MOVING OUT - - - THE ROSE RACING ASSN.

What's happening on the Rose Campus? The Rose Polytechnic Institute Racing Association. The club was organized at the beginning of the 68-69 school year. At that time the club's 60 members decided to build a rail dragster, but when the sponsoring company failed to come through with the money to finance the car they decided to build a stock dragster.

To finance this the Racing Association sold auto parts and worked on cars. They still lack money though, so Dr. Hill, the club's faculty sponsor, donated approximately two thousand dollars.

They had the money, now they had to decide upon which stock car to buy. After looking all around the country, the club noticed that 1963 Dodge Station Wagons were doing a lot of winning in the D stock automatic class. Dr. Hill again came through for the Racing Association when he donated his 1963 Dodge Station Wagon.

The club got the engine free of charge from Chrysler Corp.; a 426 CID, 425 HP wedge-head engine. Right now the car is built and ready to receive its 28th coat of lacquer. It will be metal-flake yellow with a metal-flake red strip on either side. Upon completion of the car anyone who has contributed their time to the building of the car will be eligible to enter the run-off competition to determine the driver. After that the Racing Association will be ready to race, hopefully sometime in May. The car will compete in meets throughout the country. During the two years that they will run the car there is a lot of money to be made on the car.

(CContinued on Page Four)

ENVIRONMENTAL TEACH-IN

April 16 to April 26 is set for the Environmental Teach-in in Terre Haute. Renowned speakers including Ralph Nader, Senator McGovern, Mayor Lugar of Indianapolis, Mayor Hatcher of Gary, and Dr. John Logan of Rose Polytechnic Institute will discuss the topic of pollution and its control.

Mr. Nader will visit Rose on April 16 from 1 p.m. to 2 p.m. discussing the problem of pollution and conducting a question and answer period concerning that topic. April 22 will see Dr. Logan and Senator McGovern speaking at Indiana State, while Mayors Hatcher and Lugar will appear the 23rd.

Throughout the week, seminars will be conducted pertaining to the serious problem of pollution and the dangers resulting from it.

It is hoped that the faculty of Rose Polytechnic Institute will see fit not to schedule tests that week and allow students to attend these seminars without fear of penalty. Pollution is an extremely critical problem, and we as engineers must assume leadership positions in an attempt to control the serious consequences resulting from our rapid technological development.

-GREG DAWE

OPERATION CATAPULT

Area boys interested in attending Rose Polytechnic Institute's unique "Operation Catapult" are urged to make application within the next few days, according to Duncan C. Murdoch, director of admissions. Mr. Murdoch reports that applications for this summer's program are running approximately twenty per cent ahead of this date a year ago. In fact, more than 100 applications have been received for the program which will be limited to two sessions of 60 boys each. The four-week sessions are June 15-July 15, and July 15-August 15.

The program is open to boys who have completed their junior year of high school and are considering a career in engineering, science or mathematics. Students must have completed three years of mathematics and one year of either chemistry or physics.

Catapult is designed to provide the student with practical experience through the "scientific method" of investigation. This includes the design of an experiment by three-man groups, as well as the collection of data and suggestions for further study.

Since the computer is now an indispensable tool, the students are urged to learn the use of the computer. On April 14 and April 21 the Rose faculty actually looked into the possibilities of using such techniques through a series of workshops conducted as a part of Rose's College Science Improvement Program (CO­SIP).

The workshops were aimed at bringing the latest innovations in engineering education to the Rose campus. Members of the faculty were able to explore and experiment with the new approaches to engineering education to find out what use and value these approaches would have to the individual professor. At the same time they were able to consult with two leaders in the field of educational technology.

The two leaders of the workshop were Robert D. Strum and John R. Ward, professors of electrical engineering at the Naval Postgraduate School, Monterey, Calif. Working together, Professors Strum and Ward have developed very different approaches to the teaching of electrical engineering here from 1950 to 1958.

Their work has been highlighted by the American Society for Engineering Education and other educational organizations.

This, interestingly, was not the first visit to the Rose campus for Professor Strum. Having gone to Wiley High School, he received his B.S. in E.E. in 1946 and later taught electrical engineering here from 1950 to 1958.

The weekend workshops included discussion of educational needs and objectives, programmed instruction and building
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EDITORIAL

Third quarter of the 1969-70 school year has arrived at the Rose Campus, and within a few weeks the freshmen who decided that a fraternity experience to be part of their college life will be activated, provided they made grades. Greek Weekend which takes place in May is to be closely correlated between fraternities through the Interfraternity Council to produce a function which will be one of the highlights of the year. Activation and Greek Weekend will provide the students at Rose with an opportunity to scrutinize the system as a whole and as each individual fraternity.

The method and spirit used by each individual fraternity in putting their pledge class through the pre-activation rigor will certainly be closely watched by these in other fraternities and also the independents. If personal degradation of the pledges is the dominant feature of the ceremonies before activation, certainly legitimate questions can be asked as to whether the fraternity is building respect and brotherhood between members and fulfilling its other goals.

Careful scrutinization will take place during Greek Weekend this year to see if the social fraternities on the Rose campus can plan and execute a successful social function for the fraternity men at Rose Polytechnic Institute. Realizing a goal of brotherhood will be a point of criticism during this period. The purpose of the Interfraternity Council is to unify the different fraternities and direct a united effort toward common goals. If the council fails to show some forethought and planning for the events to be held, how can one expect others outside the fraternities to believe that the council is a truly united, intelligent organization working for the benefit of its members.

In conclusion, this quarter will be a period of trial for the fraternities of Rose in which there will be plenty of opportunity to show their stuff, good or bad. Certainly if they fail to accomplish all their projected goals, there should be no harsh criticism for this failure; however, if the majority of their plans fail, the fraternities should make a careful re-evaluation and bring their planning more in line with what they profess.

—Editorial Staff

LETTER TO THE EDITOR

It’s that time of year again. From now until the end of the quarter there will be a high school prom in the Union building every Friday and Saturday evening. These large dances usually present some traffic problems. To help alleviate the traffic problem, the Union will have men placed at the main intersection and elsewhere to direct these outside groups to appropriate parking areas. Rose men should ignore the guys directing traffic, but they should also avoid running over them. Your cooperation in handling this inconvenience will be appreciated.

Thanks,
—The Union Staff

WRTR EDITORIAL

This past week has witnessed several editorials from WRTR directed primarily toward the faculty and administration. Although they may have been somewhat painful, we felt that what was said needed to be said. The following editorial is directed toward the students. Although it may be somewhat painful, we think its points are also important.

The amount of vandalism taking place on campus is now tremendous. This is not a new situation. Rowdiness has reached epidemic proportions in some locations. Some residents object to this, but are afraid to do anything concrete for fear of reprisals. Obviously, this situation does little to make campus life pleasant. Two questions that have to be answered soon are why this is happening, and what can be done about it. Here is one possibility.

We at WRTR feel that a major cause of the increase in damage to facilities is just plain bitterness. Oh, the uppersclassmen will say that everybody’s always bitter around here, and the situation will never change. But with simple statements, it is simple, direct, and wrong. A cursory examination of the freshmen and sophomores, compared to the juniors and seniors, yields some interesting conclusions. In general, the freshmen and sophomores are less willing to sit back and ignore things that bother them. They believe in taking action. The are more important; finding fault quicker when the system fails to function. They talk about their problems among themselves, and when all else seems to fail, they take out their bitterness on each other—or, the buildings. This sort of protest is automatically self-defeating. Look at the events of the past year, from the faculty’s point of view. Fall quarter came with an easing of dormitory regulations. They were eased still more this quarter. At the same time, vandalism rose. A $125 exit sign disappeared from Deming basement. Vandalized machines were smashed. Mysterious long-distance calls appeared on the school accounts. It doesn’t take much consideration to see the reaction to this. “All this trouble started when we eased the rules,” the faculty might say. “The best way to stop it is clamp down on everyone and can anybody who gets out of line!” We are afraid that this has already started to happen. At a time like this, even the slightest misstep by either side could easily lead to disaster. Someone taking his frustrations out on a fire alarm could lead to the incident that might polarize the campus. A clampdown on suspected troublemakers could lead to further student bitterness, and the whole situation could spiral out of control. Let’s face it: In an out-and-out confrontation between the students and the faculty, the students would be the immediate losers. Anybody who doesn’t realize where the power lies around here is either blind or stupid. So we have a student body confrontation—so what? It exists only as long as the faculty chooses to accept it. The same thing applies to any student organization.

The system hasn’t broken down yet. Things are still working to an extent, but exasperation will kill it. Therefore, we ask you, the student, to stop and think. Sure, you’re bitter. But will stacking furniture or smashing lights accomplish anything? If you’re bitter, why aren’t you out talking to the people who can help—instead of sitting in your rooms talking to each other.

“Alright,” you say. “So who’s to talk to?” For a start, about your S-G-A and I-D-C representatives. They are your first line of defense. Through them, you can make the administration aware of your gripes. If you don’t have a representative, or he is doing nothing, talk to the organization presidents. They are willing to listen.

Maybe it’s some problem the Student Government can’t or won’t deal with. If it’s an administration matter, you know roughly who is in charge, go see him. In our experience, there is nobody on the administration or faculty who locks students out of his office. Have (Continued on Page Five)
indispensable tool in all of science, the Caprull program includes basic instruction in the use of the FORTRAN language for the IBM 1130, along with the machine-oriented language used in the Bendix G-16 computer.

While the “month of college” approach is the central idea of the program, the outstanding faculty is the key to the success of Operation Caprull. Selected for their reputation as excellent teachers, the faculty includes Prof. Alfred Schmidt, director, and Professors Herman Moench and Oran Knudsen of the Rose faculty. Also on the staff is Harry M. Johnson, science coordinator for the Vigo County Schools.

EXPANSION!

Necessitated by a growing student body and a need for more and better laboratory facilities, a new wing will be connected to the Chem. Eng. department at the rear of the main building here at Rose. The new wing, which will cost approximately one-half million dollars, is part of Rose’s long-range development expansion plan. The new wing will try to solve many problems at a minimum cost. When plans for the new wing were originated, the need for more office space, more classroom and study space, and a long overdue shortage of laboratory space was considered.

The building will try to have a maximum use of space at minimum cost. The wing, designed and built by Construction Consultants, Inc., should be ready for use by early fall, according to business manager Col. Robert T. Willets. The wing will house eleven classrooms, a graphics laboratory, 15 faculty offices, a student lounge, mechanical room, study area, and neutron accelerator inside its 25,000 sq. ft. floor area. The building will be totally environmentally controlled, being air condition and filtered as well as heated. There will be no windows in the building. According to Col. Willets, the building will be built to look as austere as possible with a limited amount of funds. It was designed similar to a factory of today, just as the main building was designed similar to a factory at the time of its construction. It has been built with an eye to the future needs of Rose Polytechnic Institute.
Drug Violation Arrests Of Americans Overseas

The Department of State wishes to bring to the attention of Americans traveling abroad, and particularly of young Americans, the serious consequences which may result from their arrest by foreign governments on charges of possession, trafficking in, or smuggling illegal drugs. This announcement is made in view of a marked increase in such arrests reported by the United States consular officials.

Young Americans (under 30) who are now traveling widely and in larger numbers than ever before, represent the greater number of U.S. nationals arrested abroad for narcotics violations. Since records have been kept by the Department of State, 20 foreign countries in February, 1969, but by February, 1970, the total has risen to 404—the largest number of Americans held for narcotics violations since records have been kept by the Department of State.

When a United States citizen is arrested abroad, U.S. consular officials move as quickly as possible to protect his rights, but the laws of the country where the arrest takes place determine what those rights are.

Whenever possible, an American consular officer visits the detainee on learning of his arrest, or of his being denied appropriate rights, and provides him with a list of local attorneys from which to select defense counsel. If the detainee wishes, the consul helps him contact his family or friends to let them know what has happened and seek their assistance.

The consul reports the arrest and subsequent developments to the Department of State. He is in regular contact with the detainee, his attorney, and local officials to determine how the detainee is being treated, and to make sure that processing of the legal charges is not unduly delayed. He also does whatever is possible to solve any difficulties which may result from the conditions of detention.

Under U.S. law, official U.S. authorities must be notified whenever an American is detained abroad.
CAMPUS TRAFFIC RULES
(Continued from Page One)

problem on campus. The new rules are more explicit in nature than the old set of rules and should be reviewed by every student. Here are the main changes:

1. Strong action will be taken against those people who do not obey safe driving practices, because some students still like to walk safely on campus.

2. The fieldhouse lot is specifically designated as the overflow lot to be used when no room is left in your lot.

3. Driveways, lot entrances, loading zones, and areas behind the Union are at no time available for parking. Marked spaces in the lots themselves are open to all students after 5:00 on weekdays.

4. Fines will be paid to the cashier and NOT taken out of breakage deposits.

5. Students are subject to a $5 to $10 fine and/or suspension of the parking privilege upon receipts of a fourth ticket during any one quarter. This depends upon the decision of the Student Traffic Court, which will also call students in automatically after a third violation. Obtain a copy of the rules in the counseling office or read the one posted on the main bulletin board for specifics and further minor rule changes.

The Student Traffic Court will strictly enforce all stated rules in the Traffic Code. Since the parking situation is a problem, this court will not hesitate to suspend the parking privileges of those who cannot force themselves to meet the rules. This includes the freshmen and sophomores who are using the upperclassman lot east of the main building. That lot is for juniors and seniors only; and the Traffic Court will take steps to permanently suspend the parking privileges of anyone who deliberately tries to defeat the rules by obtaining a fraudulent permit.

If you do not agree with the new set of rules, talk with your Student Government representative. Also if you have extenuating individual circumstances, do not fail to appeal your traffic ticket to the Traffic Court—that's what it is for.

WRTR EDITORIAL
(Continued from Page Two)

You tried talking to your faculty advisor? Even if it has nothing to do with your courses or schedules, maybe he can help. Rose also has a counseling office—how about seeing them? If all else fails, remember that Dr. Logan maintains open office on Monday mornings just to take care of problems. Remember, if you don't utilize the accessibility that's there, how can you gripe about nobody listening to student complaints. Did you bother to make yours known?

Suppose you've seen everybody, and still can't get satisfaction. Make your problem public. The Institute Inklings accepts letters. WRTR will provide time for your personal statement. Maybe in this way you can let others whose opinions agree with yours know that they aren't alone.

And if all that fails, you still have one nonviolent avenue of protest. If things troubling you about Rose are sufficiently disagreeable, leave. Simply that. If enough things trouble enough students that much, the resulting mass exodus will convince even the blindest administration that something is wrong.

So there you have it. We hope you've seen every avenue of protest that's available. Do you feel strongly enough about anything to see that, in protest, you can let others whose opinions agree with yours know that they aren't alone.

THE GREEKS ARE HERE!

The I.F.C. is proud to announce Greek Week-End 1970, to be held on May 14-17 (Thursday through Sunday). The Greek Week-End Planning Committee is presently submitting the following program to the I.F.C. for approval in the hopes of creating such an event truly representative of our strong Greek system at Rose Tech. The I.F.C. is in the process of re-evaluation and self analysis of its operations to determine what corrective action should be taken to put the I.F.C. into the governing capacity it is supposed to be. This analysis has been carried over to the planning of Greek Week-End, where this year's present proposal will attempt to increase the spirit and strength of the Greek system through strong interfraternity competition and through the application of intense interfraternity cooperation to organize it.

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DON'T SAY IT, PROGRAM IT!
in education, and improved
ment. They also discussed the
use of television, the computer
programmed laboratory equip­

Ron Westby due to illness and
8-1. The only victory for Rose

There were two things that
Dr. Bailey said he discovered from the workshop:

1. Programmed instruction is a better way to learn in
certain situations and to work a text. This
helps to point out really how hard a book is to teach."

2. Everybody should write one. This way the teacher
is able to know the objectives of the
course to be taught."

This workshop is one phase of Rose's $300,000 COSIP
program which received $180,000
funding from the National
Science Foundation last year. Pri­
mary objectives of the COSIP
program at Rose are:

1. The improvement of the teaching effectiveness and effi­
ciency by means of improved
methodology.

2. The improvement of teaching

methods of laboratory instruc­
tion. In addition there were a
few faculty members who at­
temted to write a programmed
instruction sequence.

One of the professors who wirtte a programmed instruc­
tion sequence was Dr. Bailey.
Dr. Bailey said that through
these programmed texts the
"student is lead to discover the
material." Commenting on the
worksheets he said, "They were
very well and very inter­
ing. Professors Strum and
Ward are very bright men."
Dr. Bailey pointed out that
there is great difficulty in writ­
ing a programmed instruction
sequence. For instance he said,
"I spent seven hours on a sec­
don that only covered two
paragraphs of a text. This
helps to point out really how
hard a book is to teach."

On the question of whether we, the
Rose students, would be using
programmed texts he comment­	ed, "Never, because the material
doesn't change so often it just
isn't feasible to write the pro­
grams."

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2. The improvement of teaching

resources center which is now in
the preliminary design stages; and the sports and
recreational center (rough design sketches only at this time); as
well as remodeling and improv­
ing the main building.

Of the 10 million yet to be
raised, $5.5 million is earmarked for construction. Almost all of this
money will have to come in the
form of grants from large foundations. $3.3 million
is the amount deemed necessary to meet the annual
operating expenses of the
school. The money to meet op­
erating expenses (that are not
covered by student tuition and
fees) must come from individu­
als, corporations, government
grants, groups interested in
Rose, and the money contribut­
ed from the Alumni Fund. The Alumni Fund is able to supply
$80,000 yearly from money col­
clected from generous Rose grad­uates.

The Rose Centennial Develop­
ment Program is a very large
undertaking but hopefully it
will all be completed by the fall of
1974. The facilities to be made possible by this program
will change the look of the Rose
campus and will bring some of
the improvements to Rose that
are needed if it is to survive as
a small private school.

**ANNOUNCEMENT**

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