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The University of Dayton Exponent, February 1921

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The
University of Dayton
Exponent



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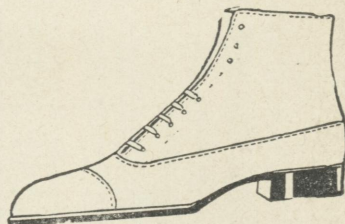
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All these improvements followed because the Research Laboratories try to discover the "how" of things. Pure science always justifies itself.

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The University of Dayton Exponent

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THE HOPE OF MANKIND

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No. 2

Spes Peccatoris

D. HERBERT ABEL

Upon this earth of mine Thy sunbeams stray,
And at my portal wait the livelong day;
On wings of light to carry to Thy feet,
The cloud of tears and sighs, repentance meet.

Thou wrappest, Love, about Thy starry breast
That misty cloud, a mantle, my bequest;
Thou turn'st it into countless shapes; each fold
Thou deck'st with hues e'erchanging and untold.

Thou lovest it, O Spotless and Serene,
For it is tender, tearful, dark in mien;
To its pathetic shades Thou giv'st the right
To screen the glare of Justice's fearful light.

A Defence of Poetry

JOHN H. HOLTVOIGT

THE literature of a people, ancient or modern has ever been the means by which its social progress, its religious beliefs, its sacred customs, and its store of knowledge has been preserved to the ages. It is a vast store house of learning, out of which, the sequent ages all draw their learning, their thought and their culture. The duty is therefore involved by the inheritors of such a wealth, not only to preserve and revere it, but also to augment its thought and widen its prospectus. For when a nation wanes in its cultural progress, it has fallen into the sere, the yellow leaf and its influence as a world mover is shattered. The first work that a language produces is a song, the last a treatise on Algebra.

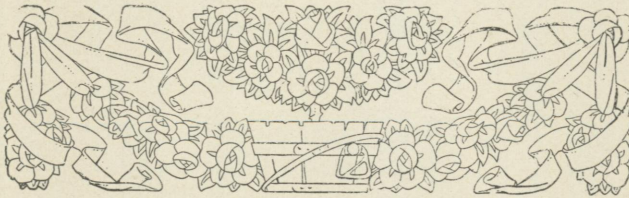
Mankind, a passing show of souls groping through intellectual darkness, for the prime light, the "primum mobile" of the universe, has registered its failures and successes, its hopes and its despairings, its lights and its shadow upon the ineffaceable scroll of Literature. Man has ever sought, whether in desert or mountain, in the Arctic or the Tropic, upon sea or land, to register in undying figures his impressions of this short span of existence called Life. An infinitesimal speck, in the whirring of a gigantic system, he has knocked at Nature's guarded, though hospitable door, and having surveyed her secrets, has set them down in the hearts and Literature of mankind. A precious guerdon, this, one well worthy of the love and guardianship of posterity.

Throughout all ages there have been, progressive souls, who looking upon the brow of Nature, have read there a message, which they must make known, a duty which they lovingly perform. Posterity inherits that message in its Literature and the succeeding ages read Nature's secrets, not from her own pages, but from those of her best translator.

Mankind is various and the minds that search and grope and strive to pierce the veil of truth are changeful as the summer winds. Some have followed a wandering fire, and some have worshipped strange gods, and some have followed strange creeds, yet all are intensely real, all vibrating with the spirit of Life, Pagan or Christian, Nature Worshipper or Idolater; all have worshipped; all have strug-

gled; all have raised their suppliant arms to Truth, and all have left their prayers or curses upon the Literatures. Mankind itself is various, and the bards who sing, come from the Infinite, trailing various glories, and their songs, changeful as Life, present a varied aspect. Yet what is Life? What but a shifting pageant of a various show, and its orchestra, like to the song of Nature, plays, not harmonious music, but a strain various as the sea, a song of Life. Yet then shall men condemn the jangled bells striking discordant notes? Shall mankind in the present, with a sweeping pedantry pronounce that which the ages have revered, wrong?

Therefore, let not the little tyrant of the Earth, in weighty wisdom, damn the uncouth bard or truth misguided sage. Only let him think, that he himself is reaching for the truth, and that some may not light upon her. Let him not condemn the prophet who has failed in his search, but rather leave him, revere and honor his search, and imbibe the wisdom of his message.



Reminiscences

DONOVAN J. McCUNE

In the dim and shadow'd organ loft
Of a great cathedral, old and gray,
As time on time before he'd oft,
Himself sat down to think and play,
A man, of grave and pensive mien,
A monk, of pale and sadden'd face,
As if grieved for the sins of men
'Gainst Him who hallowed the solemn place.
With an upward glance of his half-closed eyes
On the ivory keys his fingers laid,
And, fast as thought from heaven flies,
Came inspiration of what he play'd.

Like the soft and gentle whispering
Of vernal wind through leafing trees;
Like the light and silvery murmuring
On starlit sands of summer seas
His theme began. Then swelling more
Made seem as if once placid shore
Were now moved and violent racked
By the deep; and so attacked
Gave answer back to roar and surge
With fall and crash of rugged rocks.
The howling wind and thunder deep
Arouse green woods from peaceful sleep;
The jagged fire and black sky mocks
Their trembling fear and moaned pleas
With flashing stroke filled with alarm;
And they, as if to flee his harm,
Fall prostrate toward the foaming sea's
Outstretched and roughly fostering arm.

Then chang'd the chant, and once again
The scene has fled, to verdant glen
With skipping, sparkling, dancing rivulet,
'Mid smiling flowers, enchanting in array:
In such that Dante, Beatrice may've met
Upon that bright and fragrant summer's day
When first he saw the one who was to be
Inspirer of that greatest human plea
For the truth of man's redeemed immortality.

Gently, slowly sinking away,
With cadence falling like the close of day;
Slowly merging shadows with light,
Dimming them to the blackness of night,
The music died.

And then, at the end, with the last crystal note
Touching his ears from the organ's flute throat,
He sat bow'd as in thought
And in meditation, fraught
With beauty sublime,
And the langorous time
Of eventide.

His Elgin

D. HERBERT ABEL

JOHN LANGDON'S gold watch was the pride of his life. Steve Turner could laud the wonders of his new Stutz; Bill Parkman could tell of his great achievements in the Stock Exchange; Harry Lauder could boast of his new songs and Martin Wynn could praise the beauties of his acquaintance who smiled at him from behind the footlights in the Auditorium. But when it came to real admiration, to genuine idolatry of material things none of them could hold a candle to John Langdon. His gold watch was an heirloom, in fact, it had been an heirloom in the Langdon family for three or four generations. There was nothing extraordinary about it and it required a considerable idiosyncrasy to go into ecstasies about it. But wherever you would meet John Langdon you would be sure to hear the history and the manifold merits of his "Elgin."

Now John Langdon was an honest man. He couldn't be bribed even if he was in the legal profession. He never had a crooked jury and he never pleaded insanity in a murder trial. He was so honest that he wouldn't have stolen a plate of milk from Aunt Tabitha even if he were on the verge of starvation. But John knew that Chicago was a most vicious city. His experience at the bar had taught him that. Day after day he encountered Mr. Crime Wave in all his various forms. He realized that there were countless pickpockets on State Street and on Michigan Avenue. Accordingly this knowledge of impending danger led him to be very solicitous for the safety of his priceless treasure, the "Elgine."

"Now Carl," he would say to his butler, "I want you to see that all the doors are securely locked for the night."

"But, sir," Carl would reply, "this is a peaceful neighborhood."

"You never can tell what will happen," John would answer doubtfully.

Finally Mr. Crime Wave became so bold in his attempts that John would always think twice before wearing his watch. As the weeks passed, his mind steadily grew more uneasy until finally he brought the matter to his friend, Albert Dutton.

"I say, Albert, you know there is so much robbery about I hardly know what to do. I'm afraid to wear my watch any more."

"Oh, you and that watch!" replied Albert. "You're a pest. Well now, if you're so uneasy about it, why don't you secure a permit to carry a gun. That would insure you personal protection."

"That's great, Albert. Just the thing. I'll do it. Who do you have to see, the Chief of Police?"

"Yes, I suppose so."

That day John Langdon walked into Police Headquarters.

"Is Chief Ramsay in?"

"Yes, Mr. Langdon. What can he do for you?"

"Where is he? Oh here he is now. Good morning, Chief. I came here to get a permit to carry a gun. You know I carry some priceless possessions around with me and I don't want to be taken unawares."

"Have you ever been held up?" inquired the Chief.

"No, I haven't. But I want to take time by the forelock and beat them to it. Why I couldn't afford to have my Elgin watch stolen for the world. Let me tell you, Chief, that's the most wonderful watch you ever saw. I haven't got it on today. Afraid to wear it, you know. So many crooks and thieves around. Just let me tell you about it. My grandfather's mother gave it to my great-grandfather on their wedding day. It's come down to me and it keeps better time than any other clock or watch in the town. Say, I tell you——"

"Come, let's get to business, Langdon," said the chief with an amused smile.

"Oh certainly, certainly. As I said, I want a gun to protect myself.

"You mean to protect your watch."

"That's neither here nor there. But I want a gun and I want you to give me a permit."

Now Chief Ramsey knew enough of Langdon's eccentricity to realize that the only way to be rid of him was to give him a permit. He also knew that Langdon's integrity was above reproach and that no harm would result from his carrying a gun. So he, good-naturedly, gave him the permit.

Armed with this, Langdon went out and procured a small Colt. I say "small" but in reality it was twice as large as was necessary.

Once this was in his possession John seemed to breathe more easily. Now he could wear his watch and not fear for its safety. He went to his office his face wreathed in smiles. He raised his stenographer's wages and gave her a half holiday and bought a box of fifty La Palinas to treat his best friends. Yes, John had seldom felt in as good spirits as he did then.

Two weeks passed. There was a new Revue being featured at the Auditorium. As a rule John Langdon was not a man given to frivolity and to an appreciation of the stage. But he had promised his friend Albert that when Fanchon-Marco would come he would be sure to see it. Today John was sitting in his office. The telephone rang.

"Hello! Who's this? Oh, Al! Yes. Fine. How's yourself? What's that? Am I going to the show? Well, now you know I don't go to shows. What's that? Oh, I promised to see Fanchon-Marco with you, did I? Well then, if I promised I guess I must go. You know, Al, I never go back on my word. What's that? Do I want a box seat? I should say not. I don't want any of the mademoiselles flirting with me. Conceited am I? Well, I've got more sense than to sit in a box. Get us about the sixth row, center. What? First row? Nothin' doin'. I'm not bald-headed yet, but I soon will be if you don't stop worrying me to death with your social affairs. Are you going to take your "Cole" tonight. You are? All right. What time will you be after me. Seven-thirty? You're on. Well, I'll see you then; and say, remember! No wine parties after the show! All right, Al, goodbye."

Nothing occurred that day to break the monotony of his office hours. The same noiseless tenor of court reports flowed in. John began to wonder if Mr. Crime Wave had not lost some of his usual ferocity. It was indeed a marvel that no stirring robberies had been reported. The day dragged on to its monotonous end and John was, in a way, glad that he was going to the show since it would afford a little excitement.

He went home and after dinner prepared for the evening. He dressed with unusual care, not, he told himself, that he wished to attract the attention of the "mademoiselles," but simply to keep pace with Albert who always dressed in the height of fashion. And last but not least, he placed in his pocket the "Colt." While Mr. Crime Wave was on the decline to all appearances, still John did not feel certain that he had been totally expelled.

Al called at seven-thirty and soon John was spinning away from Oak Park toward the town. The motor throbbed evenly and its low

hum seemed to quiet whatever fears he had of the advent of Mr. Crime Wave. Al's conversation was bright and interesting and soon his thoughts were far from all sordidness.

The show began promptly. It was a glittering spectacle of finery with a few good musical numbers, enough to pronounce it a good revue to the critical audiences who attend the Auditorium. For John it meant nothing. He had gone merely to keep his word and the whole affair was a mere sideshow with a conglomeration of noise.

Once it was over the crowd started out. Al and John had reached the vestibule when a swarthy looking individual jostled past them. He was evidently in a hurry. He rushed forward then turned suddenly and returned. He brushed roughly past John almost knocking him down and tearing open his coat. A few moments later he again passed, this time in a more conservative manner so that by the time Al and John reached the pavement he was only a few feet in front of them.

"What time is it, John?" Al inquired. "That watch of yours always keeps perfect time."

John opened his coat to get his watch. He almost fainted. It was gone. He felt for it frantically but all to no avail. The watch was not there. Mr. Crime Wave had gotten him at last!

"Al," he said hoarsely. "Did you see that man that jostled me? See there he is right in front of us. He stole my watch."

"What? Get out! You're dreaming."

"No I'm not. My watch is gone. Look, Al. He's going into the machine right next to yours. Al, go up to him and we'll ask him what time it is."

"All right, if it will ease your foolish mind we'll do it."

They sauntered up slowly to the Buick standing at the curb. The man was just ready to start.

"I say, pard," said Al. "Could you tell us the right time?"

"Certainly," replied the man, drawing out an Elgin. "It's ten of eleven."

"Al," said John in a whisper as they moved away. "Did you see that Elgin? It's mine. I know it. He stole it from me. Follow him, Al."

Soon the Cole was throbbing along in pursuit of the Buick. It was not hard to follow the other car for the man was not driving fast. He was going in the direction of Jackson Park.

"Listen, Al," said John in suppressed excitement, "follow him until he gets into South Chicago. Then we'll drive up, I'll pull out my gun and get my watch back. Then we'll tie the fellow up and leave

him in his machine. I'll wager a fortune that he stole that car, too."

"Don't be foolish, John."

"I know what I'm talking about. Do you think I don't know my own watch when I see it. Do you think I've been a lawyer for nothing. No sir, that fellow can't get away with that."

When they had passed into the more dimly lighted districts Al speeded up the Cole until they were parallel with the Buick. John whipped out his gun.

"Hands up, you thief!" he cried.

The man brought his car to a stop.

"What's the idea of this?" he asked.

"You ought to know," replied John. "Now come on, you can't get away from me. I've got you covered. I'll trouble you for that watch and chain that you have there."

The man passed over the watch and chain.

"Come on, Al, we'll fix this man up. Here's a robe in the back seat and here's some cord. Tie him up."

"See here," the man interposed. "What is this? I gave you what you wanted? Why don't you let me go?"

"No, we don't work that way. Tie him up."

"You fellows will pay for this," said the man.

"I don't hardly think so," replied John.

"They've caught slicker crooks than you two."

"I don't doubt it. And so have we. That's the reason we're going to tie you up here."

"Do you mean to say——"

"Shut up before we take you to police headquarters."

"Police headquarters? Why man, you're crazy. I——"

"He's only wasting time, Al. Now listen here. You're caught, so you might as well shut up. See."

The two tied the man up, gagged him, wrapped him in the robe and placing him in the back seat, pushed the car to the curb. Then, returning to the Cole they started home.

"Pretty slick crook," John remarked. "Tried to play the innocent game on us. But we were just a little better than he was, eh, Al?"

"Queer that he appeared so surprised about it. I wonder if we could have made a mistake."

"Mistake nothing? That's the way all these slick criminals do. If they're cornered they always try to make it appear that they're innocent."

But Al made no further remarks. Soon John was again at his home in Oak Park. He went upstairs immediately and prepared to

retire. Just as he was ready for bed, there was a knock on the door. It was Carl, the butler.

"I beg your pardon, sir, but I wanted to know if you wanted your watch. You know it was my orders, sir, to give it to you every night and to take strict care of it. You didn't wear it this evening so I put it in the safe. Do you want it now or shall I leave it there until morning?"

But John made no answer, he was sitting on the edge of the bed, dumbfounded.

"I wonder who the man in the Buick was?" was his only comment.

"What, sir?"

"Bosh! Nothing! Go to bed!"



Nightfall

A. C. CHOLLEY

A dim dusk falls across the pines;
A dull light through the window shines;
From out the east there peeps a star;
A bright full-moon shines from afar.

O'er widening fields a faint calm grows;
Vague shadows fall across the snows;
To rugged cliffs both high and bold
The nightfall's message still is told;
Now toils and pains of day have fled,
And peace and silence reign instead.

The Miami Conservancy Project

WILLIAM J. JANNING

THE greatest flood protection problem of its kind ever attempted now stands about half completed and will cost the people of the Miami Valley approximately \$50,000,000. Regardless of its great cost it is well justified, for the flood of 1913 alone did \$200,000,000 damage and approximately 400 people lost their lives. Protection will be supplied by five great dams forming retarding basins on the streams of the valley, supplemented by channel improvements. When finished these basins will take care of a flood twice as great as that of 1913.

The Miami Valley has always been subject to floods. One of the greatest of these occurred in 1805, less than ten years after the first settlement of the valley. The immediate cause of the movement for flood protection and the organization of the Miami Conservancy District, was the great flood of 1913. Though the particular magnitude of this great flood was accidental, it was generally realized that steps must be taken to protect the valley from these disasters.

Hardly had the mad waters subsided, when the people of the city of Dayton, by popular subscription, raised a fund of over two million dollars to start work improving the river, and to find ways and means to successfully control future floods. "Remember the promise made in the attic," was the cry and the people gave liberally. Out of this necessity grew the Miami Conservancy District. With the aid of Governor Cox, the Conservancy Act of Ohio was passed in the State Legislature, and in accordance with its terms the Conservancy Court formally organized the Miami Conservancy District on the 28th of June, 1915. Mr. E. A. Deeds, who has been a leader in the flood prevention movement, was appointed president and chairman of the Board of Directors. On the 7th of July, 1915, Mr. Arthur E. Morgan was appointed chief engineer, with instructions to prepare a plan for the protection of the Miami Valley from floods.

The City of Dayton, being the largest city in the valley, and the one hardest hit by the flood, was naturally chosen as the headquarters for the District. Mr. Deeds, because of his great interest in the work, built for the District a fine sandstone office building, which will ever remain a monument to his great work, and his unwavering public spirit.

CONDITIONS THAT COST DAYTON LIVES AND MILLIONS

Some of the foremost engineers of the country were called together under Mr. Morgan, who spent many months going over the situation, getting data, making the necessary calculations and planning works. The following gives an idea of the conditions as they existed.

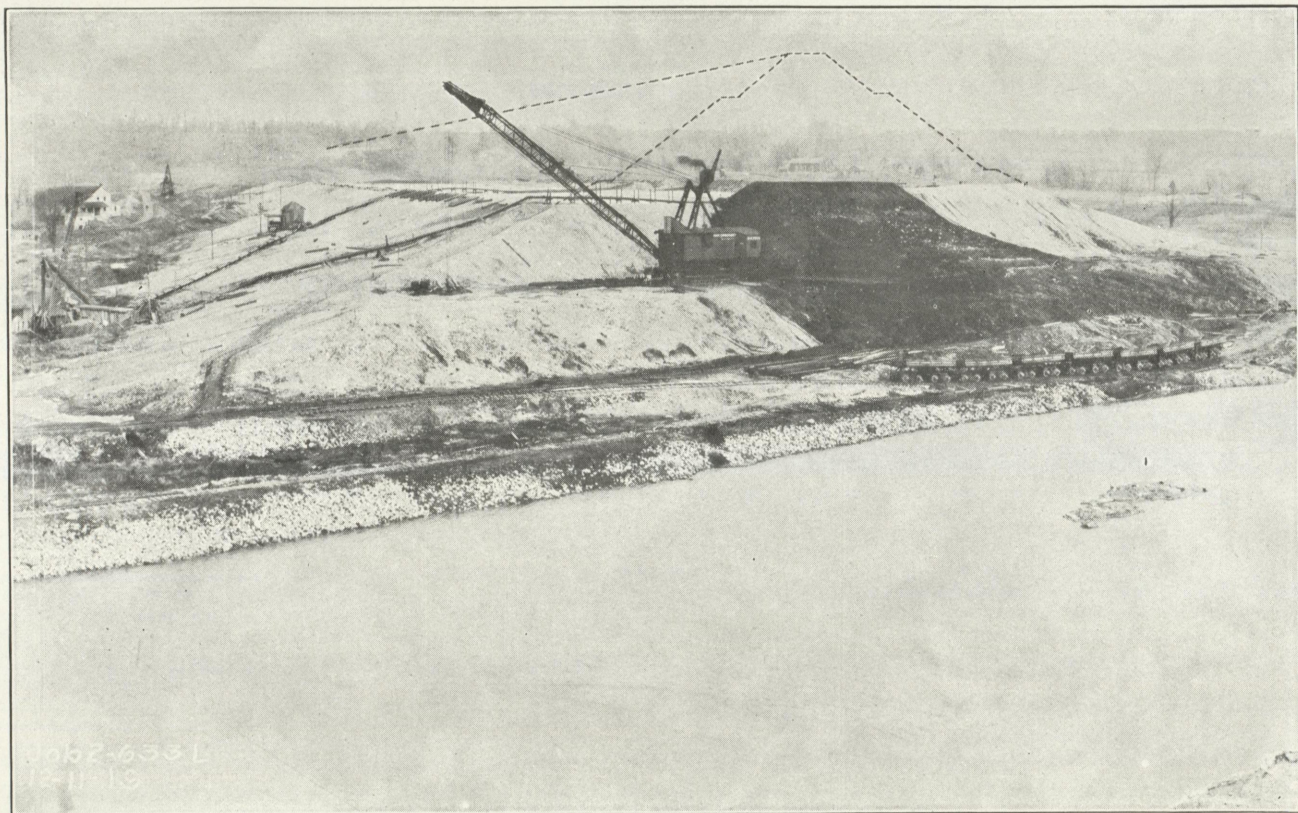
The only thing wrong with our river map was, that "it was upside down." Three tributaries empty into the Miami within the city limits of Dayton, and the Great Miami is several hundred feet narrower below these confluences. For the past fifty years property owners have encroached on the river channel; also deposits of sand and gravel had formed numerous small islands, covered with dense underbrush and even, trees. Such was the state of affairs that helped pile the water in Main Street twelve feet high.

The Miami River makes three sharp bends inside the city limits of Dayton, forming the letter S. The river valley through the city is about a mile and a half wide, and has been entirely covered with buildings and other improvements. Fifteen bridges spanned the rivers at the time of the flood. Most of these were destroyed because they were too low and tended to dam back the water, with destructive effect to the levees and lands up the river.

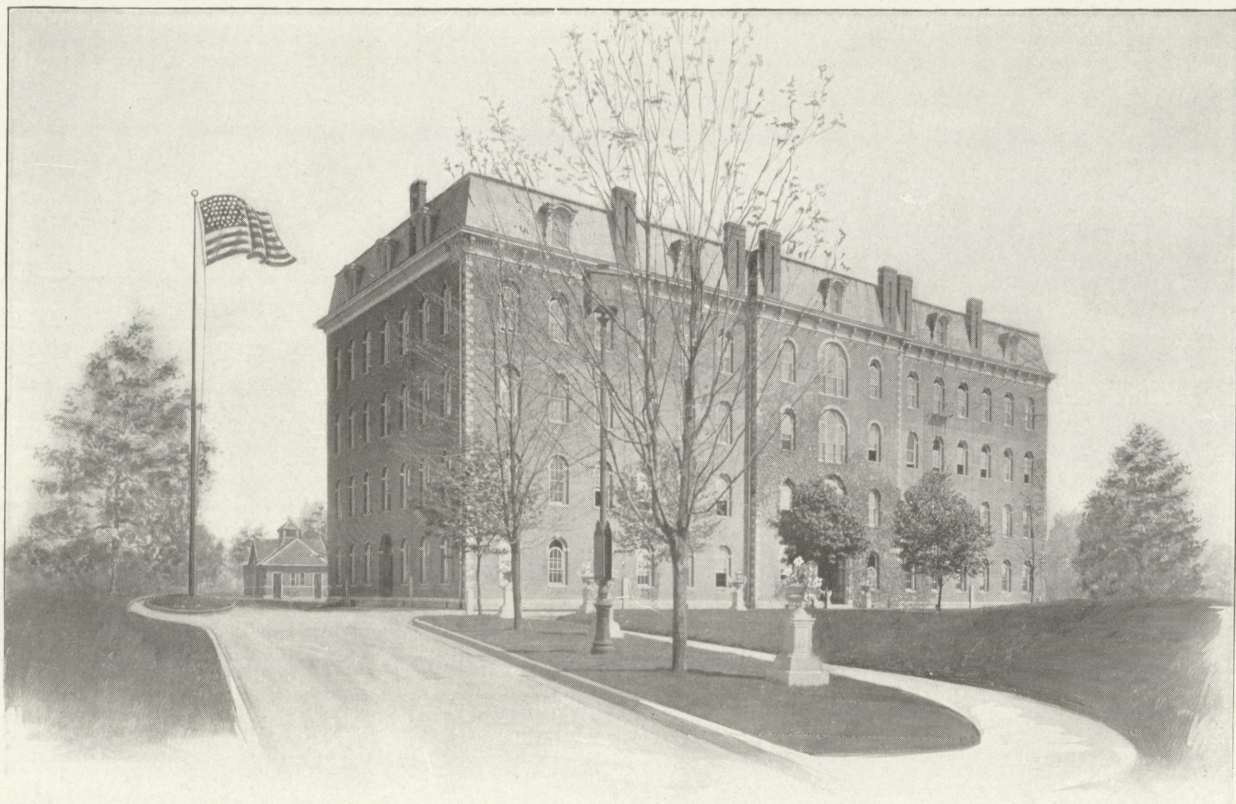
There were many incidental conditions which resulted in increase of flood damage at certain points, but the main cause was the very excessive rainfall together with the frozen condition of the ground and the consequent very heavy runoff, which far exceeded the capacity of the channels for carrying away the water. In some places the natural river channel of the Miami, was capable of carrying but 10 per cent of the 1913 flood. The channel capacity at Dayton is 100,000 second feet, and the 1913 flood discharge was 252,000 second feet.

Another flood of half the size of that of 1913 would cause a damage exceeding in money value the total cost of protection for the entire valley.

When the engineers had thus made a thorough study of the situation and considered all the details and peculiar conditions at hand, they decided upon a definite plan. Only after every possibility had been carefully worked out, was the proposed plan chosen as the most feasible and practicable. Accordingly on the 29th of February, 1916, Mr. Morgan submitted the proposed plan, which he recommended to be adopted.



HYDRAULIC FILL AT ENGLEWOOD, DECEMBER 11, 1920



ST. MARY HALL—ADMINISTRATION—RECITATION ROOMS

THE PLAN AS PROPOSED AND ADOPTED

The plan as recommended and adopted provides a series of five retarding basins, located at favorable points of the rivers, supplemented by channel improvements through the cities. These retarding basins are now being formed by dams built across the valleys of the Miami, Mad and Stillwater Rivers, and on Twin and Loramie Creeks.

Each of these dams will have permanent openings through its base, which will pass, unimpeded, the ordinary flow of the river and the flow during ordinary freshets. During the large floods, the water, which cannot pass through the conduits will be held back temporarily in the basin above the dams. The conduits will be so proportioned that no more water can pass thorough, than can be safely carried by the river channels below. In this way the runoff of a flood like that of 1913, which lasted but a few days, would be distributed over a period of several weeks. Only the peak of a flood, or that part of it which the rivers cannot carry, will be held back in the reservoirs.

By improving the river channels as far as is reasonably practicable, the rate at which the water can be allowed to pass through the conduits is increased, and the amount that must be held back is lessened.

The highest dam is that near Englewood on the Stillwater River, north of Dayton. The height is to be 120 feet above ordinary water level ("mean low water"). This dam will be almost a mile long and will contain about 3,500,000 cubic yards of earth.

The local flood control work at the various cities will consist of widening channels, correcting sharp bends, raising and lengthening bridges, protecting the sides and bottoms of channels with concrete at critical points, and building levees.

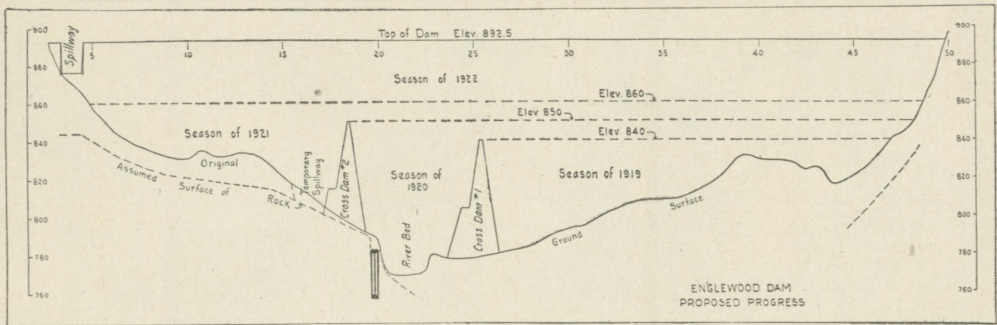
The purpose of the plan presented, for the improvement, is so to control floods in the Miami Valley, as to prevent loss of life, and serious damage to property.

In general the plans are sufficient for protection against floods forty per cent greater than the flood of 1913, which has been taken as a standard upon which the data and calculations are based.

The District includes the lands benefited by the improvement and also other lands and properties to be damaged or taken in carrying out the proposed work.

MAKE SURE YOU'RE RIGHT THEN GO AHEAD

Practically five years were spent in developing these plans, and it is significant of the care and thoroughness which has characterized



Courtesy of Mr. G. L. Teeple, Miami Conservancy District

CONSTRUCTION PROGRAM FOR ENGLEWOOD DAM EMBANKMENT

The program calls for the finishing of the work in four seasons, ending in December, 1922. The horizontal line at the top shows the finished elevation of the top of the dam. The irregular line at the bottom is a cross section of the Stillwater River valley on the dam center line, at the beginning of the work. The three dotted lines show respectively the elevation reached by the growing embankment at the end of the working seasons of 1919, 1920 and 1921. The embankment built during 1919 is entirely on the east valley slope, ending at Cross Dam No. 1, shown on the east bank of the river. The coming season will carry the top of this embankment up to elevation 850, and across the old river bed to the top of Cross Dam No. 2, which will be built during the early part of the season, the river meantime being carried in the concrete conduits shown just at the west edge of the river bed. (They appear very high and narrow, due to the fact that the vertical scale of the drawing is much exaggerated.) Any flood during this season will be carried by a temporary "spillway" shown just to the left of Cross Dam No. 2. 1921 will see the top of the dam carried to elevation 860, and 1922 to elevation 892.5, 122 feet above the old river bed.

all the work of the District. "Make sure you're right then go ahead," was the guiding principle, and results have shown that it was faithfully followed. The different processes of earth dam construction were tried out, and tests made with actual models of what engineers know as "hydraulic jump." This is in effect a way of making the water climb a stairs of concrete walls, within a concrete channel below the dam, so designed as to dissipate the force of the water, as it leaves the conduits under a heavy head.

Many details of construction and design worked out by the engineers were original, and others were adopted and modified to suit the peculiar conditions of the valley.

Many exhaustive studies were made of the United States Weather Bureau storm charts, to determine the greatest possible rainfall in the valley. The greatest recorded floods in all parts of the world were studied and from this data the capacity of the retarding basins was determined.

A long series of tests of the rock, gravel and sand found in the valley has laid the basis for the accurate proportioning of concrete in construction work so as to secure the greatest strength and durability.

A great number of rock and soil borings were made at the proposed dam sites, so as to ascertain the soil conditions. The plans for the dams were not based on what the soil conditions might be, but the engineers insisted upon knowing accurately the run of the rock strata.

THE SCOPE AND PROCEDURE OF THE WORK

The scope of the work is enormous. The Miami watershed, to which the operations are confined, is almost 200 miles long and 75 miles wide. It will thus be seen that the great engineering project right at our very doors, is second to no work of its kind in the world today.

Four of the five great dams are above Dayton, and one is located to the southwest. Each is a separate engineering feat in itself. Each of the structures is different from the rest, and was designed to suit the peculiar conditions and details of its location.

The dams are built across the river valleys, at narrow places between projecting hills. The construction of these dams is now well under way. They are being built of earth by a hydraulic process, so as to secure an impervious central portion of the most approved type of construction.

The "hydraulic fill" method of building up a dam which is followed on all the barriers that are being thrown across the valley is simple and interesting. The soil, noted for its binding clay contents, is loaded on construction cars at the "borrow pit." The material is then hauled to a point alongside the dam site, and dumped into the so-called "hog box." Here high pressure streams of water wash it into a revolving "Grizzly" or screen, where the extra large boulders are eliminated. The mixture of earth, gravel and water passes through and is carried to giant electrically driven pumps, which hurl their contents through long lines of steel pipes. These discharge pipes are directed along the edges of the dam, and since the gravel and coarser material comes to rest first, that part of the structure is always the highest and the water and silt flow to the center of the dam under construction, the dirt settles forming an impervious center core.

It is surprising that two of these pipe lines do as much work as 600 men with teams, working to the limit of their strength.

How significant of the spirit and enterprise of the work that the forces of water are marshalled to build a barrier which will check these same forces if ever they again attempt to run rampant through the valley!

A visitor at one of the dams will see but few men working upon the project. Locomotives snort along, trailed by a string of cars, and there are massive electric draglines and steam shovels everywhere in evidence. The District does not do things in a small way as can be easily realized by the hundred or more feet the boom of the electric shovel goes up in the air. Probably a mile away from the dam itself is another of these monsters busily engaged in tearing down a hill.

The slope of the faces of the dams has been very conservatively fixed, this in accordance with the policy of the District, to secure the very greatest safety, consistent, of course, with cost. The dams will have a level top 25 feet wide. The side slopes will vary, being two horizontal to one vertical at the top, and ten horizontal to one vertical near the base. In the slopes there will be beams with concrete gutters to lead rain water off the sides and thus prevent erosion.

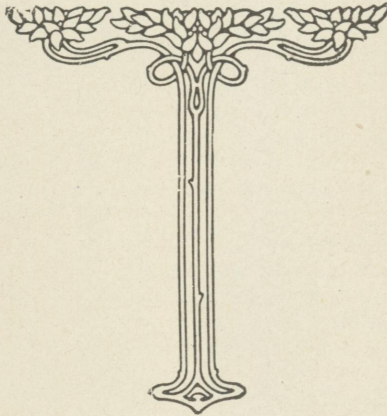
The outlet conduits through the dams will be of massive concrete. The interior surfaces will be finished smooth so as to offer as little resistance as possible to the flow of the water. The concrete walls forming the entrance end of the conduits will be rounded with large radius curves, and there will also be provisions to prevent the entrance of drift. To protect the channels below the dams from injury, due to the high velocity of the water as it leaves the conduits, the outlets of the conduits are so designed, that the energy of the water will be dissipated in a standing wave, within a concrete channel. As it issues from the conduits the water will have an approximate velocity of 60 feet per second, and this great force will be used in climbing the stairs of the "hydraulic jump," ending in a standing wave of considerable height and volume. It leaves the last barrier perfectly tame, flowing steadily but minus the wild velocity accompanying it as it boiled forth from the conduits, the water will have an approximate velocity of 60 from the crest of the spillway to the valley below, and will be so located and constructed so as to prevent any possible injury to the dam by descending water, should the spillways ever come into action.

Underneath the central portion of the dam is the cut-off barrier, extending the full length of the structure. A trench is excavated and filled with impervious material, before the dam itself is built, and is intended to prevent the flow of water through the ground underlying the dam.

The channel improvements in the cities are so designed as to have sufficient capacity for carrying the discharge of the reservoirs during a storm, besides the unregulated flow entering the rivers below the dams. The work in general will consist of excavating the channel bed, and of straightening and raising the levees. The sharp bends are to be cut down to curves, and the width and cross sections of the channel will be made as nearly uniform as possible. This work is now well under way.

The engineers of the District have worked long and faithfully to carry out the project, and in their opinion when the great work is completed, the Miami Valley will be permanently protected from serious damage from floods.

In its necessity for flood protection, the valley is not unique. Wherever, along the rivers of this country, industrial and agricultural development reaches a high stage, the protection of these interests from damage by uncontrolled flood waters becomes necessary, and must be secured before permanent prosperity is established.



The Pretender

JAMES R. HALEY

"Monarchs of the air are we,"
Said the eagle to his mate,
"There is no competition;
We fear no opposition—
It is our natural state."

"But, alas! proud bird," quoth she,
"There is another, greater,
Of wondrous composition;
Arousing premonition—
Whose nest must be a crater."

"Of what wing'd thing speak'st thou,
That dares defy our place;
What member of creation,
Starts thus thy agitation,
Oh mother of thy race?"

"Words fail me to describe it
With its unseemly shape,
It raises great commotion,
As if it's in explosion
And fairly makes me gape."

Her words curiosity 'wakened
And, forthwith, went he to see
This monster in rebellion,
This most ungrateful hellion,
Who brav'd his majesty.

And what he saw did shock him
A 'plane in fullest flight,
Could this be apparition?
Ah! No! 'Tis desecration!
For ghosts are seen at night.

Then, dejectedly, he flew
To his nest in rocky bed,
Where, in sad recitation,
Gave he full confirmation
Of that his mate had said.

The eagle didn't realize
That monarch still was he,
A 'plane is man's formation,
A bird—God's own donation,
As such, he, king must be.

The Catholic Origin of Universities

A. W. HEMMERT

WE are prone to consider the existing intellectual and social uplift the fruits or triumph of our own time, and we take for granted that popular education came into existence during our time. Unless one investigates to find the true cause of our present educational system and its consequences, it is only natural for man to ascribe things to himself which have been handed to him by those gone before. All our natures are afflicted with such selfishness in which so many prejudices are born and ridicule comes natural to human nature for everything that requires serious mental application in order that we might understand.

Our educational methods of today are the mere result of intellectual endeavor of past centuries. The spirit of personal liberty and intellectual enthusiasm, that democracy of feeling among students, had their beneficial influence upon generations to provide educational opportunities. These were the nucleus which gave rise to the foundation and development of the university proper, in the thirteenth century. A great desire for knowledge, a marvelous spirit of research, and the ambition for a higher intellectual life manifested itself at the end of the twelfth century that found its true realization in the thirteenth century. This century marks the foundation of our present day universities in the very bosom of the Catholic Church. The University of Bologna and the University of Paris rose from Schools of a particular branch of study to the university with its varied faculties.

The University of Bologna emanated from the "School of the Liberal Arts" which attracted students from all parts of Europe in the eleventh century. The Liberal Arts taught, included rules for drawing up legal documents and briefs. Grammar and Rhetoric naturally allied themselves with the study of this branch of law. The intellectual, commercial and political progress of the Lombard cities were instrumental in establishing a great demand for legal training. Irenerius organized the School of Law, which embodied the entire Body of the Civil Law, in the twelfth century. About the same time a Benedictine Monk, Gratian, compiled the "Decretum Gratiani," which was recognized as the text-book of Canon Law. The School at Bologna grew rapidly in fame as a "Jurist School," and was at-

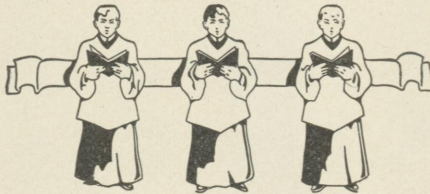
tended by students from all parts of Europe. These students hired their professors. In the early part of the thirteenth century, Bologna had an annual attendance of 10,000 students and became known as the "Mater Studiorum." The study of law was so popularized that the Liberal Arts became secondary in importance. In order that the Liberal Arts might not lose their prestige entirely, the Aristotelian Philosophy and Mathematics of the Arabian Schools were added. Shortly after, the Aristotelian Physics and Physiology formed the basis of Medicine, while from Mathematics emanated Astrology and Astronomy. Surgery was practiced and in 1360 Pope Innocent established the faculty of Theology which further perfected the cast of our present day university. In the fifteenth century modern languages, the classics and sciences flourished at the University of Bologna.

Simultaneous with the evolution of the University of Bologna, the University of Paris came into existence. The Schools of Notre Dame, Ste. Genevieve and St. Victor are the three pillars upon which rested the origin of the University of Paris. These schools were attended by the nobility of France, by the most distinguished youth of kingdoms and by thousands from the middle classes who flocked from all parts of the world to Paris. The students steadily increased so that Paris was unable to provide adequate lodgings. Probably to avoid disorder and establish and define the relations of the professors the amalgamation of the three schools was decided and the University of Paris was organized. Masters and students were divided according to provinces and later according to nations. Four faculties or branches of study were formally designated comprising Theology, Jurisprudence, Medicine and Rational, Natural and Moral Philosophy. The title, "Dean," designating the head of a faculty, was not in use until about 1260, and, as a rule, the deans were chosen from the oldest masters. The University of Paris, known for its remarkable teachings played a leading part during the schisms of the Church, in dealing with heresies and the deplorable divisions. Before the close of the thirteenth century, many Universities dotted the continent of Europe, fashioned after the pattern of Bologna and Paris.

Many people have a wrong notion as to why the word university was given these institutions of learning. They think that the name was chosen on account of the universality of studies pursued in them. The word "university" was at first not applied to the school. The school itself was called "studium generale." The Latin word "Universitas" was used by the Holy Father and the rulers of that time to formally address the combined faculties of a "studium generale." All letters or greetings began with the designation "Universitas

Vestra." The constant use of the word gradually attached itself to the institution itself, and today, it is the fixed term applied to our institutions of learning without any reference to the faculty.

We can rest assured that the Church and the ecclesiastical authorities were as much interested in education during the rise of the universities in the thirteenth century, as they were in charity. To them we must trace the foundation of the preparatory schools as well as of the universities.



The Spirit of Lent

R. J. KITSTEINER

Now there creeps o'er the sun of days pleasure-spent
The staid, sober, silent shadow of Lent.
Mirths tocsins are hushed; the crowd melts away
Like gamboling wood nymphs at sunset of day.
When day has its night to assure rebirth,
Its deeds, like dreams, hover o'er the earth,
Reproaching, commending, then shaping the course
Of the promised hours, yet at their source.
So recurrent Lent comes to our life,
Halting the dance to Pleasure's fife,
So that, may speak, that survives this all—
The soul. As a dream it has a call
From parted life to life in the womb,
For, while deeds may lie hid in Time's forgot tomb,
Yet immortal they are in the spirit they send
To the bliss or gloom at destiny's end.
So hail to the season of quiet restraint,
Raising the spirit from crass attainment
To God.. For, 'tis out from days pleasure-shorn
That great and greater souls are born.

The Catholic Students' Mission Crusade

DONOVAN J. McCUNE



HONOR ROLL

A. W. HEMMERT,
EIGHTH GRADE
FIRST HIGH-A,
FIRST HIGH-E.

Since its inception, last year, Mr. A. W. Hemmert of the Junior Arts Class has been one of the prime movers in the Work of the Catholic Students' Mission Crusade, here. At a time when the work was new and unknown and when its future was not so assured as it is now, Mr. Hemmert devoted much of his time and energy to the work in the keeping of the records of the movement, delivering talks, assisting in organization and in many other ways. His efforts have been untiring, and to them is due a large part of the success that the Crusade has attained at the University.

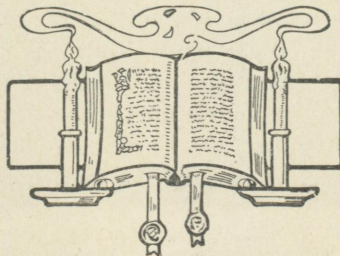
As frequently happens in human affairs the younger members are often the most enthusiastic and encouraging. First High-A, through the medium of its representative, A. L. Schreck, and First High-E, through Cyril Stein, have offered an accumulation, or better yet a real collection of stamps whose monetary value is considerable. Hitherto it has been known that stamps are accepted in all quantities, as a means of offering financial aid to the missionaries; for these stamps are readily salable, and the proceeds are of considerable importance. But these classes have fairly overreached themselves in their good endeavors. The reports of Mr. Schreck and Mr. Stein indicate that the collection contains not only cancelled stamps of ordinary denominations, but also stamps of value to the collector, of American and foreign countries and ranging in value from four cents to one dollar. Great credit is to be given to Messrs. Schreck and Stein and their enthusiastic classmates for this work in the field of mission activities.

Although unsolicited, the eighth grade, of their own volition took up a class collection for the benefit of the Crusade and sent over five dollars to the unit officers. This willingness is a matter of encouragement to those working for the Crusade, and a proof of the efficiency of their labors in the other classes of the school.

On January 22, during the course of the Church Unity Octave, the body of the Catholic Students Mission Crusade unit at the University of Dayton received Holy Communion for the intention of the missions. In the beginning it was stated that the purpose of the Crusade was to give spiritual assistance to the missions and instruction to the members. This general communion marks the compliance of the students with this first purpose.

The students were given the opportunity to hear an interesting and instructive lecture on China by Messrs, Ryan, Boggs and Duecy of Mt. St. Mary Seminary. Mr. Ryan, '16, the lecturer, gave a most lucid exposition of the religion and manners of the Chinese people, and impressed the listeners with the vastness and fertility of the mission field in that country.

Father Thill, '14, the Secretary-Treasurer of the Crusade, visited the University during the last month. At a meeting of the officers and representatives of the local unit Father Thill expressed his appreciation of the work being done by the unit, and his delight at the co-operation existing between the officers and the students. He concluded with an enthusiastic talk, stimulating the workers to still greater efforts.



*The Work of the Society of Mary in Japan

By A. S., S. M.

(Translated from the French by Walter S. V. Curtis)

TODAY, all the Society's schools in Japan are well located, with spacious grounds adjoining the buildings which are themselves built according to all requirements of the scholastic legislation of the country. The curricula are identical with those of similar Japanese schools. The great majority of the student enrollment is pagan and of parents in easy circumstances. The faculty is composed of foreign Brothers, native religious, and pagan assistant instructors.

In all the classes the modern languages are taught by foreign religious, who also conduct the moral courses in the upper classes. It is with regret that the Brothers have thus given over nearly all the subjects of instruction to pagan teachers; but they were forced to submit to the laws, which considerably limit the subject-matter permissively taught by foreigners. To overcome this difficulty, they have sought from the outset, to obtain recruits on the spot for the Order, thereby to replace the assistant pagan teachers by native religious. In this way they are little by little regaining possession of the domains that circumstances had forced them to abandon temporarily.

Besides teaching modern languages the Brothers also direct the schools, perform the duties of prefects, and supervise the recreations, walks, and the general conduct of the resident students.

In order to facilitate the instruction of modern languages and to make them more acquirable, the Brothers have compiled a certain number of "classics," several of which are extensively used in the Japanese schools. Into these works they have endeavored to introduce sound and wholesome principles of morality.

Moreover, desiring to inculcate habits of charity into their disciples, they have established works of benevolence in all their institutions. Such works exist also in the majority of the Japanese preparatory schools and colleges, but the results obtained by the Brothers

*Editorial Note: The above article appeared in the Mission Annual for 1920 of the University of Fribourg, Switzerland. The article has a particular interest to us from the fact that our professors at the University of Dayton, are members of the Society of Mary.—W. S. V. Curtis.

ers defy all competition; **they** are the disciples of the One who revealed to the world all that constitutes true charity, and know, better than their pagan colleagues, how to guide their charges to remember their less fortunate comrades, and to give of their abundance.

Finally, the Minister of Public Instruction has conferred upon one of them, Father Heck, the professorship of French literature at the Imperial University of Tokyo. In addition, nine other religious are professors of modern languages in the military and other schools of higher learning of the capital, in those of Osaka, and of Nagasaki. The numerous expressions of good will and the honorable marks of distinction coming from the Japanese authorities and of which the outside professors have been the recipients, testify to the high esteem in which they are regarded by them.

In order to extend their field of action and to aid the missionaries directly, the Brothers have undertaken to establish an apostolic school, manned by members of their own personnel. The corner-stone of this indispensable part of their work was laid at Urakami on August 5, 1909. Its object is to increase the number of Christian teachers in the Mikado's empire, and it receives Catholic lads who have been judiciously chosen and sent there by the missionaries. After being educated and carefully instructed in the ways of Christian life by the teachers of the school, all of whom are religious, and thereby having received two or three years of trial, these young "apostles" are directed to the Mission Seminary or the Novitiate of the Society. Those amongst them in whom no vocation, either for the priesthood or for the religious life, could be recognized, and these are the most numerous, are sent to the normal schools or scattered among the schools for catechists. In the capacity of teacher or catechists, they become valuable assistants to the missionaries as soon as they are able to occupy their respective posts of duty.

Since the time of its foundation eleven years ago, this work has given very consoling results; the number of postulants in attendance in 1919 being about sixty. However, the support of these children necessitates funds of considerable magnitude which are impossible to obtain on the ground because the native Christians are generally poor. All available resources of the Brothers have been given over to this work, but they are insufficient to balance the expense account of the school. The Society of Mary, plundered in France by the sectarian laws of 1903, and suffering severely from the effects of the war, is making appeals to the generosity of Catholics in Europe and America. Today, more than ever, the work needs help in order to live and develop: for, in Japan as everywhere, the necessities of life are

expensive, and exchange rates considerably diminish the sum total of any monetary aid sent from Europe. May these few lines give rise to generous responses. If the missions ought to interest every good Catholic soul, those of Japan, solely on account of the influence this country is called upon to exercise in the Far East, should be given special consideration.

Whether he occupies the exalted position of professor at one of the universities or is lost in the midst of his pagan pupils, the religious of the Society of Mary seeks to diffuse an influence about him that carries with it the benevolence of the virtues practiced by his Divine Master. Those who come into contact with him and who know his religious principles and convictions admire the seriousness of his life, appreciate his unswerving devotion, and bow before his scientific knowledge. One of the largest papers of Osaka published the following a few years ago: "The foreign teachers of the 'Bright Star' are much to be admired; their simple life, their knowledge, and their devotion have no equal amongst us. The religion of Rome must be very powerful in its effects to inspire so much energetic enthusiasm." What further evidence is necessary to prove how strong is the example of these Christian teachers and how beneficial to the cause of good?

Speech likewise, besides his example, is afforded especially to the outside instructor with which to instill religious principles into the hearts of his hearers. Although the scholastic regulations forbid him to teach religion during the class hours, he may discourse on such topics at other times. The majority of the students take a great interest in religious questions and are thankful to the teacher for discussions relative to them, provided he does so without any proselytizing motive. It is in this manner, for instance, that Father Heck, in treating the French authors, exposes Christianity completely. The scholars understand very well that they would be incapable of grasping the underlying thoughts of most of these authors without possessing some light upon the principal Christian beliefs. Evidently, believing is not practicing; however, by such means sound ideas are sown and it is left to reflection and grace to make them bear fruit.

(To be concluded)





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Things of the Soul

The real values of life are soul values. No, they are not tangible; they cannot be measured; they have not extent. When, in sheer ecstasy, a soul tingles at the sound of blended notes, carried on by streams of exquisite music that flood the ear; when the eye feasts upon the myriad-colored canvas, drinking in with eager haste every line or detail, and the soul is aflame with emotion so potent that it covers the vision with a mist while big tears fall to the ground; such are soul values. Within man himself is found the highest of all such values originating on this earth, for he is their very "raison d'être." They also express themselves through music, literature, painting, in fact any of the forms of art, as well as in nature herself as she appears to us in the fathomless universe in which we float.

But, it is argued, we are not all born artists, and cannot all appreciate or find pleasure in such things. This is undoubtedly true for most of us; on the other hand, however, we all possess an innate capacity for such appreciation which needs but to be brought to the surface and trained, through the medium of the senses. With effort, we can at least give these dormant faculties a "try-out" and, by willfully

concentrating our senses upon such soul values, train them to clearly and entirely transmit these values to our souls. Gradually these will then respond with ever greater ardor until we find opened up to us a wealth of noble emotions never before experienced.

It should be education's great aim to so train the mind, heart, and body that they will always feed the soul with life's better things—the soul values. What does this imply? It implies nothing less than that educational institutions are bound to consider the heart and soul in their curricula: to encourage and foster all the major branches of the liberal arts. The so-called "practical" system of education into which some of our best institutions of learning have slipped is therefore, to be sadly deplored. Their product consists of men and women able to make a living but knowing very little how to live. What miserably dwarfed and shriveled souls lie atrophying within their healthy, vigorous bodies. Leaving these "vocational schools" they enter the world with expectant hopes and seemingly well equipped to pick out the best it has to offer of that which goes to make for true happiness, yet wanting in the most essential fundamentals for the attainment of such happiness. Such institutions have forgotten their mission. They have sold their heritage for a mess of pottage.

To say that the men and women graduating from institutions of this kind do not need a liberal education to enable them to seek out, understand, and appreciate the real values of life is absurd. Our everyday experience shows us only too plainly the superficiality of these "practical" human beings. We can tell them by their speech, and conduct, the company they keep, the kind of amusements they seek, and the books they read. Oh, but they are successful business men; they own large homes, a big machine; they wear fine clothes, and everybody talks about them! Seemingly, therefore, they are making the most of life—but are they? Are they perhaps only drifting about on a thick, scummy film of superficiality, unable to pierce its blackness and see below; powerless to reach those priceless gems, sparkling beneath in the clear waters of the soul—the soul values.

Closely allied with these soul values, purifying and ennobling them, and without which they are ultimately meaningless, is religion. Our Christian Religion, itself the greatest and most satisfying soul value possible, completes them and illuminates them with a light of so beautiful and brilliant a hue as to convey, on its reflected rays, a message of Faith, Hope and Charity down to the innermost recesses of our souls.

W. S. V. C.

Every Man's Problem

We are living in an age of reconstruction. Today we are systematically organizing our forces after their demoralization of the war period. Socially we have attempted reconstruction by revolutionary panaceas. Economically we are endeavoring to reconstruct matters by coming again to pre-war conditions. The laborer wants a reconstruction of the H. C. L. Physically we attempt reconstruction. We organize our physical life by preventing disease, by securing sleep, by exercise and by the selection of our food. We organize our amusements by not having too much of the same diversion but by having a pleasing variety. But how many of us have organized our mental intellectual and moral activities. Many of us, I dare say, have never given their moral acts a thought; much less have they organized them. In such cases depravity is bound to result, corrupted conscience codes will lead to indifference and then is the time for a reconstruction of our moral life.

This month of February inaugurates the season of Lent, an admirable time for reconstruction of our spiritual selves. Lent, often considered a hindrance by the youth is in reality a blessing in disguise.

Our youth indicates the direction of our future life. As the twig is bent so shall the tree grow. Those principles of life and morality which we receive at this period of our formation when our minds are most pliable are those which will be the most dominant in our manhood. Our youth is the time when we decide our course in life, in our youth we choose our masters, in our youth we erect our pedestals, in our youth we are left at the cross roads. The road to the right is the road of Opportunity and of Duty, the road to the Left is strewn with palms and decked with flowers under whose petals lie many a thorn: it is the Primrose path of Pleasure. Which shall we choose? If we have chosen the Primrose path our moral character will be warped and we must return to the Cross roads and seek out the Road of Opportunity in order to reconstruct our lives.

Now there lies before us the golden road of Opportunity—Lent, a road strewn with thorns perhaps like the primrose path, but whose wounds are of a more meritorious nature. This road is a true gauge of the character of the man and a great factor in reconstructing the character of the youth. Life is at best a contest, a race, with that man a success who most surmounts the troubles and hardships of life. And the road of Opportunity, by reconstructing our morality leads us to the accomplishment of our Duty and makes us adhere to the right and compels us to live according to the established mandates of our nature and of the Creator. When once we have passed over

this road and have reconstructed and reorganized our moral life we will be worthy of the name of Christian men. This is every man's problem: To reconstruct his moral and spiritual life and to realize that He who sees all will reward or punish him for the right use or abuse of his liberty. Do not turn into the primrose path of pleasure and forgetfulness of God, but choose rather the road of opportunity. Lent, the path of service, love and devotion.

Frugality

For the past four years the American people have rarely considered and never practiced frugality. The working classes, crazed over their inflated wages were possessed of the inordinate desire to display their newly acquired income in a manner becoming of millionaires. The labor leaders wheedled them into believing that through the absolute power of the unions, wages would be kept at the abnormal war standard. The result of this gross misrepresentation was to create a notoriously thriftless population which is not in a mood to withstand non-employment or reduced wages. To a student of economics or even to the casual observer it was evident that such a condition had to be transitory—that the years of famine would come. As soon as Europe became a producer America would suffer foreign competition and until financial equilibrium was restored the dollar would buy more in foreign ports than at home. But we have blundered; we have not saved during the years of plenty and it remains for us to stave off the full effects of our mistake.

The only solution is evident, although its administration is difficult. America must practice thrift, and become sole owner of her own industries. Quite recently it was discovered that just previous to the war, allied capital controlled forty-five per cent of trades and manufactures! Fortunately such a condition did not seriously impair our financial standing because the Allies emerged from the war, victorious. However, should they have been obliged to withdraw their capital we would have suffered an industrial panic.

We must prevent the future occurrence of such a hidden but fatal foreign domination. In other words we must practice prudent economy. National thrift means national success; it means maintenance of our present worldly rank. Let us own our own industries that we may not be wrecked when we least expect it. To begin with we must acknowledge the necessity of wage decrease to market our products. Germany is already offering merchandise at one-half the price our manufacturers could possibly produce it. To successfully compete our price of labor must be less. The public must economize. Let us be second only to the Scotchman in respect to thrift and heed the

words of our renowned statesman and philosopher, Benjamin Franklin: "Save and become respectable; it is the surest and quickest way."

E. J. F.

Mother Seton The past month marks the one hundredth anniversary of the death of one who, although her renown be not written in the perishable letters of earthly fame, may be considered as one of the greatest benefactresses of society that our country has produced. This is Mother Elizabeth Ann Seton, foundress of the Order of Sisters of Charity.

The story of the life of this noble woman has more of the color of a mystic romance than that of a chronicle of common human existence. Born in a stronghold of highly educated and cultivated Protestantism; reared in this atmosphere, and, finally, wedded to one of the same creed, she, nevertheless, at the command of her conscience, cheerfully renounced all that must have been dear to her through long custom, and entered the Church.

Soon after her conversion and baptism her nature, intensely religious as it was, seemed to feel the necessity of some life even more perfect than the simple observance of the principles of Catholicity in the world. Accordingly, when the opportunity presented itself, she commenced to gather about herself a few other women who desired to devote their lives to the more perfect service of their Creator. Thus was founded the first house of the order, and at the same time was laid the first stone in the monument of greatness raised to her name.

And if one would know something of the character of Mother Seton let them but look at one of her adopted daughters. In hospitals we find them, in orphanages and schools, ministering, protecting and teaching. In the soul of each there burns a fire, the same fire that enkindled the spirit of the foundress.

Hers is a glory that will never fade; a name which will never die; a work whose magnitude shall not suffer diminution, but shall grow and flourish with the progress of civilization as long as the name of charity shall be the keystone to the alleviation of human misery, and the foundation of human happiness.

D. J. McC.

An Acknowledgement

The Exponent gratefully acknowledges the cooperation of the Miami Conservancy District in the publication of Mr. Janning's article. Special thanks are due to Mr. G. L. Teeple, the editor of the Miami Conservancy Bulletin. The cuts accompanying the article: "The Miami Conserv-

ancy Project" were selected by him and the electrotypes were donated. The various personal interviews with Mr. Teeple and other members of the "Conservancy" were enjoyed by the author. The Exponent certainly appreciates the courtesy shown and we wish to express our sincere thanks.

W. S. V. C.

Exchanges

JOHN H. HOLTVOIGT

The Ariston It is indeed a pleasure to peruse critically such a journal as the Ariston of St. Catharine College of St. Paul. Originality of composition is the "immediate jewel" of the college journal, and we find it in the Ariston to a delightful degree. Such a sonnet as that addressed to Archbishop Dowling, may well be addressed to such men as it delineates. We think, that as a sonneteer, the writer has much of the fire (and ire) of a Byron. The majority of the poetry is good; however, we might ask with temerity, why, if there is so much difficulty in composing the "triolet," it is not discarded. A one-act drama, so delightfully written as "Price, One Dollar" is indeed a surprise to the modern college journal reviewer. It gives much charm to pages which have a tendency to become too didactical. An article of appealing charm is the "Christmas Eve in Brittany." It has that peculiar quaint style, which so well suits those quaint superstitions of the Breton peasant. There is a masterful essay on "Our Relations to Present Day Difficulties" which strikes effectively at the root and seat of those difficulties. We side with her entirely when the author claims family evils the root of all evils of National and International affairs.

Other articles are appropriate and "literary" which term we only use as a special form of praise. Having been so agreeably entertained by the Ariston, the Exponent is doubly grateful in acknowledging the receipt of its exchange.

The Spectator Capital University has indeed found a wonderful defender of her title and role as an institution in the Spectator Science Number. Her science course together with other ideals laid down by her founders in the Constitution are shown

to be up-to-date and appropriate. In a series of articles dealing with science at the U. and also in the world at large, her reputation in this respect is amply insured and safeguarded. These heavier articles are well balanced by means of charming poems, short stories and other articles. We extend the "poetic purple" however to "Ecstasy." The finish of this poem, with its trailing away into the oblivion of silence is masterful. Other poems are exceeding good, and we are only vexed since they are perhaps too few in number.

A history of the University's science course is well rendered and we hope it will succeed in its mission and that the Universities Science course will prosper. We know a good many chemistry students here at the U. of D. who would like to get their Chemistry lesson as easily as did the hero of that clever story, "Three in One." Study is indeed an endeavor which reaps conviction and we are sure that such an article as that on "The Fundamental Idea in Greek Religion," insofar as it shows great care and study, will bring conviction to all readers of its arguments. This journal on the whole is very satisfactory and despite the fact that it is professedly a science number is entertaining and instructive. We are therefore very pleased to acknowledge the receipt of the Spectator's exchange.

St. Vincent

College Journal

An Exchange Editor certainly finds reward for his labors when perusing such a journal as that compiled by St. Vincent College of Beatty, Pa. Editorials are here placed in front, and we are inclined to think that as to their merit, that is where they belong. They represent a wide range of subjects, all of which are handled appropriately. We only wish that we could emphasize many, many more times the plea for help for starving children of Europe.

A very elucidating and entertaining picture is the article, "The Siege and Capitulation of Quebec." It was a stirring page in History, and the article has much of the power and vivacity requisite to such a theme. There is a short story with an admirable theme, which is well handled.

We find the Muse somewhat "scanty of her maiden presence" as it were, but we are consoled with the excellent quality of that which is given. "Epiphany" is among the best we've read yet, upon the subject of the Magi and the Star. The solitude of the desert, with that lone caravan creeping across its illimitable space, is a theme full of poetical possibilities. A very delightful ballad is the "Romance of Paddy Moore." Quaintness of theme, are rendered pleasing by means

of quaint diction and style. When style is made appropriate to theme, poetry is rendered very delightful.

When we survey the vast amount of news and business which this journal carries we are struck with the thought of the labor which must have been necessary in its compilation. Surely this journal boasts an able and diligent staff of Editors. The Exponent is therefore well pleased to acknowledge the receipt of the exchange of such a College Journal as that of St. Vincent College.

The Exponent gratefully acknowledges the receipt of the following January Exchanges:

Abbey Student, The Alvernia, The Argus, Ariston, The Collegian, The Creighton Chronicle, The D'Youville Magazine, The Gonzaga, The Lamp, Loyola University Magazine, Marywood College Bay Leaf, The Micrometer, The Messenger, DePaul Minerval, The Nazarene, St. John's Record, The Spectator, St. Vincent College Journal, The College Spokesman, The Defiance Collegian, The Xaverian News, The Sisters College Messenger.

Alumni Notes

THE following list includes some of the class representatives present at the annual mid-winter reunion of the Alumni. Of the Dayton Alumni we give the following names: Richard P. Burkhardt, '92, 319 Central Ave.; Frank H. Kronauge, '92, 2 Woodland Ave.; Howard W. Gorman, '98, 1060 Salem Ave.; Michael J. Gibbons, Jr., '98, 22 Oxford Ave.; Joseph H. Clemens, '99, 232 Dutoit St.; Chester K. Shroyer, '99, 612 Bowen St.; William A. Keyes, '99, Schwind Building; Arthur M. J. Gibbons, '00, 641 Grafton Ave.; Louis Moosbrugger, '00, 415 Warren St.; Dr. A. J. Moorman, '00, Reibold Building; Joseph Murphy, '01, Dayton Savings and Trust Building; Bro. Ulrich J. Rappel, '02, University of Dayton; Carl G. Cappel, '03, 123 E. Fifth St.; William E. Stoecklein, '04, 532 Keowee St.; Francis C. Canny, '04, 243 Delaware Ave.; J. Clarence Hochwalt, '05, 915 Old Orchard Ave.; Rev. Francis J. Kunnecke, '07, University of Dayton; Charles W. Whalen, '07, 952 Harvard Blvd.; Christopher C. Adams, '08, 224 Morton Ave.; Harry C. Anderton, '09, Dayton Savings and Trust Building; Robert E. Gray, '09, 2212 S. Wayne Ave.; Herbert E. Whalen, '09, 201 Schantz Ave.; Joseph S. Weiss, '09, 45 Burns Ave.; Hans Aman, '10, 1414

Wayne Avenue; Rev. Francis May, '11, University of Dayton; Francis Murphy, '11, 540 West Second St.; Clarence A. Tangeman, '12, 119 S. Philadelphia St.; Martin Kuntz, '12, Commercial Building; Alphonse Mahrt, '12, 424 Volusia Ave.; Torrence A. Makley, '13, 821 E. Harvard Blvd.; Edward G. Weber, '13, 4 Warren St.; Frank Kubkowski, '17, 1002 Rannals Ave.; Ralph S. Wirsching, '18, 228 Rockwood Ave.; Robert H. Hummert, '18, 1404 Grand Ave.; Charles A. Wassenich, '18, 100 Church St.; Norbert C. Bergman, '18, 603 Carlisle Ave.; Eugene C. Baczenas, '18, 200 Clayton Ave.; Henry L. Rost, '19, 640 Oak St.; Charles E. Taylor, '19, 715 S. Ludlow St.; Emil H. Kessler, '19, Baltimore St.; Carroll A. Hochwalt, '19, 508 Forest Ave.; William J. Boesch, '19, 528 S. Main St.

Amongst the out-of-town Alumni present were: Roman T. Gerber, '76, Chillicothe; William A. Noth, '76, Chillicothe; Rev. Joseph Burwinkel, '77, Cincinnati; Harry C. Busch, '96, Cincinnati; Frank A. Wickham, '09, Springfield; Rev. Francis A. Thill, '14, Cincinnati; Rev. Francis S. Smith, '14, Cincinnati.

Dr. James A. Averdick, '70 In reply to the invitation to attend the mid-winter reunion, Dr. Averdick informed us that he regreted very much that ill health prevented him from attending. Some years ago at one of the Alumni banquets, Dr. Averdick responded to the toast "The Future of St. Mary's" and he predicted a University compared to any in the country. We quote from his recent letter: "My college recollections are the happiest of my life and dear old St. Mary's has an indelible spot in my heart."

John P. Roger, '64 An Old Boy of Civil War days writes us the following: "I regret very much that I will be unable to attend a meeting of the Dayton Alumni. I would like very much to see some of the old faces that I was familiar with some fifty-seven years ago, but I doubt very much if many of them are living. I left the Dayton College in July, 1864. I have many pleasant recollections of the years that I spent there."

Rev. Joseph Burwinkel, '76 Father Burwinkel came up from Deer Park, Cincinnati, Ohio, for the Alumni meeting. He was formerly located in Dayton but now he is pastor of St. John's Church at Deer Park. He will celebrate the silver jubilee of his ordination next June.

Some Pittsburg Alumni **Rev. John C. Angel, '02**, is still pastor of SS. Mary and Anna Church, Marianna, Pa., a parish he organized in the year 1911. He is located in the model mining town of Pennsylvanai, where he has at the present time

a beautiful buff-brick church with a spacious basement. He is known to all people of the town and is their lawyer, doctor, business advisor, movie censor, their pacifier, their helper in time of need, and above all as the people love to call him, their Father. In the summer time he runs a little farm for them just outside the town, where the parishioners come and give a helping hand, and in return they can procure vegetables, etc. He is a busy man and doing well.

Rev. Ferdinand H. Angel, '02, of St. Koran Church, for the past thirteen years is managing a parish of over 800 families in Pittsburgh, the pastor being somewhat old and feeble. He is named the "irremovable assistant" of the diocese.

Rev. Aloysius C. Angel, '04, assistant at St. Martin Church, West End, Pittsburgh, at the recent annual convention of the County League of Catholic Societies, was elected spiritual advisor, defeating two other candidates and receiving 392 votes out of a total of 486.

The three Angel brothers are active members of the K. of C. and are always glad to meet any of the Old Boys who happen to be in Pittsburgh.

William Bogler, '10, is now the owner of a large restaurant in Wilkinsburgh, a select suburb of Pittsburgh, and is doing exceptionally well.

Frank Biesinger, '04, a member of the famous baseball and basketball teams of '03 and '04, is connected with the brewing interests of Pittsburgh and is as busy as a beaver developing a good substitute for the old fashioned amber fluid.

William Reith, '15, of Pittsburgh, will be ordained to the Priesthood at St. Vincent Seminary in June, and will read his First Holy Mass at Holy Name Church.

Earl J. Raney, '10 From the Golden West comes a letter stamped Los Angeles, Cal. It was from Earl J. Raney and this city of southern California is his new home. He says: "I am pleased to note that old S. M. C. has graduated into the University class."

John F. Clancy, '15 John's new address is 1546 Raycroft Ave., Lakewood, Cleveland, Ohio. To quote from his reply to our genral invitation: "I am very sorry I am not able to be with you this time but I will try and make it the next." Let's see you on Commencement Day, John.

Leon Anderson, '15 Leon Anderson called at the University January 21. He is still with the Atlas Powder Company. He has been transferred from his Houghton, Michigan, plant to the largest of the company's plants at Tamagua, about 100 miles from Philadelphia. Here he will have the superintendency of the contact sulphuric acid plant, the nitroglycerine production, nitric acid plant and control laboratory. He is doing exceptionally well and this transfer is a recognition of his good work at the Houghton plant which, under his direction, achieved the highest per cent of efficiency for the past year of all the Atlas Powder Company's plants. While here he was pressed into service at once and he gave the Junior and Senior Chemical Engineering students a most interesting hour's talk. His presence has contributed much pleasure and has awakened young ambitions to do as well as Leon has always done. Leon threatens to come back.

Robert A. Carton, '16 Bob writes us that he could not be present at the Alumni reunion because he is attending school at Georgetown University Law School. His home is in Ohio. Good luck to you, Bob.

William H. Crutchfield, '13 Bill is the representative of the Curtis Aeroplane and Motor Corporation at the War Department Air Service at Garden City, N. Y. He says the letter telling him of the mid-winter Alumni reunion reached him at such a time that the only method he could get to Dayton for the meeting was by aeroplane, a ride of six hours. But as weather conditions were adverse Bill decided he would rather be a "live" booster than a "dead" one. Besides sending his check to the Exponent he wishes to be remembered to all old friends at the University and amongst the Alumni. Bill sent copy of a book he has edited to Bro. Rappel of the Electrical Engineering Department. The title of the book is "Structural Analysis and Design of Airplanes."

The Kranz Brothers This is what Bernard H. Kranz, '13, writes us from Toledo when renewing his subscription: "It certainly gives me great pleasure to read the Exponent and it seems every issue is more interesting. I enjoy reading the Alumni Notes and I wish I could meet the Old Boys again." All the boys are in business with their father in the P. J. Kranz Co., Insurance, Real Estate and Loans, 239 Gardner Bldg., Toledo, Ohio. Albert, '11, is an attorney for the firm, Bernard, '13, is treasurer, Leo,

'10, is second vice-president, Karl, '13, is assistant secretary, and Gerald, '18, is assistant treasurer.

Leo P. Dolan, '17 Leo is a medical student at St. Louis University.

He says all the future doctors from old S. M. C. made a good showing in the mid-year examinations. Leo enjoys reading the athletic notes of the Exponent, and he hopes the time is not far distant when the U. of D. will meet St. Louis U. on the gridiron. Leo has played two years on the St. Louis eleven and next year "Red" Malloy will probably join the gridiron warriors of the big western U. Leo's address is 3759 W. Pine Blvd., St. Louis, Mo.

Carl J. Hahn, '18 Carl is in his last year of Textile Engineering at the Philadelphia College of Textile Engineering. After commencement in May, his class will take a trip through New England visiting all the types of mills. We hope to see you next June, Carl. Don't fail!

Aloysius D. Crowley, '19 Al is a chemist of the United States Department of Agriculture. He has been located at Madison, Wis., but in his last letter to Bro. Wohleben he says his branch of the service will be transferred to another part of the country.

Notes Edward Heile called at the University to visit his friend, Alvin Rabe of the Sophomore Engineering class. Ed says he and Joe Deddens, Leonard Niesen and Louis Freeman are still hard at work studying medicine at the University of Cincinnati. Mr. and Mrs. Frank Heile and the Misses Heile left Covington for a six weeks' tour of the South, Cuba and Panama.

Edward C. Purpus, '11, formerly of Covington, Ky., sent us his greetings for the Christmas season from 2025 D. E. Second St., Los Angeles, Cal.

Edward H. Dorger, of the commercial class '18, has joined the navy.

The new address of Edward Pfeiffer of Columbus, Ohio, is 413 East Gates St.

A little pink card reached the Exponent office and it brought this message: "Mr. and Mrs. Theodore Oppenheim announce the arrival

of Mary Rita on January 31, 1921." Ted is an alumnus of '14 and his address is 512 E. Main St., Coldwater, Ohio. A long and happy life to Mary Rita, and may she ever be a joy to the proud parents.

Wedding Bells The wedding of Marcellus J. Heile, '19, and Miss Mary Elizabeth Lukens took place at Covington, Ky., Tuesday, January 18. Edward G. Heile, '20, was best man for his brother. The honeymoon trip took them to the principal points of interest in the East. After February 1, Mr. and Mrs. Heile will be at home at Mt. Pleasant and Bellaire Ave., Ft. Thomas, Ky. Marcellus is doing fine in the chemical department of one of Cincinnati's biggest firms.

Emmet F. Sweetman, '04, was married at Urbana, Ohio, January 10. He writes us that because of his wedding tour he was unable to attend the Alumni reunion.

The exponent extends to you every good wish and heaven's blessing in your new career.

The wedding of Miss Dorothy Elizabeth Woodruff and Victor Emmanuel, '15, was held in New York City, February 2. After March 15, Mr. and Mrs. Emmanuel will be at home at 620 West 155 Street, New York City. Vic is presently in charge of his father's law office. Vic promised us a call whilst on his honeymoon through the West. Alma Mater's congratulations to you, Vic, and to Mrs. Emmanuel.

Mail sent to the following persons has been returned for want of a better address. Any persons better informed will kindly send us the correct address of these Old Boys. The names are:

- Mr. Edwin Zangele, Chicago, Ill.
- Mr. Edward A. Hall, Troy, Ohio.
- Mr. Frank Pierce, Kokomo, Ind.
- Mr. Joseph J. Cronan, Detroit, Mich.
- Mr. Joseph B. Ferneding, Dayton, Ohio.
- Mr. Harold McEntee, Dayton, Ohio.
- Mr. Louis Scheve, Dayton, Ohio.
- Mr. Leo A. Holland, Chicago, Ill.
- Mr. Edward J. Voss, Dayton, Ohio.
- Mr. Charles O'Brien, Cleveland, Ohio.
- Mr. John W. Quinlisk, Cleveland, Ohio.
- Mr. Sam Newman, Ft. Wayne, Ind.
- Mr. John J. Obermeier, Louisville, Ky.

Mr. Joseph L. Sutton, Cleveland, Ohio.
Mr. Fred Avery, Cleveland, Ohio.
Mr. William Avery, Cleveland, Ohio.
Mr. Ray O. Broadstone, Dayton, Ohio.
Mr. Herbert H. Engle, Dayton, Ohio.
Mr. George C. Hochwalt, York, Pa.
Mr. Clarence A. Nugent, Toledo, Ohio.
Mr. Louis J. Paulick, Dayton, Ohio.
Mr. Henry G. Schei, Cleveland, Ohio.
Mr. Emmet White, Dayton, Ohio.
Mr. Aloys Vogel, Dayton, Ohio.
Mr. Edward H. Berghoff, Ft. Wayne, Ind.
Mr. Gerald J. Weisner, Franklin, Ohio.
Mr. Walter S. Connors, Dayton, Ohio.

Obituaries

In the death of the Rev. Edward Hickey, pastor of Holy Trinity Church, Middletown, Ohio, the archdiocese of Cincinnati loses a zealous priest and the University of Dayton a warm friend. Father Hickey died at the Good Samaritan Hospital, Cincinnati, after an illness of several months. Four of his brothers are priests of the archdiocese. Rev. Charles Hickey is pastor of Sacred Heart Church, Dayton, Rev. George Hickey is located at Urbana as pastor of St. Mary Church, and the new chancellor of the diocese is Rt. Rev. Msgr. William Hickey, for many years pastor of St. Joseph Church, Dayton. Rev. John Hickey is pastor of Holy Name Church, Cincinnati, Ohio.

The death of Adam Schantz, one of Dayton's foremost business men, came as a shock to all the citizens of the Gem City. Mr. Schantz died suddenly of heart failure in the month of January, at Miami, Florida. He was a brother to William Schantz, an alumnus of the University. The Exponent in the name of the University extends its sincerest sympathy to the sorrowing relatives.

Col. H. E. Talbott, Sr., the father of Nelson Talbott, the U. of D. football coach, died very suddenly of heart trouble at Miami, Florida, January 31. Colonel Talbott was one of the leading engineers and financiers of Dayton and his death is a distinct loss to the community. A beautiful floral wreath was the gift of the student body in token of their sympathy to Mr. Nelson Talbott and the bereaved relatives. The Exponent wishes to offer in a very special way the condolence of the entire faculty and student body to Mr. Nelson Talbott in the loss of his beloved father.

Mrs. Rose Marie Weidner, the wife of Walter Weidner, '13, died February 2. Mrs. Weidner is the daughter of Mr. and Mrs. Herman Janning, 226 Bainbridge St., Dayton. All of her brothers attended the University. One brother, Bro. Joseph A. Janning, S. M., is one of the professors at Yokohama, Japan. Our sincerest sympathy to the bereaved relatives and we request the prayers of our readers for the soul of Mrs. Weidner.

The death of Mrs. J. Meinzing, mother of the Rev. George Meinzing, S. M., a professor at the University, occurred at her home in Baltimore, Md., January 17. Father Meinzing was the celebrant at the solemn funeral services held at St. Michael's Church. We recommend the soul of Mrs. Meinzing to the prayers of our readers.

The Mid-Winter Alumni Meeting The Third Mid-Winter Meeting was held, Wednesday, January 19, 1921, in the old First Division clubrooms. Though not as elaborate as the meetings of 1914 and of 1915, the meeting of 1921 marks the re-establishment of an invigorated Alumni Association ready and enthusiastic to help plan and build a Greater University of Dayton. The pleasant hours spent by the Alumni Class.

Mr. Joseph Murphy, '01, a prominent lawyer of the Gem City and President of the Alumni Association, opened the meeting, introducing Mr. Martin Kuntz, '12, as chairman of the evening. In the name of the President of the University, who was ill at the time, Rev. Francis Kunnecke, S. M., '07, Vice-President, extended a hearty welcome to the Old Boys. Bro. Ulrich Rappel, '02, Professor of Electrical Engineering, recounted the progress Old St. Mary's has made, explained the change of name and announced the new plans to be carried out during the next scholastic year, 1921-'22.

After manifesting their hearty enthusiastic approval of all that had been said, the social side was next attended to. Various games were indulged in, interrupted only by the serving of an attractive luncheon from the University kitchen. Bowling, billiards, pool and card-playing and music till the last hour of the evening aided to make the meeting a success.

We hope in the next issues of the Exponent to announce the formation of new Alumni Chapters and the reorganization of the original one.

The Fifth Japanese Scholarship

On hand\$734.81

Recent Contributions

Wm. Kloempken, \$2.00; N. N., Chicago, \$2.00; Anna Osterkorn, \$1.00; Aloys Walser, \$1.00; Theresa Baier, \$1.00; Gerhard Resh, \$1.00; Anna Resch, \$1.00; N. N., \$1.00; Henry Frische, \$5.00; John P. Daleiden, \$5.00; Louisa Huber, \$2.00; Michael Sieben, \$2.00; N. W. Resch, \$2.00; Mrs. Caroline Mueller, \$1.00; Miss Elizabeth Mueller, \$1.00; Martin Butzen, \$1.00; Catherine Hambrecht, \$1.00; Amalia Tripp, \$1.00; Ignatz Kathrein, \$1.00; Mary Merfy, \$1.25; Angela Rieger, 25c; Helen Keller, 50c; John Leies, \$5.00; Caroline Leies, \$5.00; Catherine Kummer, \$2.00; Barbara Schomer, \$1.00; Mary Schloeder, \$1.00; Marianna Free, \$1.00; Johanna Hill, \$1.00; Gertrude Bishop, \$1.00; Lucy Johann, \$1.00; Emelia Vogel, \$1.00; Catherine Brandenburg, \$1.00; Catherine Toussaint, \$1.00; Cecelia Schmitz, \$1.00; Felicitas Ellwanger, 50c; Miss Anna Resch, 50c; Elizabeth Becker, 50c; Marianna Koegel, 50c; Anna Schneider, 50c; Alma Schneider, 50c..... 60.00

Total Cash on hand, February 1, 1921\$794.81

We likewise make grateful acknowledgment of receipt of the annual scholarship of \$60.00, which has been offered regularly since 1908 to the Apostolic School of Urakami by Notre Dame Academy of this city.

University Chronicle

JANUARY EXAMINATIONS

Collegiate Department

Senior Chemical Engineering—Henry Stang, 90; John Halpin, 89.
 Senior Electrical Engineering—Walter Curtis, 94; Andrew Kuntz, 90.
 Junior Arts—Herbert Abel, 98; Ray Kitsteiner, 94.
 Junior Chemical—Joseph Murphy, 92; Edward Sander, 84.
 Junior Electrical—Anthony Horvath, 97; Edward Finan, 97; Rene Cros, 96.
 Junior Mechanical—Ralph Pauly, 97; Stephen Maloney, 82.
 Sophomore Arts—Ades Cholley, 86; Robert Von Koemel, 86; Michael Maher, 83; Edmund Klass, 83.
 Sophomore Engineering—Elmer Steger, 98; Alvin Rabe, 96; Walter Winterhalter, 92; Alfred Poliquin, 90.
 Sophomore Pre-Medics—John Panos, 83; Victor Laughlin, 80.
 Freshman Arts—Donovan McCune, 90; John Holtvoigt, 89.
 Freshman Engineering—A—Rober Dill, 90; Lewis Sherer, 90; Richard Sayre, 89; Matthew O'Boylan, 88; Harold Melia, 88.

Freshman Engineering-B—Frank Willaims, 92; John Hunzicker, 91; John Paul, 90; Maurice Aufderheide, 88.

Freshman Pre-Medics—Bernard Weitzel, 86; Herbert Smith, 86; G. Grout, 85.

Preparatory Department

Fourth High-A—Ernest Lamoureux, 95; Joseph Koehler, 94; Norbert Hellman, 91.

Fourth High-B—Carl Ramus, 93; Fred Meade, 91; Albert Zettler, 90; Paul Fox, 90; Joseph Higgins, 90.

Third High-A—Vincent Koepnick, 97; Charch McGee, 96; George Krug, 94; Maurice Reichard, 92.

Third High-B—Albert Tischer, 93; Edward Van Leunen, 92; Richard Bettinger, 92; Charles Himes, 87.

Third High-C—Edward Keefe, 94; James Hannegan, 91; Martin Murphy, 91; Thomas Hackett, 90.

Second High-A—Walter Paul, 96; Louis Schulze, 96; Herman Brunner, 95; Willaim Carey, 95; Lawrence Monheim, 95.

Second High-B—John Price, 96; William Oldt, 95; Louis Stuhldreher, 95; Edward Gibbons, 92.

Second High-C—Herman Reboulet, 98; Eugene Guswiler, 98; Jerome Gibson, 97; Thomas Kirk, 96; Louis Mahlmeister, 96.

Second High-D—Norbert Stechschulte, 94; Joseph Scott, 92; Robert Minnerup, 91; Lawrence Staub, 89.

First High-A—William Feree, 98; Edward Haft, 95; Albert Schreck, 93; Jos. Kelly, 87; William Heindl, 87.

First High-B—Louis Podesta, 96; Francis Owens, 96; James Tancred, 92; Charles Lowry, 90.

First High-C—DeWitt Ashton, 98; Richard Schneble, 97; Cletus Corbett, 97; John McBride, 96; William Buerk, 95.

First High-D—James Sherman, 99; Louis Gitsinger, 99; Thomas Gallagher, 96; Richard Scherer, 93.

First High-E—Cyrill Stein, 99; Leo Goetz, 94; Humbert Zimmer, 93; Paul Buckloy, 93; Harold Deis, 92.

Business Department

Senior Business—Vincent Brunner, 85; Alex Millmon, 85; Evarist Freiria, 82.

Junior Business—Clifford Theobald, 95; Joseph Westbrook, 94; Ralph Weidner, 92; Shirmer Brown, 91; Joseph Yearling, 91.

Eighth Grade—Howard Crush, 97; Clifford, Magly, 96; Amer Keller, 96; Francis Preston, 95.

UNIVERSITY CALENDAR

February 20, 1921—March 20, 1921

Sunday, February 20—General Communion Day.

Monday, February 21—Officers' Meeting of the H. N. S.

Tuesday, February 22—Washington's Birthday. No classes.

Thursday, February 24—Basketball—Baldwin Wallace College at Dayton.

Monday, February 28—Sodality Meetings.

Friday, March 4—First Friday. Basketball—Bethany College at Dayton.

Monday, March 7—Sodality Meetings.

Thursday, March 10—Basketball—Muskingum College at Dayton.

Monday, March 14—Branch Meetings of H. N. S.

Thursday, March 17—St. Patrick's Day.

Friday, March 18—Basketball—Toledo University at Dayton.

Saturday, March 19—St. Joseph's Day. The President's Nameday.

Sunday, March 20—Palm Sunday. General Communion Day.

Attendance

Owing to the many educational facilities furnished by the University to various classes of students, and on account of its co-operation with the Knights of Columbus Evening School, the University has a record-breaking attendance. The latest statistics are:

K. of C. Evening School	1581
College and College Preparatory	760
Extension Courses	74
Normal School	80
Total	2495

Examinations

The return from the Christmas holidays inaugurated a period of earnest review in preparation for the mid-year examinations. These were held in all classes on January 24, 25 and 26. The following day was a free day. Besides the usual recreation provided on such days, there was an entertaining movie in the evening. The results of the examinations were read in the various departments on February 1.

K. of C.

Radio Course

The first well-organized school in wireless telegraphy in this part of the Middle West has been opened at the University by the Knights of Columbus. The instructors are Roy Stanley Copp, assisted by Ford Studebaker. Both instructors are connected with the Radio laboratories of McCook Field and were engaged in radio work in the air service during the war. Forty men have already enrolled. The school in wireless telegraphy proposes to prepare every man to become a commercial radio operator and to give all who desire an opportunity of studying wireless telegraphy as a science.

Knights of St. John Com. No. 104

The President, Rev. Joseph A. Tetzlaff, S. M., was the guest of the St. George Commandery No. 104, Knights of St. John, at their regular meeting on Sunday, December 12. On their request he addressed the members explaining the different educational works conducted by the University. This Commandery was the first Catholic organization in Dayton to endow the University with a permanent scholarship for a non-resident student of the Collegiate Department. The scholarship covers all the expenses of a four-year course. It was founded in 1907. The Reverend President was pleased to give the address as a mark of his appreciation of the Commandery's interest in Catholic education.

The National Four

On January 11 this quartette of entertainers furnished an original, wholesome and pleasing program to the patrons of the University Lyceum Lecture Course. There was a variety of popular tunes, violin solos, pianologues, dramatic and humorous readings. The National Four were applauded with great enthusiasm and received sincere praise.

Luring Shadows

Under the auspices of St. Anthony Parish and of its active pastor, Rev. Kuenle, "Luring Shadows" was shown in the University Auditorium in the afternoon and evening of January 23 and 24. This photo-play is another production of the Catholic Art Association. It has

an interesting story, abounds in pathos and teaches a strong moral. The musical program was in keeping with the play. The several audiences were all enthusiastic in their commendation of the picture.

Poluhni

If all's well that ends well, then this Season's Lyceum Lecture course was a success. Poluhni, a great illusionist, a splendid entertainer, a unique story-teller and an agreeable personality, kept an exceptionally large audience in the University auditorium spellbound with wonder and delight. All were pleased to renew his acquaintance. There was greatness and celerity in his tricks, every word and movement was that of a finished performer. The musical numbers with the Swiss bells and organ chimes were artistic and gave pleasing variety to the program.

Rev. William H. Agnew, S. J.

The Social Action Department of the National Catholic Welfare Council has organized a series of special lectures for students at Catholic colleges and seminaries for the purpose of making them familiar with the Catholic principles of social philosophy so that they may one day diffuse them among the people at large. Rev. William H. Agnew, S. J., Editor of the "Queen's Work," one of the lecturers co-operating with this Social Action Department addressed the students on "The Church, the World's Greatest Social Agency." The lecture was marked by truth and depth of doctrine, strength of argument, earnestness of appeal, to say nothing of its literary worth and eloquent delivery. All the students of Sociology and of the other Collegiate-classes together with the upper classes of the College Preparatory Department attended. Their intense attention during the lecture and continued applause at its close were marks of appreciation. The students and the faculty thank the Reverend Lecturer and the Social Action Department of the National Catholic Welfare Council for the instruction given.

Peter's Pence

All of the students generously responded to the Archbishop's appeal in behalf of the Holy Father. The Peter's Pence collected during the past month in the various classes amounts to \$286.39. This more than doubles the amount collected last year and is the highest sum ever contributed by the student body for Peter's Pence. The students of First High-E have the distinction of having the highest average offering. Their contribution of \$28.00 averages eighty cents per student.

The University of Dayton Exponent Club

The University of Dayton Exponent Club is rapidly developing in prestige. At the "Twelfth Night Session, a social gathering, a varied and delightful program was rendered by club members. An interesting talk by Mr. McCune various musical numbers, including an original composition "That Wonderful Sweetheart of Mine," written by Messrs. Abel and McCarthy, vocal selections and dramatic readings all combined to make a very enjoyable affair. At the February Business Meeting, internal business was discussed. The Social Meeting for February, the "Mardi Gras Session" was held on February 8th in the Alumni Room. The committee in charge prepared a very entertaining program manifesting the pre-Lenten Season. The program follows:

PROGRAM

A Real Bracer Melia, McCarthy
Address—Mardi Gras H. Smith

Song—"If I But Knew"	Curtis, Maher
Negro Impersonations	Carl Crane
Lincoln, Emancipator and American	D. H. Abel
Saxophone Solo	A. McCarthy
Reminiscences of "Judge"	A. H. Hemmert
Death Bed of Benedict Arnold	D. H. Abel
Song—"Dear Old Dad"	

Melody written by A. McCarthy

Words composed by D. H. Abel

D. HERBERT ABEL.

R. O. T. C. Notes The training staff of the Military Department is now nearly complete. The War Department has had considerable difficulty in obtaining the proper class of men for this duty but we seem to have been unusually fortunate in the ones sent here. Sergeant Kramer received his much deserved promotion just before the Christmas Holidays and is now Warrant Officer Kramer. In addition to him we now have with us Sergeant Walter Ervin, who was a captain during the war and has nearly twenty years' service; Sergeant Oscar R. Cecil, late of the 10th Infantry, and Sergeant Wayne Schoffstoll, formerly of the 40th Infantry.

The Inspector is to visit us this month and we are hoping to make a creditable showing. We have been spending a great deal of time lately in getting the proper precision and snap in the drill and there has been a wonderful improvement.

The summer camp for the R. O. T. C. is to be held in Camp Knox, near Louisville, Kentucky, this year. Lets get together, boys, and send a live wire delegation to represent the University of Dayton. It is a chance to get a six-weeks' vacation, all expenses paid by Uncle Sam, and a wonderful opportunity to meet and talk with students from other institutions. After all you will find that "good old U. D.," while it is not run to suit you is no worse than the others and a whole lot better than lots of them. If you don't believe it go and find out. Remember your uncle pays the freight.

As a result of the showing made in the first term officers and non-commissioned officers for the Battalion have been announced for the second term. They are as follows: Major Winterhalter; Captains Hieber, Laughlin, Melia, Derby, Lamoureux, Wintermeyer; First Lieutenants Young, Dwyer, Richardson, Scharf, Hagan, Lander; Second Lieutenants Janning, Kramer, Frischkorn, Holtz, Sullivan, J. P., Gwinner, Piatt; First Sergeants Maloney, Supenski, Amersbach, Bach, Corbett; Sergeants Rohr, Konwinski, Fritz, Rabbitt, Pohl-meyer, Flowers, Sweeney, Keuping, Hemberger, Hughes, Platten, Sullivan, G. N., Aufderheide, Maloney, J., Poliquin, Collins, Paulus, Van Arnhem, Clifford, Johnson, Wong, Tsu, Glynn, Tague, Minaugh, McGovern, Deible, Koehler, Cogan, Wagner; Corporals Sherer, Stelzer, Holtvoigt, Petkewicz, Bremer, Kruthaup, Rosenberger, Knoedler, Maag, Sweetman.

J. R. HILL.

Music Notes Following is the program of music rendered by the U. of D. Student Orchestra at the Reunion of the Alumni, January 19, 1921: March, "Yankees from the U. S. A.," Lake. One Step, "I Want to Go to the Land Where Sweet Daddies Grow," H. V. Tilzer. Selection, "Evening Slumbers," Mercadante. Waltz, "That Old Irish Mother of Mine,"

H. V. Tilzer. Irish Airs, "Wearing of the Green," "Killarney," "Come Back to Erin." Waltz Song, "Alabama Moon," Green. Swaying Fox Trot, "Barcelona," Wheeler. Waltz, "Colleen o' Mine," McDonald. Old Popular Airs, "Darling Nelly Gray," "Juanita." Waltz Song, "On Miami Shore," Jacobi. Waltz, "Naughty Hawaii," Sanders. "Old Folks at Home," Foster. Waltz, "Sleepy Hollow," Klickman. March, "S. M. C., Lurz." "Home Sweet Home," Bishop. "Star-Spangled Banner," Keyes.

Athletic Notes

VARSITY ATHLETICS

Hard Luck!

The last month saw the team run up against the best teams in the middle west if not in the country. Mt. Union, rated as a top-notch in the Ohio Conference, defeated our lads mainly through lengthiness. On a trip through Indiana, Valpariso U., Wabash College and Notre Dame each trimmed our basketball players after a gallant fight, the former using their superior size and weight to great advantage. De Paul was met at Chicago and the red and blue also hit the dust there after a hard fight against the Windy City crowd. Considering the teams met, the Varsity did wonderfully well. Injuries took good men from the line-up but nevertheless the boys stuck it out grimly and fought every inch of the way.

Varsity—17 Mt. Union—27

In one of the best played "football" games ever seen on a local basketball court, Coach Thiele's Varsity five lost to the Mt. Union basketball players by a score of 27 to 17.

It could not be classed as a clean exhibition of the gridiron sport, as most of the tackling was around the neck, while tripping took a prominent part in the evening's festivities. When the crowd yelled "hold 'em," both sides took it literally and held on to their opponents for all they were worth, keeping Sammy Fleet busy trying to pry them apart.

It was anything but a good basketball game. The passwork was about as wild as the weather outside the gym while the basket shooting of both squads might have done credit to a grammar school team.

For a short time after the game started it had the earmarks of a real contest. Shorty Emrick evaded his man and looped a nice one through the hoop only to have his feat duplicated by Wagner a short time after. McBride then hooked one from the foul line but Barlow did likewise and the teams were again on even terms.

"Biddy" got another one from the free line giving Varsity the lead but Wagner tossed one in from near the side of the court putting the Mounts out in front where they remained throughout the rest of the fracas.

When the initial half ended the visitors had a four-point lead the score standing 14 to 10.

The second half was simply a repetition of the opening period with Mt. Union managing to retain a small lead until near the close of the game when some pretty shooting on the part of Wagner and Evans gave them an advantage which the red and blue could not overcome.

"Duff" McBride, all-state center last year failed to live up to the advance notices handed out about him. "Rookie" Summers watched him so closely that

he failed to locate the net on a single occasion although he did drop in nine from the foul line.

Heinie Wagner at forward was the sparkler for the Mounts as far as scoring was concerned. He succeeded in zipping the ball through the net five times while Evans, his running mate was not far behind with four fielders to his credit.

The Varsity lads were away off color when it came to basket shooting. They had many open shots but did not seem to be able to drop them through the hoop. Barlow did locate the net on three occasions while Emrick and Summers each counted once.

U. of D. (17)	Pos.	Mt. Union (27)
Emrick	L. F.	Wagner
Barlow	R. F.	Evans
Summers	C.	McBride
Koehly	L. G.	Sprinkle
Supenski	R. G.	Ruch

Substitutions—For Mt. Union: Meyers for Ruch. For Dayton: Kronauge for Emrick.

Scoring for Mt. Union—Field goals: Wagner 5, Evans 4. Foul goals: McBride, 9 out of 11.

Referee—Fleat.

Time of halves—20 minutes.

Varsity—15

Special to the Journal: "The University of Dayton was

Valparaiso U.—38

defeated here by Valparaiso. The final score was 38 to 15.

The game was not so one-sided as the result would indicate. The Ohioans were giving a good account of themselves until injuries forced the retirement of Captain Summers, center, and Biddy Barlow, forward, late in the first half.

"With Summers and Barlow missing from the lineup the University of Dayton lads found it impossible to hold the Valparaiso combination and the Hoosier team soon took a commanding lead.

The guarding of the local aggregation was exceedingly airtight. The visitors found it difficult to get close to the hoops at any stage of the contest."

Lineup:

Valparaiso (38)	Pos.	U. of D. (15)
Harris 16	R. F.	Barlow 9
Bradley 5	L. F.	Farley 6
Conley 6	C.	Summers
Eckland 9	R. G.	Koehly
Davidalt 2	L. G.	Supenski

Varsity—12

U. D. Varsity stacked up against a trojan when they hit

Wabash Col.—42

Wabash College. The Hoosier lads had won 18 games previous to tackling Dayton and won all by large scores.

Our gang put up a good battle considering that they lost the services of "Pete" Koehly, "Sup" Supenski and "Irish" Farley because of injuries.

Lineup:

Wabash (42)	Pos.	U. of D. (12)
Sheeley 6	L. F.	Barlow 2
Sharlarb 6	R. F.	Farley 4, Emrick 2
Goldsberry 11	C.	Summers
Burns 10	R. G.	Supenski 4
Grater 11	L. G.	Koehly

Varsity—19**Notre Dame—42**

Special to Journal: "The University of Dayton basketball quintet went down to defeat here losing to Notre Dame University by the score of 42 to 19. The visitors had many opportunities to fatten their score, but failed to do so because of their inability to locate the basket.

Supenski, guard, and Emrick, forward, played the best game for the University of Dayton, while Mahre was the shining light for Notre Dame. Koehly, who was injured in the Wabash game Thursday evening, was unable to get into the lineup."

Notre Dame (42)	Pos.	U. of D. (19)
McDermott 18	R. F.	Farley 4
Grout	L. F.	Emrick 6
Mahre 12	C.	Scharf 2
Kiley 6	R. G.	Summers 2
Anderson 6	L. G.	Supenski, Barlow 5

Varsity—20**DePaul—33**

Special to Journal: "The University of Dayton was defeated by DePaul University of Chicago, 33 to 20. The game was rough throughout and it was only by the hardest kind of playing that the locals were able to defeat the Dayton lads.

"The Dayton team showed the greatest fight ever witnessed on a local court, notwithstanding the fact that they were compelled to play the sixth man, whose decisions brought nothing but yells of dissatisfaction from the spectators.

"The visitors were badly crippled in the last few minutes of play when Supenski had to leave the game with an injured knee. He was rushed to a doctor and will probably be compelled to stay here for treatment. Supenski and Farley starred for the visitors."

De Paul (33)	Pos.	U. of D. (20)
Bennett 6	R. F.	Farley 10
Fisher 12	L. F.	Emrick 2
Tisford 17	C.	Scharf 2
Pendegrastr	R. G.	Summers 2
Pierre	L. G.	Supenski 2, Barlow 2

Varsity—38**Defiance Col.—20**

With every man on the team taking his turn at putting the pill in the pail, the University of Dayton five won a handy victory from the Defiance College quintet by a score of 38 to 20. The score is a good indication of the relative strength exhibited by the two aggregations. The varsity crew displayed a much better brand of basketball than they showed on their last appearance on the South Park court. They worked together better showing a vast improvement in their team work.

The visiting collegians had a small, well balanced team, but were unable to fathom the airtight defense of Thiele's lads. So close was the guarding of Summers and Supenski that opposing forwards were forced to take long shots at the basket, seldom getting in the open anywhere near the net.

Barlow started the scoring early in the fracas with a neat ringer from beneath the basket and followed it with another shortly after. They hung on to the lead throughout the game. The red and blue had six points before Rector scored for his team by counting two field goals. When the first half ended the score was 22 to 11.

Defiance looked much better in the final period. They started out with a rush and DeVries had the fans worried when he dropped three through the

net in rapid succession from near the center of the floor, making the count 22 to 17. The varsity soon hit their stride again, however, and with Barlow and Summers locating the ring they regained their comfortable margin.

Biddy Barlow played the best game he has shown this year. He was all over the floor and was the leading scorer of the evening, garnering seven fielders. Farley was also in the limelight with four ringers, although he missed a number of easy chances at the basket.

Rookie Summers played a whirlwind game at guard. His floor work was high class, and he also broke into the scoring column on three different occasions.

For Defiance, Rector and DeVries, at forwards, both displayed good form. The later-hooked four from the field, while his running mate collected three. Both are little fellows, but they are dangerous men in the open.

It was a well-played game with both aggregations devoting their entire time to playing basketball and the absence of all rough work made the play more interesting. The lineup and summary:

U. of D. (38)	Pos.	Defiance (20)
Barlow	L. F.	Rector
Emrick	P. F.	DeVries
Farley	C.	Schutt
Supenski	L. G.	Rice
Summers	R. G.	Hall

Substitutions—Gerber for Summers, Summers for Farley, Farley for Barlow. Field goals—Barlow 7, Farley 4, Emrick 3, Summers 3, Supenski 1, DeVries 4, Rector 3, Schutt 1. Foul goals—Barlow, 2 out of 7; Rector, 4 out of 9. Referee—Mahrt. Time of halves—20 minutes.

INTER-CLASS BASKETBALL

A strong four-team league of Inter-class quintets assures some hot fights in the inter-class fight this season. The various aggregations have been faithfully practicing and are in shape for the opening game. A nifty schedule of twelve games per team has been arranged and judging from active interest some lively tussles are in store for the student spectators.

Seniors The Seniors have a fine aggregation of players. Thompson, Horan, Weckesser, Lienesch, Kuntz and Kuhn are the material "Rookie" Summers has to pick a team from. They have been practicing faithfully and ought to put up a real battle for the cup.

Juniors "Hank" Griesmer, Huesman, Kirby, Schmitter, S. Maloney and R. Gerber are the men in whom Coach Henry Faas of the Juniors places his hope for the cup. Faithful practice assures the Juniors a good squad.

Sophomores Coach Emrick has a job on hand picking his team with the men out in such numbers. Brown, Rabe, Wagner, Knechtges, Damm and Paulus are all good men to say nothing of Ferd Miller and Agnew. This gang will make a likable quintet and it will take more than an ordinary bunch to stop them.

Freshmen Coach Scharf has a "peppy" troupe out and the historical Freshman "ginger" is noticeable. Melia, Sullivan, Johnson, Garrity, Clifford, Flowers and Carmony ought to be there when the final games roll round.

Games played:

Seniors 10, Juniors 16, Sophs 3, Freshmen 25.

U. D. PREP ATHLETICS

Avenged!

The U. D. Preps closed another successful month of their basketball campaign by decisively avenging a defeat sustained previously at the hands of the stronger Elder Hi quintet of Cincinnati. The Queen City five proved rather sturdy and serious contenders of the pill-tossing laurels when they bitterly nosed out the red and blue by a lone counter. However, the Preps came back strong and handed the Elders a rather severe lacing if we are to judge from the 13-2 count at the initial 20 minutes of play. The second win the Preps registered on the credit side of their ledger this month was at the expense of Catholic Hamilton Hi. Under the experienced coaching of Mr. Paul Lander, the Hamilton lads have become adept at the great indoor winter pastime and for a time threw a scare into the U. D. Prep followers. But the red and blue by their superior teamwork again emerged victors by a 39-13 score.

To date the Preps have annexed five wins and one lone defeat. Scoring 184 points to their opponents' 86 is evidence enough to their excellent defensive as well as to their brilliant offensive. Success to you Preps and may you defeat Elder in your third encounter.

U. D. Preps—39 Hamilton Catholic High School had its string of basketball victories shattered when it encountered the University of Dayton Preps on the latter's floor and lost by a score of 39 to 13. The first half of the tilt was fairly close, with the Preps finishing the period on the long end of a 17 to 10 count. In the second half, however the locals struck their stride and shot basket after basket at the same time apparently bewildering the visitors by the speed of their play. The last half of the struggle resulted in the Preps scoring 22 points to Hamilton's 3.

The defeat of Hamilton can be largely attributed to the pass work of Captain Boggan, Ball and Bach, who featured the evening's play by their personal work on the floor and in handling the ball. The guarding of Mahrt and Whalen was also commendable. Mullemer was the particular star for the visitors getting six of the team's 13 points. Line-up:

Hamilton (13)	Pos.	U. of D. (39)
Marr, capt.	K. F.	Boggan, capt.
DeRyan	L. F.	Bach
Mullemer	C.	Ball
Karb	L. G.	Mahrt
Froelke	R. G.	Whalen

U. D. Preps—16 The U. D. Preps lost their first game of the season when
Elder High—17 they were nosed out by Elder High in the last few minutes of play, by a score of 17-16.

"Chubby" Whelan of the visitors scored the first point by dropping the pill through the net after five minutes of play. "Pete" Boggan came through with a point obtained in the same manner soon after. Here the local lads took a comfortable lead by a basket by Ball and two fouls by Boggan. The visitors' score came in the last part of this period and boosted the score to five points before the whistle blew ending the half with the count 5 to 5.

The second half found no let up on either team. Again the visitors started the scoring with a free throw. Two baskets in rapid succession by the Preps put them in the lead which they held till the last minute of play.

With the score 16 to 13 Altenan located the hoop twice, the last one being of the spectacular kind from the middle of the court. The game ended with the ball in the local's hands but they failed in several attempts to cage the oval. Lineup:

Elder High (17)	Pos.	U. D. Preps (16)
Pickley	R. F.	Boggan
Christen	L. F.	Hellman
Oehlers	C.	Ball
Whelan	R. G.	Mahrt
Altenan	L. G.	Whalen

Substitutions—Elder: Oberding, Schweer. Preps: Gilfoil. Scoring—Preps: Boggan, Ball 3, Mahrt. Elder: Pickley, Oberding, Schweer 2, Altenan 2. Fouls—Christen, 4 out of 7; Whelan, 1 out of 1; Boggan, 5 out of 9; Gilfoil, 1 out of 1. Referee—Fleet. Time of halves—20 minutes.

U. D. Preps—16 With both teams playing fast ball, the University of Dayton Preps administered a stinging defeat to Elder High School at Cincinnati, by the score of 16 to 12.

The Preps won their victory by speedy work on the part of their forwards and center. On the defense they were just as strong and careful. Heady work by the guards kept the Cincinnati team away from the basket.

The first half of the game ended with the score 13 to 2 in favor of the Dayton lads. After three minutes of play Boggan scored the first basket and followed a few minutes later with another. Ball made two in quick succession. After Boggan had made three free goals, Bach brought the Dayton points to 13 with a field goal. All the Queen City team could make in the first period was one field goal.

The tide changed in the second half of the game. The Elders came out with a great display of pep, enlivening the game by making ten points. With the score 13 to 12, Boggan counted a goal from field and Ball followed with a foul.

DIVISION ATHLETICS

Junior Preps The Junior Preps are certainly going at a pretty lively clip in basketball. Thus far they have won every game played, making it ten straight victories and registering 270 points against their opponents' 75. They have defeated the Eastwood Juniors 18-8; Blueprints 14-10; Montgomery A. C. 29-0; Eastwood Tigers 55-5; Royals 25-4; Marmons 17-10; Orions 38-10; Comers 30-8; Rangaboos 22-8; the strong Moraine Park High 22-12, and Middletown 26-15.

The Juniors' fondest hopes are to go through the season with a clean slate. With the classy work of Burdick and Mahoney at center; the tight guarding of Thesing, Falkenbach and Murphy, and the accurate shooting of Chester, Hackett and Amorosi at the forward positions, they should easily accomplish this feat. Coach "Pete" Boggan has every reason to be proud of the splendid scoring machine he has developed. Here's hoping for continued success.

Junior High Division League Every evening about 6:30 a battle royal may be witnessed on the university gym floor. At this time the Juniors stage their big league games. The scraps for the pennant, which is to be awarded to the best team at the end of the season, is always intense on the part of the players and most interesting for the spectators. The standing of the league up to date is:

	Won	Lost	Pct.
Ohio	4	3	.571
Center	1	7	.125
Princeton	5	3	.625
Harvard	3	4	.429
Detroit	3	4	.429
Columbus	6	1	.857
Yale	9	0	1.000
Dayton	1	7	.127
Colgate	3	5	.375
Latin	3	4	.429

Soph Preps

Displaying the same excellent brand of athletics and sportsmanship as they did on the gridiron, the Soph Preps are achieving a remarkable record likewise on the court. Out of five games this season they have but once tasted defeat and that by a lone counter after they had put up a whale of a game. The contest that proved to be the big noise of the season was the one with Moraine High Seconds. The Soph Preps surely stepped out of their class when they met this husky aggregation and sent them down to a decisive 31-15 defeat. It took the entire first half to get the Sophs' scoring machine going, but once started there was no stopping it. The second half opened with that brilliant offense which has given the Sophs such a reputation at the U. of D. Basket followed basket in rapid succession. The subs were then given a chance and performed creditably well. Cleary, Crow and Bach showed up best for the Sophs though Knechtges, Shaw, Measley and Williams also displayed rare form.

Too much credit for such an all round smoothly working team can not be given their earnest and devoted prefect, Bro. William. He has developed a team that combines with accurate shooting and flashy passwork the zip that wins games. Success to you, Sophs, and continue your excellent work!

Freshies

The Freshies are establishing an enviable record in the court game. Capt. Zimmer and "Billy" Lukaswitz make up a formidable defense while Seifert is tipping them off nicely from the pivot to Happer and Stein at forward. They have lost but one of the nine games played. Mgr. Reineck has arranged a schedule for the balance of the season that will give the team the stiffest kind of opposition.

The "Freshy Cubs" have the smallest court team at the U. These youngsters average about 90 pounds and are attracting much attention by their aggressive style. Thus far they haven't tasted defeat. The lineup is as follows: Captain Roberts and Kender at forward; Cronin at center and McMillen and F. Cunningham at guard, with Vogel, Megerle, Ray, and J. Cunningham ready at a moment's notice.

Two division leagues are eliciting much enthusiasm. In the Senior League the Buffaloes are leading with a two-point margin while the Beavers, Tigers, Wild Cats and Elks are trailing them. The Orioles head the Junior League.

NON-RESIDENT ATHLETICS**Panthers**

Although defeated in two contests by a lone point, the Panthers are eliciting favorable comment because of their excellent showing in their eight wins this season. The team is rather light but has entirely offset this by their speed in passing, dribbling and side-step-

ping. Especially good in this respect has been the trio of forwards consisting of Precht, Solimano and Meyers. Buckley at guard is also an adept in eluding his opponents when it comes to the offense. Capt. Gitzinger at guard has been the great find. Although rather ungraceful, this guard has proved his worth by allowing but few forwards to evade him. Tancred and Saettel at center are also showing up well, while Bushman is developing into a nice little forward. Since the last issue of the Exponent, the Panthers defeated the Yellow Jacket Juniors, the Metcalf All Stars, the Sibcas and Emerson. The only team to register a defeat against the Panthers was the speedy Paramount five by a 26-25 score.



SCANDALS FOR FEBRUARY

Here's to the Irish and Donovan McCune
Our Master of Latin Verse.
Now, really, Mac, speak forth the truth,
Don't you think that stuff is a curse?

And to you, our little tow-head:
Steve Emrick of dancing fame.
You tell 'em Steve, you know your stuff,
(U. Sezzer Guy's) my name.

To our good looking friend, V. Maloney,
The boy from the Emerald Isle,
His favorite dish he tells us
Is corned beef and cabbage when biled.

And now for the oil can, R. Blackburn,
The butterfly boy of the U.,
Good looking and clever, well—we'll admit:
But tell us the truth—is it true?

No (Herb) we didn't forget you,
We know what you're (Abel) to do
But perhaps the "Porter" will soon be allowed
To paddle your little canoe.

Bill Focke it looks like you're next in line
As you can plainly see
We just wann'na know, if your saying still holds,
"They all look alike to me."

Say Bill Kramer, "Would you?"
 If somebody said "You could."
 We're waiting for your answer, Bill,
 "I hope to tell yuh I would."

To you "Your Honor, Judge Hemmert"
 Whose wonderful writing on Divorce
 Has sent many a strayed-away couple
 Again on the straight-away course.

And now for our "wee Little Half Pint,"
 Poliquin, you surely are small;
 Just eat lots of onions and sleep in the dark
 And maybe some day you'll grow tall.

Why how could we forget you McInerhney,
 When you're smiling the live-long day.
 "Isn't he cute," now Mac, that's the truth,
 That's what the girlies all say.

And now for our friend Carl Mueller,
 "The Sheckel King of the U."
 Tht's right, Carl, keep raking them in,
 I'd do it if I were you.

And here's to you, Mr. Garrity.
 We know you never bluff,
 You even told your Greek Prof.
 "Why, H—I, I don't know that stuff."

With pencil in hand, on the line get set
 Be ready for the tap of the gong.
 The race will soon start, for the time is at hand
 To write the "New University Song."

And last but not least to the boy Dominic,
 I think his last name is Donisi.
 In writing these verses it was very hard,
 But this one was surely "Don-Easy."

—Anthony McCarthy.

Sam—"Got any thumb tacks?"

Bo—"No, but ah's got some finger nails! ! !—Exchange."

FAVORITE AUTHORS

Fresh—"What is your favorite book?"

Soph—"My bank book; but even that has been lacking in interest of late."

"I understand that the Greens are strict vegetarians."

"They certainly are. They certainly are. They won't even let the children eat animal crackers."—Voo Doo.

The trouble with most of the men of today is due to the fact that they have more bone in their head than in their back.

He who laughs last is slowest at getting the joke.

HEARD AFTER THE EXAMS

"You look tired tonight, what's the matter?"

"I am tired, I have a job."

"And when did you start?"

"Tomorrow."—Lehigh Burr.

TO THE EXPONENT BOX

Altar of the Muse art thou

And Arts strong box

Where daily deeds are wrought, enow

To kill with shocks.

In thee the fairest hopes are lain

The bard dares keep.

From thee those very hopes are ta'en

And crushed to sleep.

Within thy confines there is born

The Light of Thought,

And yet through weary days, forlorn

It comes to naught.

Behind thy pale, a monster lurks.

The masters shears,

Among those hopes, such havoc works

It moves to tears.

—J. H. H.

Prof: "How far are you from the correct answer to the fifth problem?"

Young: "About two seats."

Prof: "Have you digested this morning's work in analytic?"

W. Kramer: "No, Professor, I have indigestion."

John Dun, minus Angus Dun, comes late for English.

Prof.: "Who is this, Angus or John?"

John: "Yes."

Prof.: "Then where is Angus?"

John: "No."

Prof.: "No—what?"

John: "No—here."

One enemy makes more noise than many friends.

"My face is my fortune, sir.."

"Yep. And I'll say that your money is doing a lot of talking."—Free Press.

Senior: "I am just finishing a four-year loaf."

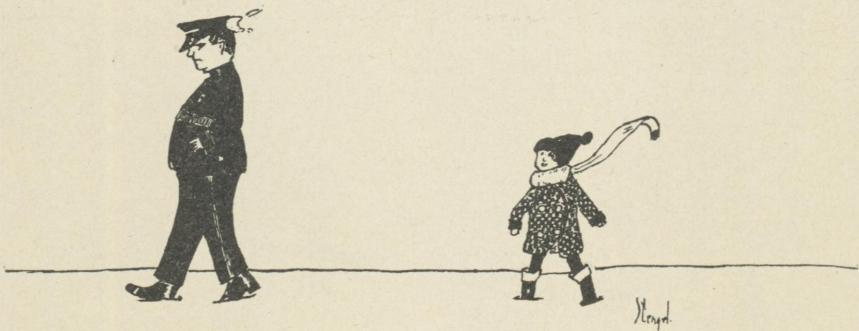
Freshman: "Ah, ha, so that's why you look so crusty."

"Now you go straight home!"

"I can't."

"Why?"

"I live around the corner."



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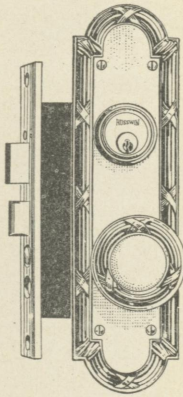
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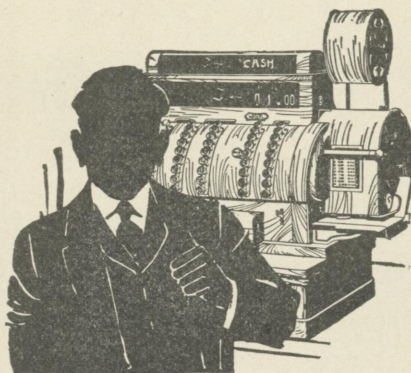
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