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HOMECOMING EVENTS-1967

FRIDAY, NOVEMBER 3
All Day, Hulman Union, Board of Managers Meeting.
All Day, B-119, Alumni Institute.
12:00 Noon, Hulman Union, Alumni Institute Luncheon.
1:00 P.M., Auditorium, Alumni Institute—Main Address, Dean Donald Mighell, Indiana State University.
6:00 P.M., Class Reunion Dinners.
Class of '17, Tucker's Steak House.
Class of '22, Terre Haute House.
Class of '27, Terre Haute House.
Class of '32, Tucker's Steak House.
Class of '37, Tucker's Steak House.
Class of '42, Jimmy Adam's.
Class of '47, Saratoga Cafe.
Class of '52, Albert Pick.
Class of '57, Louise's.
Class of '62, Louise's.
8:00 P.M., Fieldhouse, Pep Rally, Queen Coronation, Bonfire.

SATURDAY, NOVEMBER 4
8:00 A.M., Hulman Union, Tuskers Breakfast.
9:00 A.M., Auditorium, Alumni Meeting.
12:00 Noon, Hulman Union, Alumni Buffet.
2:00 P.M., Rose Field, Football, Rose vs. St. Procopius.
4:00 P.M., Old Student Center, Alumni Hospitality Hour.
6:30 P.M., Hulman Union, Alumni Banquet.
9:00 P.M., Hulman Union, (Lower level) Dance.
10:00 P.M., Hulman Union, (Main Floor) Homecoming Dance.

INTERVIEWS
For underclassmen here is a list of the companies coming to Rose in the near future who are interviewing students for summer jobs:
Nov. 6—E. I. DuPont de Nemours & Company.

CAREERS and OPPORTUNITIES

The most recent department open to the Rose student is the Department of Biological Engineering. It is the first in the United States that offers a Bachelor of Science degree in Biological Engineering. The chairman of the department is Dr. Robert M. Arthur. His staff includes Dr. Frank B. Freedman, assistant professor of Biological Sciences and Engineering, and Dr. Michael O. Breitmeyer, assistant professor of Biological Engineering. The department will offer both B.S. and M.S. degrees in Biological Engineering.

At the present time there are 10 sophomores, one junior, three seniors and six graduate students.

As stated in a brochure published by the department, "Biological Engineering is the application of knowledge gained by the cross fertilization of engineers and the biological sciences so that both may be more fully utilized for the benefit of man." This relatively new field of study (as compared to the older sciences) opens the door to many new and exciting areas as: bionics, medical engineering, human factors engineering and applied biology.

The student of this four-year program must complete seven departmental courses, one of these being a bioproject. The third year student chooses a research project and is assisted by the supporting staff from all departments in completing it. Because the department is small there is a very close relationship between student and professor.

Biological engineers who graduate at Rose will be utilized by the aerospace program, in environmental control for designing and developing new instruments for medical diagnosis and analysis for the development of prosthetic devices, by pharmaceutical companies for analysis of biological data.
LETTER TO THE EDITOR

October 26, 1967

To the Editor:

The letter to the editor in the October 20 INKLINGS concerning tradition at Rose prompts me to reply. The theme of that letter was that certain traditions at Rose are “outmoded” or “meaningless,” and should have been terminated decades ago.

Of what value is tradition? While it is often pointed out that such traditions as freshmen hazing have certain practical values (i.e., unifying the frosh and acquainting them with upperclassmen), I would comment that such “practical” justifications miss the mark in demonstrating the real value of tradition. Rose tradition is a thread (one of few remaining) which connects us students with the Rose Men of yesterday and tomorrow. We all have occasion, at one time or another, to feel the common bond we share with other students, graduates, and future Rose Men. Some would pass this off with “misery loves company.”

I claim that this bond is TRADITION. It includes the Rose tradition of academic rigor, but it is much more than that alone. When we leave Rose, we carry the shared memories and experiences of four years of work, hazing, Cord Days, painting Rosie, bonfires, island-skirting, and friendships that grow out of a traditionally small-school environment. This conglomerate of experiences, both small and large, is tradition. It is this foundation upon which character is formed.

Tradition—with all of its rules and regulations—remains strong at such institutions as West Point, Annapolis, and Yale, with little noticeable harm. Is Rose to give a further inch in the over-emphasized quest for “individuality” and “rights?”

“Does it really matter if a Rose student is a freshman or a senior?” Ask any senior! There is the minor difference of four years of gaining experience and maturity at the highest rate of our lives.

It is through TRADITION that we students can leave OUR mark on Rose, and our message to future Rose Men.

Respectfully,

Bill Schindel
Class of 1969.
 Depends on the giant. Actually, some giants are just regular kinds of guys. Except bigger.

And that can be an advantage.

How? Well, take Ford Motor Company. We're a giant in an exciting and vital business. We tackle big problems. Needing big solutions. Better ideas. And that's where you come in. Because it all adds up to a real opportunity for young engineering graduates like yourself at Ford Motor Company.

Come to work for us and you'll be a member of a select College Graduate Program. As a member of this program, you won't be just another "trainee" playing around with "make work" assignments.

You'll handle important projects that you'll frequently follow from concept to production. Projects vital to Ford. And you'll bear a heavy degree of responsibility for their success.

You may handle as many as 3 different assignments in your first two years. Tackle diverse problems. Like figuring how high a lobe on a cam should be in order to yield a certain compression ratio. How to stop cab vibration in semi-trailer trucks. How to control exhaust emission.

Soon you'll start thinking like a giant. You'll grow bigger because you've got more going for you.

A network of computers to put confusing facts and figures into perspective.

Complete testing facilities to prove out better ideas.

And at Ford Motor Company, your better ideas won't get axed because of a lack of funds. (A giant doesn't carry a midget's wallet, you know.)

Special programs. Diverse meaningful assignments. Full responsibility. The opportunity to follow through. The best facilities. The funds to do a job right. No wonder 87% of the engineers who start with Ford are here 10 years later.

If you're an engineer with better ideas, and you'd like to do your engineering with the top men in the field, see the man from Ford when he visits your campus. Or send your resume to Ford Motor Company, College Recruiting Department.

You and Ford can grow bigger together.

What's it like to engineer for a giant?

Rather enlarging!
CANDIDATES FOR QUEEN FOR THE 1967 HOMECOMING

JOYCE MILLER
PATTY VAN HOUTIN
DARLENE WAGNER
DENISE PRICE
JACKIE KEOUGHAN

CAREERS and OPPORTUNITIES

(Continued from Page One)

and in the production of antibiotics, by manufacturers of pollution control devices for the analysis of biological phenomena utilizing engineering techniques, and by educational institutes and governmental agencies engaged in biological engineering research. Starting salaries are comparable to the other departments at Rose.

Graduate study is open to qualified persons holding a baccalaureate in engineering, physics, chemistry, biology, or mathematics. Depending upon the background of the individual a M.S. in Biological Engineering may be obtained in one or two years.

The facilities include a recently constructed, air-conditioned laboratory as well as mechanical and electronics shops. Support for these facilities is presently from federal funds. The entire department is heavily financed by grants from the United States Government.

More complete information concerning this new and dynamic field of study may be obtained from any member of the staff.

For those interested in biology and engineering, I feel that this department offers an excellent opportunity to get in on the ground floor of this relatively new branch of engineering. As stated by Dr. Arthur, “I feel as does the ENGINEERS JOINT COUNCIL, that biological engineering is going to be of major importance in the next 20 years.”

—Steve Kennedy

Coffee Break: A ten-minute relaxation period, lasting from 3:15 P.M. to 3:45 P.M.

Confusingus sex: Horse sense is developed from stable thinking.

STAMP IT!
IT'S THE RAGE
REGULAR MODEL
ANY $2
3 LINE TEXT
The finest INDESTRUCTIBLE METAL POCKET RUBBER STAMP. 5/8 x 2 1/4.
Send check or money order. Be sure to include your Zip Code. No postage or handling charges. Add sales tax. Prompt shipment. Satisfaction Guaranteed.
THE MOPP CO.
P. O. Box 18623 Lenox Square Station
ATLANTA, GA. 30326
"Want a company where you can really put your education to work? See IBM November 14th."

"Some of the engineers who graduated before me complained that their education didn’t mean much in their jobs. That’s not what I wanted," says IBM’s Jim Carr. (Jim is a Manager of Mechanical Process Engineering.)

"At IBM I knew I’d be using what I learned. There’s so much diversity here that you can usually work in the specific area you choose. In my own case, I majored in Mechanical Engineering and minored in Metallurgy. Today my ME degree means more than ever. And I often use my metallurgical background. For example, I’m now working on a process development program that requires a knowledge of machine design, metallurgy, heat transfer, and chemistry, all of which I studied in school.

"Another good thing about IBM’s diversity is that it creates an interdisciplinary environment. You get a chance to work with and learn from people in many different fields. Since our industry is growing so fast, the people you talk to are likely to be working at state-of-the-art levels or beyond."

There’s a lot more to the IBM story than Jim has mentioned. We’d like to tell you about it when we’re on campus. We’ll be interviewing for careers in Marketing, Computer Applications, Programming, Research and Development, Manufacturing, and Field Engineering.

Sign up for an interview at your placement office, even if you’re headed for graduate school or military service. And if you can’t make a campus interview, send an outline of your interests and educational background to Mr. C. J. Reiger, IBM Corporation, 100 South Wacker Drive, Chicago, Illinois 60606. We’re an equal opportunity employer."
INTRAMURAL NEWS

The past week failed to straighten up the race in the Major League, although the winner of the Minor League is already certain. Sigma Nu and Lambda Chi Alpha remained undefeated after last week's Major League action. Speed, previously undefeated, lost to Lambda Chi to remove at least one team from the ranks of the unbeaten. With no games left that could possibly affect the leaders of the Minor League, ABCD-2 has clinched the title without suffering a loss during the season.

SCORES

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ABC-2 was un-scored upon until the final game, when winless Off Campus scored a long touchdown for one of its few scores of the season.

INTERVIEWS

(Continued from Page One)

mours & Company, Dow Corning Corporation.

Nov. 7 — Surface Combustion Div., Midland-Ross Corp.; Hughes Aircraft Company.

Nov. 8—Koppers Company, Inc., The Detroit Edison Company.

Nov. 9—Public Service Indiana, The Pillsbury Company.

Nov. 10—Gulf Oil Corporation.


If you are interested in interviewing one of these companies for a summer job, you must complete an application form and sign the interview list in the placement office. The placement office is just west of the switchboard. If you have any questions see Professor Headly or Mrs. Foster, his secretary.

"Wealthy people miss the greatest of all thrills—that of paying the last installment."—Harold S. May, editor, The Florence (Ala.) Herald.

LLOYD STEBBINS

BSChE, Bucknell, was assigned to open hearth operations at our Bethlehem, Pa., Plant soon after joining the 1965 Loop Course. Lloyd helps coordinate the multi-million-dollar maintenance program, analyzes operating costs, and heads up experimental programs. He's studying for an MS under our Educational Assistance Program.

MANAGEMENT MINDED?

Career prospects are better than ever at Bethlehem Steel. We need on-the-ball engineering, technical, and liberal arts graduates for the 1968 Loop Course. Pick up a copy of our booklet at your placement office.

As an Equal Opportunity Employer in the Plans for Progress Program.

BETHLEHEM STEEL

SMART SET

See the newest solitaires in round, marquise, oval, heart, pear shape, and emerald cut diamonds set smartly in white or yellow gold.

LOW AS $150.00

PAY WEEKLY

Others to $4,000.00

YOU DON'T NEED CASH!

IT'S EASY TO PAY THE HILLMAN WAY
PUBLIC UTILITY NEEDS
GRADUATING ENGINEERS

Illinois Power Company has unusual opportunities for graduating Electrical Engineers, Mechanical Engineers and Civil Engineers. These jobs are in the area of system planning, system design, gas operations, construction, power supply and industrial sales.

We are an investor-owned public utility which provides electricity and gas to about \( \frac{1}{4} \) of the geographic area of Illinois. Our headquarters are in Decatur, Illinois, a town of 80,000 population. Our company has over 3,000 employees. To obtain more information about us, ask for a copy of “Talent Grows at Illinois Power Company.” It's at your Engineering Placement Office.

INTERVIEWS: NOVEMBER 13, 1967

See engineering placement office for an appointment
Fraternity News

TRIANGLE

For the men of TRIANGLE last week was culminated by a hayride on Saturday at the farm of Harold Schroer in Bowling Green, Ind. The weather was clear and cold, and almost every Triangle was there with his blanket and his girl. The wagons were filled to overflowing, and during the course of the ride, romance was interspersed with keeping one's date from falling off the wagon and dodging hedgeapples thrown by the friendly natives. After the ride there was a welcome bonfire and all the ingredients for a midnight wiener roast to end a perfect evening for the Triangles and their dates.

This past week marked another addition to TRIANGLE'S growing group of fall pledges as Gary Goodman, a senior chemical engineer received his pin. The formal pledging of Gary Kirschke took place at the TRIANGLE banquet on Wednesday night. Dr. Breitmeyer and Dr. Beam were guests of honor at the banquet.

This week the men of TRIANGLE have kept busy constructing the homecoming display near the flagpole. We are also looking forward to seeing the bonfire burn tonight and joining in all the activities tomorrow including the TRIANGLE homecoming banquet and annual meeting and, of course, we'll all be there tomorrow to watch the Fightin' Engineers defeat St. Procopius.

THETA XI

Last Sunday were the get-acquainted parties and for the first time officially the freshmen were exposed to the Brotherhood of Theta Xi. Sunday was quite a grueling day, but we were able to keep our composure up and a smile on our face. We were quite impressed with the freshmen this year, seems to be a lot of potential.

This week Theta Xi met several setbacks in football, bowing to Sigma Nu in the I.F. League and to ABCD in the Minor League. We hope to however improve upon our records when we meet Speed Hall in Major and Minor League clashes.

The Homecoming display seems to be progressing along with Brother Pratt getting a large response from his brothers. The VFW meeting was termed a success and the next meeting is scheduled for the NGA this Friday. Hope to see you there.

THETA XI

Make Use of This Asset

At this time, youth is probably your greatest asset. Let me explain to you what real value it has if you begin now planning and purchasing a life insurance program for financial security in the future.

Lambda Chi minor finished the football season with a respectable 4-3 record by defeating ABCD-1 last week. During the next week or two, the major league team will be making its final bids for an unbeaten season as the intramural football season draws to a close. The team beat BSB major last Monday afternoon.

The Brothers of Lambda Chi would like to extend their congratulations to newly pledged Bill Schindel. Bill was pledged Monday evening. He is a Junior mathematics major at Rose.

"It's nice to have the grass turn green if only it wouldn't grow."—Louis Nelson Bowman, King City (Mo.) Tri-County News.

Lambda Chi Alpha's have voted to again contribute $200 to the school scholarship and loan department for a Lambda Chi loan. In granting the loan, brothers who desire extra financial assistance have preference.

Don McCann
BSME, Pratt Institute, supervises the multi-million-dollar replacement parts program at our Lackawanna Plant near Buffalo. Since joining the Bethlehem Loop Course, Don has had assignments in plant engineering, construction, and maintenance. He's studying for an advanced degree under Bethlehem's Educational Assistance Program.

DON McCANN

Management Minded?

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An Equal Opportunity Employer in the Plans for Progress Program

Bethlehem Steel
I won't go into business when I graduate because:

- a. I'd lose my individuality.
- b. It's graduate school for me.
- c. My mother wants me to be a doctor.

Can't argue with c), but before you check a) or b) - pencils up! There have been some changes. Drastic changes in the business scene. But changes in the "vex populi" attitude regarding business... especially on campus... just haven't kept pace.

Take the belabored point that business turns you into a jellyfish. The men who run most of the nation's successful firms didn't arrive by nepotism, by trusting an Ouija board, or by agreeing with their bosses. Along the way, a well-modulated "No!" was said. And backed up with the savvy and guts today's business demands.

In short, individuality is highly prized in much of the business world - the successful much. Even when the business is big. Like Western Electric, the manufacturing and supply unit of the Bell System.

We provide communications equipment for our Bell System teammates, the Bell telephone companies. This takes a lot of thought, decisions, strong stands for our convictions, (and sometimes some mistakes... we're human, every 160,000 of us).

Individuality pays off. Not only in raises, but in personal reward as well. Like an engineer who knew deep down that there was a better way to make a certain wire connector... and did. Or a W.E. girl who streamlined time-consuming office procedures, and saved us some $63,000 a year.

Rewards and accolades. For saying "No." For thinking creatively and individually. For doing.

Not every hour is Fun Hour, but if you've got imagination and individuality - you've got it made. With a business like Western Electric. We'll even help you answer b) with our Tuition Refund program. Come on in and go for President!
PRINCIPIA ROMPS OVER ROSE

Rose's Engineers fell victim to their fourth defeat in six starts last Saturday as an alert Principia squad overpowered them 45-7. Rose now stands 0-4-2 for the campaign and is assured of a losing season with only three contests remaining.

The first half again proved disastrous for Rose with Principia taking a 31-7 halftime advantage. Also, Roger Ward, the Engineers' leading ground gainer, received a neck injury early in the second quarter which forced him to the sidelines for the remainder of the game. The Engineers' passing attack moved well early and accounted for the only Rose score as Charlie Hills hit Mike Mefford on a 10-yard TD aerial in the second period.

In the second half, though, Principia completely throttled the Engineers offense and added two more tallies of their own for the final 45-7 count.

Coach Martin gave credit to Principia's superior speed, line play, and passing as the decisive factors while noting that John Jacobi did a fine punting job with a 38-yard average for seven punts.

The employer hung signs about the office, bearing the message: "Do It Now!"

By the end of the week, the cashier skipped with $30,000, the boss' private secretary, and three clerks asked for a raise.

TOM PFEIFFER
BS, Physics, Villanova, joined Bethlehem's 1962 Loop Course, now is an engineer at our $50-million research laboratories. At present Tom is studying advanced measurement methods for controlling basic oxygen furnaces and sheet-steel coating processes.

 MANAGEMENT MINDED?
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POLYTECHNIC BOOKSHOP - Now In -
Hulman Memorial Union
BOOKS SCHOOL SUPPLIES GIFTS
NOVELTIES SUNDRIES CLASS RINGS
IMPRINTED SPORTSWEAR
Astronomers, salesmen, designers, programmers, chemists, psychologists, writers, sociologists, economists, metallurgists, artists, accountants, physicists, mathematicians, etc, etc, etc.

That's what General Electric is made of.

General Electric is made up of a lot more than just engineers—because it takes a lot more than engineers to tackle the problems we deal with. Like helping to unsnarl traffic jams in our cities, fighting air pollution or finding new ways to provide power for underdeveloped nations. It takes sociologists, meteorologists, astronomers, writers—in fact, it takes people with just about every kind of training. But, more than any of this, it takes people with nerve, gumption, intellectual curiosity—people who care about what happens to the world. So it's not only your major we're interested in. It's you. Why not see our interviewer when he comes to campus and find out whether you're the kind of person General Electric is made of.
SPORTS

ON THE "IN" SIDE

by Roger Ward

On Friday, the final practice day of the week, the unexpected manages to happen. This is a light practice without pads—just shorts, jersey and helmet. A carefree mood ready for seriousness when needed and horseplay the rest of the time sets the tempo for this short drill.

Usually a film on Saturday's opponent is viewed first, then everyone goes out to the game field to warm up individually. Here, the hidden talents of the interior linemen are revealed. Suddenly, Jack Mehok becomes a dazzly split end, or at least that is what one would think watching him make "spectacular" catches thrown by "quarterback" Gordon Higbee. Don Lombardi becomes a sky diver wearing a helmet without a face guard. When the first kick-off team has a few practice runs, Steve Mueller, when well, plays the deep safety catching the kick-offs and running them back in the style of a Gale Sayers.

After practice the action centers around the container of Black Magic, a liquid shoe polish for our football shoes, just outside the fieldhouse. Since there are only two brushes to apply the polish and everyone is required to polish his football shoes for the game, congestion and confusion describe the situation here. Last Friday, it took on another characteristic—an all out battle with the indelible polish as the main weapon. It all started when, Don Lombardi (of course) decided to black the back of my neck. Having been very successful, I proceeded to give him a measles look. This outbreak slowly subsided. Later, Gordon Higbee, armed with a brush wet with polish, thought Lombardi would look better with a racing stripe from the back of his thighs up. Well, the remaining action then took place so fast and torid that several innocent by-standers were decorated with new beauty marks. Fortunately, the battle ended when the brushes of polish became dry with excessive use.

Tomorrow -

St. Procopius

St. Procopius, owners of a 3-3 slate, will provide the opposition for Homecoming tomorrow. They have lost to Lakeland, 21-15, and to Concordia, 26-0, as compared with Rose's 34-14 and 41-26 losses to these schools which indicates a fairly even duel.

Last year, Rose and St. Procopius tied, 21-21, but St. Procopius has an improved team led by Richard Zak who is among the top ten NAIA scorers in the country. An Engineer squad will be needed to compliment the Fightin' Engineers' fine mental attitude in order to salvage a Homecoming conquest.

EMPLOYMENT OPPORTUNITIES

with

LIBBEEY • OWENS • FORD
GLASS COMPANY

Our Representative Will Be On Campus

November 16

Real opportunities for graduate engineers and scientists interested in career employment with a progressive company.

MAL DOMINY
BSEE, Union, is assistant electrical foreman of our giant plate mill at Burns Harbor, Ind.—a highly automated mill using solid state devices for power conversion equipment. Mal's duties include both technical aspects of operation and maintenance and supervision of a large crew of craftsmen.

MANAGEMENT MINDED?

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BETHLEHEM STEEL

BETHLEHEM STEEL