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VOLUME 8. NUMBER 16

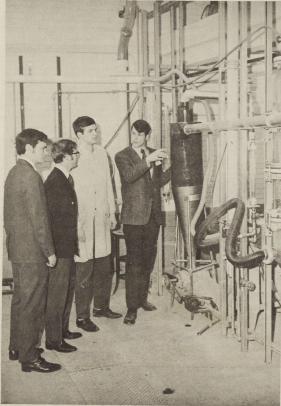
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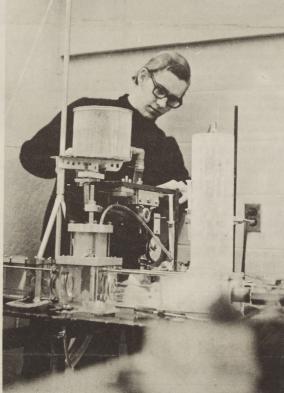
TERRE HAUTE, IND.

FRIDAY, FEBRUARY 16, 1973

Engineering

Day Campus





Highlights of Last Year's Engineering Day Including Chem. Eng. and Bio-Eng. Projects

FLOWER FESTIVAL IN UNION TONIGHT

by Larry Conrad

by Larry Conrad

The Soul Messengers will invade the Rose-Hulman campus tonight as the Junior Class presents a free "Flower Festival" for all Rose-Hulman students and their guests. It all happens in the main dining room of the Hulman Memorial Union. The festivities will begin tonight, Feb. 16, promptly at 8:30 p.m. and continue until midnight.

Just as one might expect,

Just as one might expect, the Flower Festival will fea-ture flowers, flowers, and more flowers. Hundreds and hundreds of live daisies will set the mood

for the eveing. Gigantic paper flowers, scented candles, and proper lighting will complete the festival atmosphere.

The Soul Messengers plan to rock the Union walls with footstamping music that just won't quit. Free refreshments in the form of coke, sprite, peanuts, pretzels and potato chips will be provided for all. During breaks and before the music begins, free cartoons should roll the house with laughter.

Casual dress is expected for

Casual dress is expected for the festival—jeans would be fine. Come and bring a friend to the 1973 Junior Class Dance.

STUDENT FACULTY **MEETING MINUTES**

by Gary Elfring

The winter quarter Student-Faculty meeting got off to a roaring start with a comment voiced by Dean Mathews. He couldn't understand why there were so many students there. If he doesn't know by now, there's nothing I can do to enlighten him

there's nothing I can do to the lighten him.

The first topic on the agenda, given by Vice President Moench, concerned the Centennial celebration. His two manifest works

nial celebration. His two major points were:

1) The faculty should give more money to the Centennial;
2) The seniors should give money to the Centennial Fund (?). His defense of these statements rested on the following points: It is a tradition for seniors to give money. It is also a good selling point. That is, the seniors gave money — why not

you? Why can't we get all the seniors together and give all their tuition money to the centennial fund. Just think what a good example that would set.

The next topic, covered by Prof. Schmidt, concerned the Centennial celebration itself. Without going into a lot of boring details, his main statements concerned the wonderful chance for Making - the - School - Look - Good, and the need for money. (Again?) (Again?)

(Again?)

Next we finally got into the student part of the student-faculty meeting. Someone brought up the question of changing the school calendar. Here follows a sampling of responses:

Why? Who cares? We must conform to other schools! But the two best comments were from the faculty. Prof. Rodgers:

Continued
On Page 3

Engineers In Shortage On Job Market

There's good news for those entering the engineering field. The slump that hit the job market in the late 1960s is disappearing because of an improved economy and a drop in the number of graduating engineers.

But the combined forces are

But the combined forces are contributing to a shortage of engineers that may become serious in several years.

A survey by the College Placement Council shows that recruiting of graduating engineers is increasing 27 per cent this year over 1972, which in turn showed an improvement over the previous year. Dr. Frank Endicott, professor emeritus of education at Northwestern University, predicted a 42 per cent increase in job openings for engineering graduates.

duates.

"A survey of the graduating class of 1972 indicated rather clearly that the bottom had been reached and we're on the upswing," said John Alden, director of manpower activities for the Engineer's Joint Council in New York, a federation of 36 engineering societies.

Bur for how long if the number of graduating engineers continues to drop?

When the job market tightened at the end of the 1960s, high school students were discouraged from embarking on engineering programs. Since then, enrollment in engineering programs has dropped to the point that many graduates will have their choice of five or six jobs.

D-21-83+D-10

OPERATION CATAPULT

Rose-Hulman is accepting applications from high school juniors for the school's unique Operation Catapult program scheduled July 1-26.

Initiated in 1967 as an incentive program for outstanding male students interested in purposition of the program of the progr

ANNOUNCED

male students interested in pursuing engineering and science, the program recently received a vote of confidence by the Rose-Hulman faculty which decided students in the program should receive two hours of college credit upon successful completion of the innovative program.

Operation Catapult is a three and one-half week "look at college life." Students are drawn from applicants from as many as 20 states and lives as a group on the Rose-Hulman campus where they gain practical experience in the use of the "scientific method" of investigation.

The projects-oriented program allows students to study and do basic research in an area of their interest.

allows students to study and do basic research in an area of their interest. Work in mathematics, physical science, engineering problems and technical report writing are included in conjunction with the individual student's exploration of areas such as testing tires with a laser beam, design of a minicomputer or numerous other topics.

topics.
Although students are expected to have completed three years of high school mathematics and one year of their chemistry or physics in order to be considered for the in-residence summer program, admission requirements are flexible enough to include others whose interest

"Tomorrow" will unfold on February 17 from 10:00 a.m. to 3:00 p.m. as Rose-Hulman presents Engineers Day '73 for students, faculty and interested public. Student projects and industrial displays will focus upon a wide spectrum of concepts and ideas and attempt to demonstrate the ingenuity which will be used to solve technical and environmental problems in the future. People from both technical and non-technical backgrounds will be offered an opportunity to gain a broader understanding of engineering while spending an enjoyable afternoon. spending an enjoyable afternoon

During the five-hour period, some of the projects and displays available for viewing will be:

*A concrete canoe with a scale model to be tested periodically throughout the day.

*A beam loading and breaking test with beams constructed by the senior civil engineering students

*The separation of an air stream into hot and cold streams by distinguishing be-tween the kinetic energy of the molecules. *The demonstration of the "Rube Goldberg" machine and its unique use of potential en-ergy.

*The uses and applications of the wind tunnel and shock

tube.
*The internal combustion engine and its development in rac-

ing.
*A study of the effect of activated sludge on sewage treatment and the efficiency associated with this process.

*A determination of blood sugar through the use of a modern photoelectric device.

*An electric car demonstra-ted by Public Service Indiana.

*An emissions test which will give one an opportunity to eval-uate the performance of his auto-mobile with respect to new car standards standards

With the wide range of activities planned, five hours may not be enough to get a complete view of engineering, but the exhibits will offer an insight into the scientific and technical foundations of today's society. The research which has gone into the projects indicate only an insignificant part of scientific inquiry going on every day, yet the ingenuity and thought to be demonstrated should make Engineers Day '73 an intriguing and informative way to spend Saturday, Feb. 17.

or motiviation in engineering or science merit consideration. Generally, students must have completed their junior year and be recommended by a mathematics or science teach-er or high school guidance per-sonnel.

Interested persons are requested to obtain information and application forms from the Admissions Office, Rose-Hulman Institute of Technology, Terre Haute, Ind. 47803.

EDITORIAL VIEWPOINT

By now, most of the results of the student opinion poll must be in, but I wonder how effectively they will be used. I can't help but notice that the basic form has not changed the last couple of times, this in spite of the fact that Dean Matthews admitted in an interview last spring with THE THORN that the faculty were basically dissatisfied with the way the results were being interpreted and used. Evidently, either the form has been declared satisfactory or they have chosen to ignore it altogether. Of course, the manner in which the poll results are used has been questioned by the students and kept a secret by the administration ever since the poll was originated a couple of years ago. The problem, basically, is that the poll, ostensibly used for constructive, creative purposes, has been suspected of being ill-used as a leverage against faculty, students, or whoever might be the choicest target of administrative fast-talk at any given time. The only way for the mistrust surrounding the poll to be dispelled is, once and for all, for the administration to tell us just how the results of the poll are used. Then, not only can the students better judge what comments are relevant, but everyone can begin to understand how he stands in relation to the poll, and make constructive suggestions to improve it. the poll, and make constructive suggestions to improve it.

The Student-Faculty meeting held a week ago Tuesday was perhaps the best attended and most exciting meeting I have witnessed since I've been at Rose. What was really going on in everyone's minds didn't surface out until the meeting was opened up for questions from the floor. The question of the use of calculators was passed over with little objection and the switch from quarter to semester system was not generally heralded enthusiastically. But what errupted when Dean Matthews opened the meeting to questions from the floor was unexpected, at least in my mind. The resulting furor seemed largely a plot laid by some students from the EE Department who were dissatisfied with the way funds were being appropriated by the school for athletics at the cost of the academic side. For instance, cuts in the size of faculty, up to cutting as many as 10 profs, has been discussed. Also, the new computer system PDP (or PDQ or whatever) seems to have taken so large a chunk from the budget that use of the Purdue link is seriously under scrutiny. What many do not realize, however, is that the two are not in any way meant to do the same types of jobs and so cannot really replace each other. Also, last but not least, the turmoil surrounding the chairmanship of the Physics-EE division was questioned, but predictably enough, Dean Matthews sidestepped the issues.

I don't really begrudge the EE's the fight for what they think The Student-Faculty meeting held a week ago Tuesday was perstepped the issues

I don't really begrudge the EE's the fight for what they think they deserve (and have got in the past), for it appears that at least in the case of the Bio-Engineering Department, they may have remained silent too long

ENGINEERING DAY '73 This Saturday Scheduled 10 A.M. to 3 P.M. Sponsored by Blue Key

LETTERS TO THE EDITOR

Dear Editor,
Two and a half years ago, Dr.
John Logan promised the Blumberg Hall residents roll type
toilet tissue to replace the
"mini-towels" that were then
used. Last week the change was
made. Dr. John, we thank you
from the bottom of our
Name Withheld

Name Withheld

Dear Editor:

Regarding the Friday, Feb. 9, 1973, article "Happenings:" Whoever took a cheap shot at Thad Smith and his World Dy-

namics class is totally out of order. Thad did everything possible to get the time of the exam changed, short of violating the gentleman's agreement among the faculty. Besides, one could have dropped the course weeks ago, and World Dynamics is one of the few Hum courses that makes any sense, so nobody got stuck with the course. Anyone who signs up for a course accepts the refor a course sponsibility to take the example whenever it may be.

Respectfully, course accepts the re-bility to take the exam,

Mike Passafiume

ENTERTAINMENT

by Jim Kane

MOVIE INFORMATION—

Meadows — "Young Winston."
Cinema I — "Jeremiah Johnson."
Cinema II — "Sounder." (Maybe)
Plaza — "The Getaway"

Chema II — Sounder. (Maybe)
Plaza — "The Getaway."
Grand — "Slaughter Hotel."
Indiana — "The Poseidon Adventure."
Friday, Feb. 16
TMUB film — "Airport" — 8:00 p.m. — 75¢.
Junior Class Dance — 8:00 p.m. — Everyone invited — Union
Ruilding Building.

Saturday, Feb. 17

Big Ten Basketball — Purdue vs Michigan State — 1:30, Ch. 10.
4:00 p.m. — CBS Golf Classic, Ch. 10.
11:30 p.m. — Channel 10 Late Show — "Hud."

the THORN

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Photo by Hitchens

FACULTY FORUM

by Dr. Herbert Bailey
I have been asked by your parttime editor and our part-time
senior math major, Stan Baker,
to write a brief article on the
program, facilities and proposed facilities of the Rose-Hulman
Athletic Department. I could
recite to you the cubic feet in
existing and proposed buildings,
but I will spare you all these
facts and figures and suggest
that John Munchner would be
glad to discuss with you the
plans for the proposed recreation addition.

I am sure that Stan felt that
there might be some interest in
this topic in view of recent
student faculty discussions on
budget priorities. One might ask
(as a matter of fact, one has
asked), should we divert some
of the operating funds and/or
proposed building funds from
the athletic department to academic areas?

Before I comment briefly on

Before I comment briefly on this question, I'll give you a little of my history to put my remarks in perspective. I graduated from Rose in 1945 when the present auditorium was the only gymnasium and the history teacher was the only coach. I have since been a student in four colleges, taught at three colleges, and worked for five companies. (I am hoping Rose will keep me on.) I am chairman of the mathematics division and of the mathematics division and chairman of the faculty athletic committee, but I do not speak for any of the members of either of these groups. As a student, I was not good enough for any of the varsity sports, but was active in intramural sports.

Now for my comments:

1) I am quite sure that Dr.

Logan and the Board of Managers appreciate student and faculty input concerning budgetary considerations since survival of Rose depends on quality education of the students.

2) You have heard before, but

2) You have heard before, but I'll say it again, that all the education does not come in the classroom. From my personal recollection, I would put it at half in the classroom and half outside the classroom. (The results of my latest calc test indicate a 0.1 division for some freshmen.) Thus there should be a spending balance between acaa spending balance between academic and non-academic student activities.

3) It is clear that there is no

unique correct solution to the problem of where should the money be spent. This is true at home, at Rose, or in Washing-

ton.
4) I am very glad I do not have to make these decisions at Rose and I think that Dr. Logan and the Board of Managers have done a fine job so far.
5) I feel that the athletic hydrete both introduced and

5) I feel that the athletic budgets, both intramural and varsity, are minimal but ade-

quate.
6) The proposed new recrea-6) The proposed new recreational complex will be very adequate and we may find some cuts will be necessary. For example, the swimming pool may be a facility we cannot afford in terms of student usage as compared with capitol, operating and staffing costs.

In summary, I feel that there is adequate support for acade-

is adequate support for academics and athletics in this year's budget and in all of the many budgets considered for the next year. If it should ever come to dropping either mathematics or athletics, I'll vote for athletics.

RIGHT STEP

A. M. Goering

You can always tell what house a painter lives in by its need for painting. Or a carpenter fixes other homes, but puts his tools aside when he comes home. If one expands these examples a little further, he gets the situation here at Rose.

We claim to develop the finest engineers, best chemists, etc. in the nation. But what is done with this raw talent while at Rose? Nothing! Janitors do this and nobody does that until more money comes in. Our profs must park in an area designed for half the cars it now holds. We have a bad football field, dangerous walkways, poor lighting and generally miserable conditions. Seniors must stand out in the cold and wet for an opportunity to break away and put their talents to use, talents that have remained dormant for portunity to oreak away and put their talents to use, talents that have remained dormant for four years. Whenever an im-provement is needed people get grandure ideas, and the cost is in the thousands.

grandure ideas, and the cost is in the thousands.

Something can be done and we can do it! Civils could work on parking lot improvement. Electricals could take care of the lighting. Bios work on soil conservation and land improvement. Mechanicals work on building. Classes could be set-up, with credits the reward, for an attempt in solving a problem. Work-study money could be funded into programs for campus improvement. Letting 1100 minds work math problems for four years seems a terrific waste. With even minor involvement, the school with the best engineered school. neered school

STUDENT CONGRESS STRIKES

Another in a series of misadventures of that misadventurer—STUDENT CONGRESS -after an emphatic invocation from our beloved secretary, Mark Cane, the duly declared duly elected student represenduly elected student represen-tatives got directly to the busi-ness at hand. Two representa-tives were dismissed for lack of attendance and another re-signed. (It's a slow season.) The subject of bicycle racks was discussed briefly and since the administration refused the buck, it was decided to try to pass it to the IDC to the IDC

it was decided to try to pass it to the IDC.

The subject of parking tickets was raised after a report from the Traffic Court. It seems that the school has hirded a full-time "gunner" to give out traffic and parking tickets. Students were given a record of 270—that's right, two hundred seventy—parking tickets in the past two weeks for parking in spots where they were previously unmolested. The Traffic Court has been granting appeals to most of those who apply for them. (Granting an appeal in traffic court language means letting you off the hook. Their case load is beginning to look like the Supreme Court's. So ask your student congress representative to use quotes from the invocation at the next meeting to express your feelings on the subject.

Moving on to bigger and bet-

on the subject.

Moving on to bigger and better things. The idea of a microwave oven and/or sandwich machine was brought up so the students and the same to walk chine was brought up so the students would not have to walk over to the snack bar to be ripped off. The idea was given support from the floor and Joe Bubenzer, SGA president, said that he would check into it and report at the next meeting.

Other subjects and reports were glossed over and the meeting adjourned so the congress

ing adjourned so the congress could go and watch the circus at the student-faculty meeting.

It is alleged that sports in America have become a busi-ness, but business has always been America's favorite sport.

PHOSPHATE BILL PASSES

The Indiana House voted Thursday to give 8.7 per cent phosphate laundry detergents back to Hoosier housewives.

The modified zero-phosphate detergent repeal bill also would strike out all restrictions on detergents for cleaning dairy and food processing equipment and for automatic dishwashers.

and for automatic dishwashers.

Many representatives expressed the hope that the Senate would produce a bill keeping household laundry powders at the zero phosphate level of Jan. 1 but removing controls from dairy and food processing detergents until satisfactory substitutes are developed.

The bill passed 60-39 after representatives repeated most of the arguments aired at a series of public meetings and committee sessions. The Sen

ate has been holding regional hearings on its zero-phosphate modification bill.

The House action would re-store washing machine deter-gents to their 1972 level and indefinitely delay the schedul-ed April 30 ban on phosphates in commercial detergents.

A prisoner scheduled to be re-A prisoner scheduled to be re-leased this week after serving a ten-year prison term in Eysses, France, has asked the warden to keep him locked up for two more weeks. He is the star player on the prison soccer team, and his release would deprive his team of a valuable player in the French Prisons Cup Tourna-ment. (Chicago Tribune)

S-F MEETING

(Cont. Page 1)

"It would give the students more time to explore the library." Mr. Harmening: "Never being one to let facts slow me down. . . ."All in all, the

me down, . . . "All in all, the students favor the present quarter system, while the faculty favors the semester system.

Our next topic for discussion concerned the use of calculators in tests. After a lot of crying from both students and faculty against calculators, Vice President Moench ended the discussion, hopefully, for all time. He simply stated to the effect that, an engineer uses every availan engineer uses every available tool to get the job done. I'm glad to see that at least one of the "administration" has got his head together. Now if only some of the faculty could follow his example.

got his head together. Now it only some of the faculty could follow his example.

The end of the meeting was filled with quite a few questions concerning the cut-back of funds for next year (.5 million). Someone asked whether there were plans to drop the math, physics and bio dept. The answer was, there are no plans to drop the math and physics dept. When the question of the Bio dept. was again brought up, Dean Mathews said the fate of the Bio dept. has not yet been decided. That's bad news for you Bios. Dean Mathews also confirmed the rumor that we are going to lose our Purdue computer link. Another popular question convend the fate of the Fleetries.

Another popular question con-cerned the fate of the Electri-cal engineering dept. Appar-ently someone was worried over the rumors that Prof. Rodgers, Sabagh and Krile, along with all the E.E. instructors, were leav-



ing next year. It's too bad Dean Mathews declined to answer that one

Another student proposed the great idea that we cancel the the great idea that we cancel the varsity athletics program. This, of course, angered Dean Ross. It's too bad the student didn't realize that without varsity sports, you won't have any homecoming. Now, if you don't have a homecoming for the alumni, they aren't going to be reminded of Rose every year. If they forget dear Old Rose, we're going to be a lot shorter on money than we are now. (Thought for the day: If you are going to anger Dean Ross, at least make sure that you're in east make sure that you're in the right.)

That about covers the student faculty meeting, except for a good fight near the end among some people who shall re-main nameless, (I don't know their names). Who would have this much interest in the

DRAMA CLUB PLAY

This Tuesday, Feb. 20, at 7:00 p.m., the Rose-Hulman Drama Club will hold tryouts for Brandon Thomas play "Charley's Aunt." This comedy will be performed during Parent's Weekend this spring and will be done in-the-round. Both acting and technical skills are needed so be sure to show up this Tuesday at 7:00 in the auditorium.

FRATS PLEDGE 112

The six social fraternities on the campus of Rose-Hulman Institute of Technology have announced the pledging of 112 new members following formal winter rush activities.

The school of slightly more than 1100 men has for the past several years had an inter-fraternity membership of about 400.

Alpha Tau Opega to be as

400.

Alpha Tau Omega took 37 pledges to lead the five other chapters which include Sigma Nu, Lambda Chi Alpha, Theta Xi, Triangle and Pi Gamma

NEW VOTING BILL WILL ELIMINATE AMBIGUOUS LAW

Ambituous LAW

A bill introduced by Representative Robert L. Jones Jr. (R-Indianapolis) would change the present ambiguous law about student voting.

College or other post-high school students living in campus dormitories would not be permitted to vote in an election unless their parents lived in the county where they attend classes or the students maintained a separate (second) residence in the county or resided in married student housing.

ing.
The present law is ambiguous and most county clerks permit students to vote in the county clerks they attend post-high ty where they attend post-high school classes if they live in the county during the school term.

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Band Tour Highlights

The Fifth Annual Band Tour took place last week, Feb. 7-9, and was termed an overwhelming success by all participants. Sixty-one members from the band. Rose Rifles, and ROTC Color Guard took part in the performances before a total of 6500 students at four high schools in southern Indiana and two high 6500 students at four high schools in southern Indiana and two high schools in Louisville, Ky. They were: Edinburg H.S., Edinburg, Ind.; Henryville H.S., Henryville, Ind.; Thomas Jefferson H.S., Louisville, Ky.; Southern H.S., Louisville, Ky.; South Central H.S., Elizabeth, Ind.; and Charleston H. S., Charleston, Ind

Ind.
Every performance opened with the eight-man ROTC Color Guard commanded by Jim Gilman presenting the colors to the theme from the film Space Odyssey 2001 and the National Anthem. After the flags had been placed in stands behind the band, the Silver Quill March was played. Next on the program was a Festival Prelude by Alfred Reed, a brilliant and powerful work for the modern concert band. Reed, a brilliant and powerful work for the modern concerband.

Gary Bowman, assistant director of the band, conducted

the next number, entitled Lemon Merengue. It featured various sections of the band clowning around to the beat of the sounds from south of the border. Gary and part of the percussion sec-tion also performed at center gym floor and in a couple of in-stances almost brought the house

down.

Next came one of the biggest hits on band tour, the music from Shaft. Complete with lead and bass guitars, this number always brought a tremendous reaction from the audience.

The Rose Rifles Exhibition Drill Team followed with their ten minute routine. Commanded by Wayne Haynes, the team put on six impressive performances for the high school audiences. which, in most cases, had never seen any precision drill before.

had never seen any precision drill before.

The band began the second half of the concert with the Castle Gap March, dedicated to the memory of Lyndon Baines Johnson. Next came Estampie, a medieval dance form featuring six members from the brass sections of the band in solo sections of the band in solo

sections of the band in solo capacity. Each concert featured Sousa's Washington Post March, direc-ted by a guest conductor. At most schools, this was their own band director. But at the final high school, we were very fortunate to have a distinguish-

ed musician and authority on world military history direct the band, namely, Capt. Charles A. Hines, band advisor. When he completed the three minute premier performance, he had exactly three minutes experience as a band director. The closing number was a medley of tunes from Chicago, and when time allowed, encores consisted of Three Dog Night. Simon and Garfunkel. Beginnings, and Free.

Wednesday and Thursday eve-

wednesday and Thursday evenings, and Free.

Wednesday and Thursday evenings found the 61-man group staying at a hotel in downtown Louisville. The more daring surveyed the local "attractions" and the less daring stayed in their rooms and watched television and did homework. One group even conducted a self-administered tour of the hotel, finding a burned-out hall on the third floor, bathroom scales in the attic, and a mysterious elevator shaft wind on the tenth floor.

Overall, the tour was another great success, effectively publicizing Rose-Hulman Institute in addition to presenting six high-caliber performances and showing the high school audiences showing the high school audiences that college students still exist which can efficiently work together and act like adults. Many high school faculty members were amazed at the quality and depth of our band, keeping in mind that it is an all-volunteer organization and rehearses after school only two nights per week per week

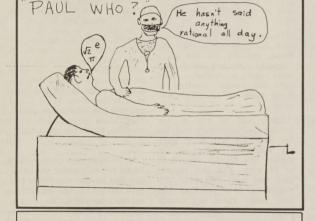
Thanks and compliments are in order to various people for a job well done: Carl Dreher, tour chairman, whose organization was so complete that this year's tour operation resulted in being the smoothest one to date; John Edwards, in charge of personnel: Frank Wilkerson, in charge of band equipment: Chuck Schilling, in charge of Rose Rifles and Color Guard equipment; Bill Gilbert, in charge of hotel arrangements: Richard Conn, in charge of transportation arrangements: and all remaining participants for their 100 percent effort and cooperation at all times.

100 percent effort and cooperation at all times.

A special thank you is also extended to the band's fine director, Mr. Jim Church. Rose-Hulman is very fortunate to have such an accomplished musician with so much experience direct its band. He is rapidly bringing the band back to the quality it enjoyed a few short years ago.

Submitted by Philip Wyssling

Submitted by Philip Wyssling
—Band tour announcer



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ROSE TRACK MEET

Rose-Hulman runners fared well in the Rose-Hulman All-comers meet Saturday at Shook Fieldhouse, taking three first

Ernie Jones set a new school record in the triple jump, barely missed another record in the pole vault. A leap of 46' 1/4" in the triple jump broke the old record, and was good enough for second in the meet. Winning the pole vault in a vault of 14 feet, Jones almost broke the 14'3" record when he barely hit the bar on the 14'6" attempt. Tom Hans Ernie Jones set a new school

Jones almost broke the 14'3' record when he barely hit the bar on the 14'6' attempt. Tom Hans ran away from the field in the mile run as he was seven seconds ahead of the second place finisher in a time of 4:25.

Seniors Chuck Moseman and Gary Kelm continued their personal rivalry in the 880 yard run, where Moseman finished first, just a tick of the watch in front of Kelm, who took second place. Kelm has never beaten Moseman, and is hopeful in their final track season of defeating Moseman. Freshman Jim Shegog leaped 21' 10'' in the long jump for second place, and had a time of 5.5 in the 50-yard dash, quick enough for third place in the meet.

Track members from De-Pauw, Wabash, Butler, Hanover, Oakland City, Evansville, Franklin, and Indiana State University also participated in the meet, which was the second contest on the new Tartan surface in Shook Fieldhouse. No team

meet, which was the second con-test on the new Tartan surface in Shook Fieldhouse. No team points were given or scores kept in the open meet, as the pur-pose of open meets is to help individuals increase their per-formance in a meet-like atmos-phere before the indoor track season actually begins. Starting the regular indoor

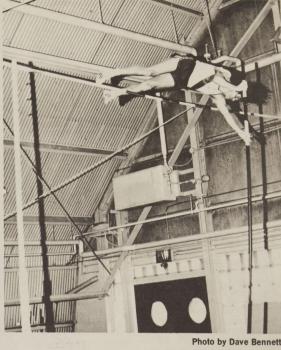
Starting the regular indoor season for Rose-Hulman will be the Rose-Hulman Invitational at Shook Fieldhouse on February 24 and an intra-squad meet will be held today

From the miscellaneous facts dept.: Americans wrote enough bad checks last year to paper the national debt



Photo by Dave Bennett

Jim Shegog in 50 Yd. Dash



Ernie Jones In Pole Vault

CAGERS FAIL AT PRINCIPIA

Rose-Hulman met Principia for the second time this season and for the second time emerged on the short end, 87-68. Principia, the team which finished in the runner-up spot to Westminster in the Rose-Hulman Invitational, had control of the game throughout, largely due to the fine shooting of Lenny Falls, who ended the game with 24 points. Mike Bushong, who has been a thorn in the engineer's side for the past several years, once again hurt Rose with 18 points and some fine floor leadership. Neitmann added 17 points for the winners.

winners.
Principia ran to a 40-33 lead at the half, a lead which continued to grow in the second half despite good efforts from Mike Bennett and Denny Townsend, who ended with 17 and 13 points, respectively. The en-

gineers committed 6 fewer fouls than Principia which enabled them to outscore Prin-cipia from the line; however, Rose was outscored by 10 goals from the field as once again poor shooting haunted the en-gineers

Gary Gougan, with 23 points over the two-game weekend, has moved within 55 points of the fourth spot on Rose's all-time scoring list.

Finding A **Summer Job**

Three points in an application most important to a summer employer are good references, training and experience and special skills. He also wants to know dates of availability, reasons for applying and the applicant's attitude toward society, personal habits, and plans for the future. These are findings from research in December among 150 summer employers throughout the U.S. by National Directory Service, Inc., Cincinnati, Ohio, publishers of summer job information.

Summer jobs will be more plentiful in 1973 in South Atlantic states, Michigan and Oregon, but less plentiful in the Midwest, Maine and New York. Salaries generally are about the same, with some increases; many jobs include room and board, other benefits such as laundry, travel allowance, end-of-season bonus.

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Those Crazy Young Men And Their Racing Machines

by Ron Selby

by Ron Selby
Vern Walls, sophomore, and
Dale Hancock, junior, are preparing to test their driving skills
against some local talent in jalopy races. Their steed is a
1955 Chevy six-banger, purchased from a friend for 35
dollars. To finance this venture, the pair are selling 20 or
25 shares at two bucks apiece.
This is also going to cover the This is also going to cover the cost of rebuilding a spare engine.

they have to weld shut the doors, remove all the glass from the car, and install seat belts and a rollbar. Walls says the danger involved in these races is minimal, however.

They plan to run at the tracks at Putnamville and Riley. They are both about quarter mile dirt ovals, so top speeds are usually around 30 to 50 mph. For this reason, they feel their 235 cubic inchengine can be competitive. The best jalopy races are usually

the guys with the most balls and the best driving ability. Anyone who has ever experi-enced a ride with Hancock or Walls can testify that they both possess the necessary qualities to be champions.

There are usually two heats and one feature race per night. The heat winners get 25 dollars, and usually the first two finand usually the first two finishers in each heat run in the feature, which has a 75 dollar prize for the winner. By winning two heats during the season, our dynamic duo can repay their investors, which is their only monetary goal. If they do spectacularly, well they are thinking about investing a little in a broken-down Mach 1 and entering it in some hobby stocks. entering it in some hobby stocks. Their main idea, though, is to have fun. That's the spirit, men!

16 Volkswagens were sold in Israel recently under the condi-tion that anyone who drives said auto and sees a Nazi war criminal must run him down.

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