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Rose Technic Staff

Rose-Hulman Institute of Technology

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Rose Loses To Wabash

LITTLE GIANTS WIN ROUGH CONTEST

The tussle with the Wabash five was not as close as had been predicted by the Rose students. The Little Giants were victorious by the score of 40 to 23. The Rose five went onto the floor with every nerve strained to the utmost, and when the game started they were not in the best of physical condition. The Wabash crew was not overconfident, and started to work hard from the first whistle.

The game started off fast with Wabash taking an early lead which was never threatened. Reinking started the scoring for Rose when he connected for a field goal from a difficult angle. The victors scored almost at will during the initial period, and the Engineers were apparently lost on the big floor. Standau was not up to his usual form and had to be removed from the game during the first half on account of his bum leg, which has bothered him a great deal all season. Reinhard was substituted in the pivot position. The first half ended with the Engineers trailing on the short end of a 23 to 9 score.

The second half found the Rose and White warriors battling every minute to keep down the scoring of their opponents. During this half Rose was more successful than during the initial half. Rose scored 14 points while the Crimson combination was able to score only 17 which shows that the teams were not as unevenly matched as the score indicates. Ellis started the final period off with a neat field goal. "Bud" Conover went in for Froeb, who replaced Harris and added new life to the team. Conover immediately found the netting, and gave the speedy Wabash forwards a hard tussle. The play during this half was fast and rough. Briggs and Etter were removed from the game on account of roughness. Krausbeck finished the game at guard in Briggs' place and showed a lot of fight.

For the Rose and White, Ellis, Reinking and Conover were the stars. Ellis was the big point getter, netting four field goals. Reinking played his usual fast game, and was successful in breaking up a great deal of the pass work on the winning team. Adam was the star of the winning team. He was a burst of speed and netted seven field goals. Spencer also played a great game.

Summary.

Rose (23)	Wabash (40)
Ellis	Spencer
Harris	Adam
Standau	Etter
Reinking	Hunt
Briggs	Burns
Field goals—Adam, 7; Spencer, 3; Etter, 3; Hunt, 3; Burns, 1; Ellis, 4; Harris, 2; Standau, 1. Foul goals—Spencer, 6; Reinking, 7. Substitutions—Reinhard for Standau, Kerr for Spencer, Kashner for Adam, Bartlett for L. Etter, K. Etter for Bartlett, Beck for Hunt, Froeb for Harris, Conover for Froeb, Krausbeck for Briggs. Referee—Maloney.	

R. J. QUINN DELIVERS LECTURE ON BUSINESS SIDE OF CHEMISTRY.

Mr. R. J. Quinn of Chicago delivered a lecture last Friday, Jan. 23, before Iota chapter of Alpha Chi Sigma on the problems that will be met with by college men on leaving school. Mr. Quinn is very well fitted for a talk along this line. He is active in the Alumni chapter of Alpha Chi Sigma; secretary of the American Chemical Society of Chicago and salesman for

Continued on page 2, col. 2

Athletes Receive "R's"

At a mass meeting in the assembly room 37 athletes were honored by receiving "R's" in the different branches of athletics in which they participated in the last two years. This was the first time letters had been awarded in nearly two years, and the list of men to whom the monograms were due had mounted to a large number. Twenty-nine men received reserve "R's" for services next to that of the winners of the "R's."

When he presented the letters Athletic Director Gilbert honored several of the athletes, who by signal service deserved distinguished mention. Among these were Reinking, basketball captain, who last year won four letters. Other men whom the mentor honored were Brophy, 1919 football captain; Joe Engelhard, captain-elect, and McDargh, the diminutive freshman linesman. Briggs was given special mention, both for his stellar work in football and basketball, and for the consistency in which he has always performed. O. Conover, 120-pound basketball letter man, and Kremer, a lightweight end on the football team, were set up as examples of the embodiment of gameness and fight by the athletic director when he presented them their letters.

Following is the list of men who received letters and reserve letters:

In Football (1918)—Barnes, Floyd, A. Reinhard, Stinson, Brophy, King, Reinking, Self, Andrews, Burns, Moses, Nouss. Reserve "R's": L. Reinhard and Steffen.

Football (1919)—Brophy, King, Reinking, Briggs, Self, Engelhard, Gray, Nouss, Steffen, Moses, Krausbeck, Hagar, Harris, Standau, Dix, McDargh, Kremer. Reserve "R's": Joslin, Biller, C. Dedert, W. Dedert, Gruesing, Rolshausen.

Basket Ball (1918-19)—Floyd A. Reinhard, Streeter, Briggs, Walker, L. Reinhard, Burns, O. Conover, Biller, Froeb, Rolshausen. Reserve "R's": Brophy, Pence, Anstead.

Baseball (1919)—Rolshausen, A. Reinhard, L. Reinhard, Brophy, Meadows, Pence, Ruston, Biller, Steffen, Krausbeck, F. Owens. Reserve "R's": Rosenbaum, Anstead, Smith, Bryan, Kremer, Junker, Sewell, Pittman, Stevens, Prince, Failing, Andrews, Danner.

Track (1920)—Crapo, Floyd, Burns, Dunlap, Wilson. Reserve "R's": Pieety, Young, O. Conover, Steffen, Goodman, Wolfe, Taggart, Froeb.

Tennis (1919-20)—Reserve "R's": Williams, Dronberger and R. Owens.

THE PLOT THICKENS—

SO DOES THE BANKROLL.

No clue as to the identity of the mysterious person who started the Rose Polytechnic Million Dollar Fund, has turned up. Several contributions from unknown sources have been added to the \$100 which our unknown friend deposited about a year ago.

The fund's birth caused considerable discussion about the city and some of our calculators got to work. It was announced by them that the one hundred dollars deposited would reach the million mark in 232 years. They said too, that with each doubling of the principal the length of time required would be reduced by 17 years.

The report of the Terre Haute Savings Bank shows that our original \$100 has grown to \$400 so that, provided the fund must depend only on interest for its growth, the 232 years have been reduced to 198.

Illuminating letters which accompanied some of the subscriptions follow:

Shore Acres, Long Island, N. Y., December 27, 1919.

Continued on page 2, col. 4

Rose Takes First Home Game

FAST INDIANAPOLIS TEAM FALLS BEFORE R. P. I.

Rose was victorious in the first home game of the season Saturday, Jan. 17, when the fast American Gymnasium Normal of Indianapolis was defeated by the score of 34 to 27. The game was close all the way, and was featured by good passing on both teams. The old time Rose spirit was very much in evidence and the players were given good support from the sidelines.

Briggs played a good defensive game and succeeded in breaking up many dangerous passes. Ellis also starred. Captain Reinking played a great game and registered four field goals. Standau and Harris also performed in fine style.

E. I. S. N. Wallops Second Team

In order to save his men for the Normal game, Coach Lammers sent the second team to Charleston to play the Eastern Illinois State Normal. The Normal team was stronger than was predicted and consequently the seconds went down in defeat by the score of 40 to 15.

It could not be said that the "Suckers" were out of our class because they had a very ordinary team. Overconfidence was the main factor in the Rose defeat. The players seemed "stale," and another stumbling block was the miserable refereeing.

Conover and Krausbeck were the only Rose players who seemed to be awake. Conover netted four of the five field goals which were checked up in favor of Rose. Reinhard made five out of six field goals.

For the winner Turner and Schneider were the stars, the former caging eight field goals and the latter five.

PROF. THOMAS PRESENTS PAPER.

At the meeting of the Indiana Engineering Society in Indianapolis, Friday, Jan. 23, Prof. F. C. Wagner of Rose was on the program to present the annual report on the progress of mechanical engineering during the past year. As Prof. Wagner was unable to attend the meeting on account of work as expert witness, his report was presented by Prof. Young of Purdue.

Prof. H. A. Thomas of Rose gave a paper on "Flood-Waves in Rivers." This paper discussed the nature of flood-waves in rivers and showed that the front of a flood-wave travels downstream faster than the actual water particles which compose the flood. New formulas were given for computing the velocities and profiles of flood-waves and these were compared with the results of the U. S. engineers' gaugings on the Mississippi, Missouri and Ohio rivers. A description was given of experiments made in a model channel in the hydraulic laboratory at Rose Polytechnic Institute, to verify the accuracy of the flood wave formulas. These experiments were made in 1918 with the help of members of the present senior class.

News of the arrival of several cargoes of food consigned to the American Red Cross caused a drop of 50 per cent in the price of some commodities which had fallen into the hands of profiteers in Salonica.

CLEVELAND TECH. CLUB HOLDS FIRST MEETING SINCE 1917

The Cleveland Rose Tech Club held its first meeting of the year on Saturday evening, Jan. 10, at the Cleveland Athletic Club. This was in fact the first meeting of the club since the spring of 1917, at the time of the Rose building fund campaign, as was revealed by the secretary's minutes.

The following members of the Cleveland section were present and answered to the roll call:

August H. Klatz, '93, Sandusky; Walter L. Decker, '96, Cleveland; Jay H. Hall, '97, Cleveland; Claiborn Pirtle, '98, Cleveland; James G. Dombion ex-'99, Cleveland; Harry S. Richardson, '00, Cleveland; Fred C. Fishback, '02, Cleveland; Brent C. Jacob, '03, Cleveland; J. Simms Brosius, '03, Cleveland; Robert D. Landraus, '04, Cleveland; C. B. Cook, '05, Cleveland; Edward H. Spalding, '05, Cleveland; Harry R. Canfield, '06, Cleveland; Harry W. Eastwood, '06, Cleveland; Arthur W. Worthington, '06, Cleveland; Clifford W. Post, '07, Akron; George T. McCormick, '08, Cleveland; Paul F. Stokes, '10, Shelby, O.; Ernest C. Bradford, '11, Barbeston, O.; Scott W. Herr, '12, Terre Haute, Ind.; Charles C. Harris, '14, Akron, O.; Harry M. Leathers, '14, Cleveland, O.; Herbert E. Ransford, '14, Pittsburgh, Pa.; J. Robert Wisely, '15, Cleveland, O.; Frederick W. Hild, '17, Cleveland, O.; Albert H. Lyon, '17, Cleveland, O.; Milton Tilley, '17, Cleveland, O.; Daniel M. Howard, '18, Cleveland, O.; Goldsborough Robinson, '18, Cleveland, O.

Prof. Wagner and Dr. White were present as representing the institute.

After a splendid report a short business session was held at which the following officers were elected, and arrangements for holding a second meeting in April were perfected: Harry S. Richardson, '00, president; Paul F. Stokes, '10, vice president; J. Simms Brosius, '03, secretary; Harry R. Canfield, '06, treasurer.

Dr. White and Prof. Wagner both spoke to the club, calling attention to the record of the institute and of its sons. They also pointed out the present problems and needs of Rose. Much discussion followed and many suggestions of value were advanced, some of which the club proposed to take up for further future consideration. The meeting adjourned at a late hour after an evening full to overflowing with a wonderfully fine spirit of good fellowship and of intense loyalty to the old school. Four such meetings a year are promised henceforth, the next on April 10 which it is hoped that all Rose meet in the vicinity of Cleveland on that date will bear in mind—they will be welcomed.

NEW E. E. LABORATORY NEARS COMPLETION.

The reconstruction period for the E. E. Lab. is nearly over, according to latest advices from Prof. Knipmeyer, and the new lab. will be ready for operation early in February. The building, formerly occupied by the S. A. T. C., will house the old as well as the new machinery to much better advantage than the space heretofore used.

The new equipment includes a 10 Kw motor-generator set for supplying current at 125 volts; a 10 Kw arc-welding motor-generator set; a 4 Kw constant current transformer with switchboard and latest types of series lamps; a 20 H. P., 220 volt, 3 phase induction motor for driving the line shafting; a Delco-light plant consisting of a gasoline engine, generator, and storage battery.

The city electric company will furnish power at 440 volts, 2 phase, which will be transformed to power at 220

I. S. N. Defeats Engineers

TEACHERS TAKE FIRST OF SERIES

The week of Jan. 19 proved to be a very disastrous one in the basket ball camp, and the third consecutive defeat was handed us on Saturday night when our local rivals out-fought us and handed the short end of a crushing defeat to our athletes. The Engineers were apparently lost in the fray and were unable at any time to get the combination to working in anything like the true manner in which it is capable of working. The final score was 33 to 21 in favor of Normal.

The game started off with both teams fighting for an opening with neither five being able to register for several minutes. Finally a Rose man fouled and Winters scored for Normal from the black line. This seemed to start the Teachers on the upward path with the Engineers taking a reverse. Several times during the game Rose seemed to take a slowing down spell and the Normal men promptly took advantage of these occasions. As a result they were able to score several goals that spelled defeat for Rose. The slick floor greatly handicapped the playing of both teams, and a great many fouls were called for holding which was caused by the slippery playing space. Winters of Normal scored 11 times from the free throw line, which greatly added to the margin over the Rose five.

For the first few minutes of the game the ball was in Rose territory, and time after time the rooters were disheartened when an apparently sure shot was made, to see the ball roll out of the iron ring and spoil the chance for a score. It seemed as though fate was strongly against the attempts of the losers in their close shots, and as a result at least a dozen shots were missed that would have easily led the Engineers to victory. On the contrary Normal was in top notch form in hitting the netting, and led at the end of the first half by the score of 15 to 10.

In the second half Normal took another spurt and before the Engineers were aware of the fact Winters had slipped in three baskets in quick succession. This burst of speed gave Rose a big set-back, and it was several minutes before the team got into action again. Glenn, Normal's "fighting captain," was removed from the game when he made four personals and Dowell was substituted. The substitution did not hinder the Normalites in the least, and the new man filled the shoes of the captain in great shape. Ellis, always a clean player, was removed from the game for personals. Ellis played his usual hard game, and was the star during the time he played. Reinhard was substituted for Ellis. Standau went to forward and Reinhard jumped at center. The shift seemed to be effective and Standau immediately connected for

(Continued on Page 2)

volt, 3 phase, for most of the motors and motor-generators. Other transformers will convert the 440 volt, 2 phase, to 110, 220, 440, and 2,200 volt single phase, 2 phase, and 3 phase. This, in connection with the direct current generator and storage battery supply, will provide electric power in every form and will allow every sort of experimental work to be carried out.

The new laboratory will be quite roomy, clean, and well lighted and will add much toward furthering efficient instruction in electrical engineering.

The Rose Technic

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Without the aid of glass banking boards, pepper, or sneeze powders, the I. S. N. quintet came up from nowhere and busted up our little party. The Normalites deserve a world of credit for their spirit and their ability to pick themselves out of the dumps. They deserved to win. But—are we down-hearted, and, can they do it again? We reckon not.

This defeat was painful in the extreme, for us, but it was about the best thing that could have happened, for it took the cockiness out of us with a jerk. When we meet the Normalites again we will be on the job. We'll be prepared to work for the victory and we'll win it.

A government agent is coming to our town to look over some of our "reds." Let's pray that he doesn't overlook any of them.

With each succeeding quiz the wonder grows how one small head can carry all that Fessor Wagner knows.

The American Association of Engineers has been invited to co-operate in the National Foreign Trade Convention.

DR. MEES ADDRESSES IND. ASSOC. OF CREDIT MEN.

At the annual conference of the I. A. C. M. held at Muncie, Jan. 24, Doctor Mees was the principal speaker. His address was devoted to a discussion of the causes underlying present high prices. He gave as the three causes for the increase cost of living, inflation of currency, under-production, and profiteering.

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R. J. QUINN DELIVERS LECTURE

the A. Daager & Co., and comes in contact with numerous college men. Mr. Quinn has been associated with and had a chance to study the methods used by three of the most successful chemists of Chicago, Mr. Lorensen, Mr. Isenschimmel, and our own Mr. Mory, '94.

Mr. Quinn proved to be a most entertaining talker. Some of the gleanings from his interesting talk follow: "Mr. Lorensen graduated from the University of Cincinnati and started to work at \$75 a month for Morris & Company when they had a hole in the wall for a laboratory. From that he became a \$10,000 man, confidential and chief advisor to the president of Morris & Company. Three years ago he left them and started a laboratory of his own, but was soon snapped up by Swift & Company and made vice president. This was all due to his ability to sell his personality and business ideas.

"Otto Isenschimmel is also especially successful in selling himself. He is a consulting chemist and works on the street. His investment consists of an office, a telephone and a pencil. He makes more money than any other chemist in Chicago. He is experienced in the manufacture of oils for different purposes. He is known for his ability to patent processes for refining oils, sell the patent to the manufacturer and then sell him oil to refine. He is well liked and is known as a producer of good ideas and for his ability to sell them to his advantage.

"The average chemist is too modest and retiring for his own good. If he produces a new process he turns it over to some business man and gets a small royalty, because he lacks the confidence in himself to put it over.

"It is becoming the custom more and more to pick college men for jobs, not by the grades they made in school, but by their personality, as it has been found that if a man has a winning personality, although he may fall short in his grades at college, he will make a far better man than the honor man would if he was without this personality. The men who make good are those who are friendly and may be met face to face any time, who can meet an emergency when one arises and who can think in lines other than chemistry.

"The trouble with the average school is that it does not follow up its graduates after they leave school and see whether they are satisfied with their work or not. A business college follows up its men to see whether they are satisfied with their work and if they are not, it tries to find other positions for them. Some day these colleges are going to need more money, and the more satisfied graduates they have to fall back on the easier this money will come in.

"The greatest shock the average college man gets is the reception he receives when he leaves college, because business men do not look up to college graduates, and it sometimes takes two or three years to get over this shock. Theodore Roosevelt once said, in an address before Harvard graduates: "Thirty years ago I graduated from this institution to begin my education." The kind of start a man gets in his professional career helps considerably. Frequently a good man gets off on the wrong foot and makes nothing but a commonplace success. This applies in almost any profession. It is not well for a man to specialize while in college, but to lay a firm foundation in general chemistry and to broaden his general view of life, for a one track man will not make a success in any line. A college man must use diplomacy in going into a large plant because old-timers always offer opposition to a new regime. The best policy is to keep your head produce, and work for co-operation between the old-timers and the new comers.

"A man does not have to remember everything nowadays, but he must be able to know where to find it.

"Isenschimmel says that for a man to be successful he must be able to sell his knowledge cleverly; where there is pride before ambition there is no success. He must learn salesmanship as well as chemistry.

"It has been suggested that there be formed a chemist union in order to get justice and wages, but professional men should not associate with trade unions, as this puts them on the basis of a machine. These unions are being

sponsored by men who themselves have been failures in chemistry.

"In order to be successful a man must have an opportunity as well as a disposition and ability to work, and he must be able to see and to grab his opportunity when it comes. He must also keep his health, for an unhealthy man has never made a striking success.

"The next quarter of a century will see great changes in everything. We cannot follow the footsteps of others but must make our own way. International complications will come up, the labor and market conditions will change as the money market has already changed from London to Wall street. There are more opportunities than ever before for men who can think straight. College men must be able to start with the other men and finish more quickly."

STUDENT COUNCIL MEETING,

Jan. 21, at Sigma Nu House.

Meeting called to order at 8 p. m.

Pence absent.

Brown excused, 8:15.

Tablet committee reported.

Claude Gray, elected Financial Secretary.

Mr. Gilbert read report on athletics. Owens, Bierbaum and Zimmerman appointed committee to audit Mr. Gilbert's report.

Moved by Bierbaum, seconded by Owens that report be accepted.

General discussion on athletic situation.

Meeting adjourned 10:30 p. m.

I. S. N.-ROSE.

two baskets. Conover went in for Harris, and Krausbeck relieved Briggs.

The Rost spirit was at its highest and the team did not lose because it was not strongly backed. The "Howling Hundred" surely did its bit.

Summary.

Normal (33)	Rose (21)
Schinnerer, Harris,	
Dowell.....F.....	Conover
Winters.....F.....	Ellis, Reinhard
Mallory.....C.....	Standau
Glenn, Briggs,	
Schinnerer.....G.....	Krausbeck
McKinney, Hunt.....G.....	Reinking
Field goals—Winters, 4; Standau, 4;	
Glenn, 2; Mallory, 2; Ellis, 2; Schinnerer, 1; Dowell, 1; McKinney, 1; Harris, 1; Reinking, 1. Foul goals—Winters, 11; Reinking, 3; Ellis, 2. Referee—Craigle. Timers—Royer and Hathaway. Scorers—Maehling and Brown.	

GLEE CLUB GETS RECRUITS.

Still More Members Needed.

The general assembly held two weeks ago in the interest of the Glee Club has brought forth desired results. This was shown by the appearance of several new faces at the last rehearsal. Although greatly encouraged by the increased interest manifested, the leaders of the club are far from satisfied with the present status of what should be, excluding athletics, the biggest and most popular organization in Rose.

A standard Glee Club must have at least sixteen voices—four for each part. There were about twelve men out for the last rehearsal. Surely, there are more fellows than that of singing ability, in Rose.

It is a fact that some are staying away because they are too lazy to show up.

Do something for the good of Old Rose. If you possess ability along the line of one of the several school organizations, your name should be on the roll of that organization.

The leaders of the Glee Club have been striving to obtain an hour for rehearsal, convenient for all the members. No definite hour can be announced at this time, because of the change of program at the beginning of the new term. The rehearsal hour will be posted on the bulletin board the first day of the new term.

Let's bring the standing of the Glee Club back to what it was a few years ago.

EARLHAM-ROSE

In an overtime basketball contest, Rose defeated Earlham January 9, 10 to 18. The Terre Haute team played swell basketball and promises to finish high in the I. C. A. L. championship chase.

The Engineers flashed some pretty team work and their long casts at the basket were spectacular. The visitors ed at the end of the first half, 8 to 5,

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but the Quakers rallied and made it 18 all by the end of the game. In the extra session, Rose registered a field goal which gave us victory.

Ellis and Reinking started as forwards, with Standau at center and Harris and Briggs as guards.

THE PLOT THICKENS

Rutherford N. Filbeck, President Terre Haute Savings Bank, Terre Haute, Indiana:

Dear Mr. Filbeck:—Last July I had the honor to send you my check for \$10 towards boosting the million dollar Rose Polytechnic endowment fund started on the first of the previous January by the deposit of an unknown friend of the institute.

Now at the beginning of the second semi-annual period I am doubling my original contribution. Enclosed therefore, find my check for \$20.

My understanding is that any doubling of the endowment cuts off, in round numbers, seventeen years from the original period of 232 years. Being a comparatively young man I expect to live to see the million dollar fund reached.

I am particularly interested in engineering education because I saw as every intelligent person must have seen that in the recent war, for which the Germans had been preparing for half a century, it was expected by them to conquer the world through engineering science developed for especial use in war. And they would have won but for the superior intelligence in engineering lines by the allies, particularly the Americans, who brought to the problem extraordinary inventive genius. Wishing the Rose a prosperous career, I remain, Yours truly,
WM. A. B.

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160 Hazel Ave., Windy Canyon, Highland Park, Ill.
Rutherford N. Filbeck, Terre Haute Savings Bank, Terre Haute, Ind.
Dear Mr. Filbeck:—Last January there fell into my hands a copy of a Terre Haute paper containing an article which stated that an unknown benefactor had deposited in your bank one hundred dollars to the credit of the Rose Polytechnic Institute. Conditions of the gift were that this money should be kept on deposit with semi-annual dividends at 4 per cent as the rate then was, or more, if the bank should ever pay more until said principal and interest with any accretions from any other source amounted to one million dollars. That sum should remain in perpetuity to the credit of the Rose Polytechnic, the semi-annual income to be turned over to the institute for its uses.

Some mathematician, a member of the Rose faculty, as I remember, had figured that one hundred dollars, with interest at 4 per cent compounded semi-annually would amount to one million dollars in 232 years, some months, hours, days and minutes.

The scheme caught my fancy for he added that every time the principal sum was doubled there would be cut from the 232 years seventeen years, etc. You may remember that on last June 1st I sent you my check for \$10 with the hope that on the first of January the Rose Poly million dollar fund will be raised from \$200 to \$400 and the time that must elapse be again reduced by seventeen years, thus bringing it down to 197 years.

Any one with a stub pencil can easily figure how rapidly seventeen years taken off semi-annually can bring that goal within sight of the comparatively near future.

A friend of engineering science.

L. G. Y.

ALUMNI NOTES

Adolph A. Geiger, '19, is with the Pillsbury-Becker Engineering and Supply Co. at St. Louis, Mo.

Ralph E. Finley, '16, is with the Indiana State Highway Commission.

Ralph E. Price, '18, is a draftsman for F. S. Peabody at Pineville, Ky.

James T. Sutliff, '10, is secretary-treasurer and general manager of the Train-Tractor Co. of Indiana.

Julian A. Vrydagh, '18, is a draftsman with the American Bridge Co., Ambridge, Pa.

Charles N. Stevens, '15, is engineer at the Marseiller Works of Deere & Co., East Moline, Ill.

J. Boyd Shickel, '07, is vice president and general manager of the Ohio Machine and Motor Co.

R. W. Maddex, '09, is chief electrician for the Chicago, Terre Haute & Southeastern R. R. at Terre Haute.

W. L. Edwards, '10, is with Nordyke & Marmon Co. at Indianapolis.

James E. Spindle, '12, is manager of the Grand Haven Gas Co., Grand Haven, Mich.

Gordon Esheleman, '14, was married to Miss Kathryn Verner on Jan. 8 at Olney, Ill.

A. V. H. Mory, '94, who has for the past 15 years been with Sears Roebuck & Co., Chicago, has accepted a position as general chemical director of the Proctor & Gamble Co., Cincinnati.

PITTSBURGH TECH CLUB GETS BUSY.

The alumni are rapidly catching their strides after having the pace set by the Cleveland Club. Witness the following circular letter. (Please note that no credit is given the Marine Corps for winning the war.)

Pittsburgh Rose Tech Club,
Jan. 19, 1920.

Dear Alumni:

Now that Rose and her Alumni have won the war, isn't it about time we signed the peace treaty?

The Cleveland Tech Club held a meeting Jan. 10, the first in four years, and had 30 present out of a possible 40, or 75 per cent. Dr. White and Prof. Wagner were on hand and gave interesting talks, a letter from Dr. Mees was read and a jolly good time was spent.

We can't afford to let Cleveland beat us, can we? Let's put our shoulders to the wheel and lead, not only Cleveland but all the rest.

We will meet Saturday evening, Feb. 14, at the Chatham hotel, at 6:30 o'clock, for dinner, if this date is available. We will have some members of the faculty with us, Prof.

Wickersham and Prof. Hathaway, if possible. Details will come later.

Due to the war, our list is very incomplete, so we are asking that if you know of any alumnus, which includes any one who has come into your district lately, that you not only tell them to come but notify us so that we may send them a notice.

Above all, come yourself, we are depending on you.

Yours for Rose,
H. E. RANSFORD,
Secy. pro tem.

A NEW ENGINEERING PUBLICITY.

One of the means which will be employed by the American Association of Engineers to promote engineering publicity throughout the United States is through a co-operative arrangement with the producer of several moving picture weeklies. Arrangements have been made with the producers of six screen weeklies whereby the association will furnish lists of engineering projects and works, photographs of which will interest the public. After the film people have been notified of some engineering structure or event of sufficient interest they will communicate with their correspondent living nearest the scene of the work or event and he will either take stills or 100 or so feet of film, as the situation merits.

In order to make this project successful the association will require the active assistance of every professional engineer. Officials of corporations or construction companies who are doing or having done construction work or who are building or installing unusual or otherwise interesting type of machinery, engineers in charge of construction work or who are developing new methods, or who know of spectacular or otherwise interesting features in which the public will be interested, can make this service a success by advising the Professional Engineer of such projects as will warrant photographing.

PROF. DOMO GIVES TALK BEFORE SOCIETY FOR THE ENLIGHTENMENT OF ENGLISH STUDENTS.

At the recent meeting of the S. E. E. S. Prof. Domo told of the need for research along lines new and interesting. His very interesting address, reported in full, follows:

"Mr. Chairman, Gentlemen, Students: Our duty as engineers lies clearly before us; it is, briefly stated, the uninterrupted accumulation of knowledge, in every conceivable field of science. Moreover, the unusual, the unprecedented, should be allowed to assume, on occasion, the importance ordinarily exclusively conceded the fundamental. We desire to present an example of recent occurrence, a preposterous innovation, the appropriate arrangement of which would necessitate classification under the pathological division of the science of natural history.

"According to authoritative information, a certain male member of the species Homo Sapiens, in the incapacity of second year inmate of an institution of advanced education, made offering to a representative of what is deservedly termed the more formidable sex, of articles of an inherently elastic quality, the employment of which is peculiar to the aforementioned sex and whose purpose, put concisely, is the support of the artificial outward coverings of the nether attachments of the torso. These supports were of the compression type, hence no discussion will be made of the other, the common, double-acting or harness type, with which are involved appurtenances of a more complex nature, the consideration of which is extraneous to the present dissertation.

"Let us examine for a moment the salient features of this remarkable phenomenon. Undeniably there are rational, utilitarian characteristics, however incongruous the effect in the aggregate. The possible advantages, enumerated, are:

"First. Support. The unquestioned desirability of having the contiguous article of apparel remain aloft is so well understood as to warrant no further treatment.

"Second. Thrift encouragement, resulting from the firm but elastic control thus exercised over a great international banking system.

"Third. Time saving. Ample facilities are afforded for the disposition of the conventional stage, bathing or evening garments.

"Fourth. Gratification of custom and usage—the old pair may have worn out.

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"However reasonable the generalizations, experimental evidence affords the sole basis of conclusive knowledge. This would necessitate exhaustive research and first hand observation of the apparatus in operation, as well as a tabulated compendium of underlying principles and data, the mere allusion to which exceeds the scope of this abridged treatise. However, in conclusion, it is suggested that for the plotting of any necessary graphs or for any similar work, only those subjects should be employed which yield smooth curves."

ROSE POLITICS.

The political wind seems to be keeping the presidential weathervane in a continual state of complex in-harmonic motion, judging by the recent straw voting at the institute. Nevertheless, a decided majority was given Wood, as has been done by practically all the other colleges holding similar "elections." Of "all students" attending, to the number of about one hundred and ninety, one hundred and sixty-five voted; of these sixty were for Wood. Second choice was Lowden, with nineteen votes. Watson, Johnson, Pershing, Coolidge and Root followed with about nine each. Thus with one exception the student body stood strongly Republican. The exception was our famous Democrat, Donn Roberts, polling eight ballots.

Of course, there is always present in any large group, even though it have the superior intelligence we commonly attribute to Rose students, someone who will vote, if given the opportunity, for Ford or Bryan. The deplorable condition we hate to admit, however, is that there were two such among us,

one for each of these candidates. (Students will understand the above does not refer to our own William Bryan in any sense; the latter feels unable at the present critical stage of his educational career, to assume such an active part in national politics.)

Hoover received only the fair consideration of five votes. At that time, his name had not been very strongly suggested to the general public and in addition, his party leanings were undetermined. Possibly, too, he received scant support on the part of the student body due to the nearness of the lunch hour.

We are glad to mention that certain appreciative elements of our school came out openly and whole heartedly in support of Harris and Faurot. Each section seemed to be going strong with one vote and it is to be hoped a boom can be started for either of these well qualified candidates. The principal difficulty is to determine which one is to be preferred and thus receive the solid backing of the entire student body.

Some two dozen candidates in all received one or more votes, everyone but a few unqualified minors taking active and interested part in the proceedings (considering the time of day) and, we are glad to state, no sign of repeating or other vicious practices was in evidence.

Seniors at the Missouri School of Mines and Metallurgy are enforcing the rule that only seniors shall appear adorned with facial foliage and mole-skins.

The Missouri School of Mines has its St. Pat's celebration well under way. The juniors are to give a benefit show Feb. 13 to help the affair along.

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P. I. E. S. SMOKER.

The P. I. E. S. were hosts Jan. 22 for an interfraternity smoker at their house at 801 North Eighth. This was the second of a series of smokers given by the various Rose frats. Smokes and eats were there in plenty and Gil's C. V. flowed freely throughout the evening. A jazz band made its appearance and soon filled the air with strains of "wild" music. Prof. Child favored the bunch with a couple of fine solos. He also led the crowd in singing.

As is the case with all the inter-frat smokers, this affair was hugely successful and everybody had a good time. We are looking forward to the next smoker with considerable interest, for, besides furnishing a rollicking time, these informal meetings are a great stimulant to the good will between faculty and student body and they help maintain the Rose spirit.

FRESHMAN DANCE.

On the evening of Jan. 15 the freshman class entertained the engineers by giving a subscription dance at the K. of C. hall. Though the tickets did not sell unusually well, a fair sized enthusiastic crowd was present to enjoy the music of Cliff Lowe's unrivaled jazz-producing orchestra.

Friend Brophy started the ball a rolling by introducing the widely celebrated "camel walk." Anyone who has never tried or even witnessed this feat of the terpsichorean art has missed half his education. By the time the evening was half over, the assemblage looked like a caravan crossing the desert Sahara.

The object of the dance was to get enough money to pay for music after a basket ball game, but not enough was taken in. The proceeds were used to buy flowers for our brother, Dan Bundy, who is quite ill.

Let's see all of you loyal Rose men out at the next dance.

"Why should I marry you," she asked saucily.

"Well, of course," he replied viciously, "you can die an old maid if you want to."

"Pa, what's a genius?"

"Ask your mother, she married one."

"Why, I didn't know mother had married before."

Differentials

Butter can be made directly from grass, says a scientist. All that is needed is a good cow and a churn.

"Were you not scared when the masked highwayman came through the sleeping car and demanded your money at the point of a gun?"

"No, I thought it was a good joke on the porter."

General—Did you find anything on the prisoner when you searched him? Aide—Fourteen pages of finely-written pages, sir.

General—Hold him until we find out if he is a spy, or a student going to an examination.

Maud—When you broke the engagement, of course you returned the diamond ring he gave you?

Ethel—No. I don't care for Jack any more, but my feelings have not changed toward the ring.

"The wedding went off without a hitch."

"That so?"

"Yes, the groom didn't show up."

SYMPATHETIC.

The new cook, who had come into the household during the holidays, asked her mistress:

"Where ban your son? I not seeing him 'round no more."

"My son?" replied the mistress proudly. "Oh! he has gone back to Yale. He could only get away long enough to stay until New Year's day, you see. I miss him dreadfully, though."

"Yaas. I know yoost how you feel. my brudder, he ban in yail six times since Thanksgiving."—Los Angeles Times.

The Heroine—You are a wolf in sheep's clothing.

The Villain—Bah!

"Doesn't the choir sing at the prison any more?"

"No, several of the prisoners objected on the ground that it wasn't included in their sentences."

"I had a queer experience last night. A mouse ran up my trouser's leg, and—"

"My goodness! Didn't it scare you?"

"No. You see, my trousers were hanging on a chair."

THE GOBOON

VOL. I

"All Contributions Cheerfully Accepted"

No. 7

THETA XIS TO MOVE.

The Theta XI Fraternity has been compelled to vacate its house upon North Eighth street under most peculiar circumstances. Before the Christmas holidays an agent for McGraw Hill Co. called and persuaded several of the members of the fraternity to subscribe to the engineering magazines.

Starting the first of the year, the postman began depositing bundles of the magazines. On Mondays came sixteen copies of the Engineering News, each copy being 1,981 pages thick. Upon Tuesdays there appeared The American Machinist, being represented by 12 copies aggregating three cubic feet in volume and so on throughout the week. By the first Saturday the hall was becoming a trifle crowded, so the next week the contributions were placed in the den. In three days this was filled and the parlor commenced to receive its share. From parlor, the bed rooms became crowded, until finally they fled to the sleeping porch and the bath room. Ferd Rolshausen is rumored to have slept in the umbrella stand, while Harold Kremer sought his night's repose safe in the soup tureen.

Of late matters have become so bad that it was at last thought necessary to vacate the building. The only hope for remaining there lies in the chance of a publishers' strike at an early date.

Richard Bledsoe, '23, has been chosen by the Bible Workers League as missionary to the Cannibal Isles. Mr. Bledsoe leaves immediately to take charge of his new work. In constitution, Dick is unusually suited for

his new position, as it was thought he would not appear tempting enough to arouse a cannibal's appetite.

James King, late Toothless Jim, now Toothful James, has had a terrible fight with his new ornament. Mr. King finds his accuracy in expectation to me materially hampered, missing the cuspidor three times in one afternoon. His distance in the spitput was also cut down about 20 per cent which disqualified him in the contest recently held in Chem. Lab., Herbert Sliger winning with a distance of 23 feet 10 inches. However, in spite of these handicaps it is Mr. King's intention to retain the decoration thus placing utility as a useless sacrifice upon the altar of beauty.

Mr. Robert Sewell was recently the victim of a painful injury which resulted in the loss of his index finger on his left hand. Rupe was chewing away on a piece of bread when he noticed the beans were running short. He immediately began eating at his customary rapid rate, becoming a trifle careless, too. Due to this, his finger slipped on a piece of butter and into his mouth. Before he could slow down sufficiently to extract the digit, it was mangled to such an extent that amputation was necessary.

Jerome Farmer was slightly injured by flying glass, when he slipped on the ice, lighting upon his hip pocket.

THEATRICAL NOTES.

There will be a burlesque on Sunday.

HOW TO BE BEAUTIFUL. By Norman Ruston.

Wear a mask on Sundays and a false face on week days.

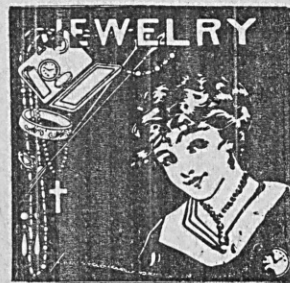
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