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WELCOME ALUMNI

ROSE WELCOMES
NEW FACULTY
MEMBERS

The Inklings Staff is pleased to welcome ten new members to the Rose faculty this year, along with two returning faculty members who for the last year have been doing postgraduate work.

Dr. Michael J. Moloney, who taught physics at Rose two years ago returned to the faculty as acting chairman and associate professor of physics. Dr. Moloney spent the last two years at Lafayette College, Easton, Pa. Originally from Albany, New York, he has earned a B.S. from the Illinois Institute of Technology, a masters from Massachusetts Institute of Technology in 1962 and a Ph.D. from the University of Maryland.

Dr. Teruo Ishihara joins the mechanical and aerospace engineering department as a associate professor after four years at the University of Missouri at Columbia. Dr. Ishihara received a B.S. in mechanical engineering at Washington State University, Pullman, in 1949. Following graduation, he turned to mathematics teaching and earned teacher certification at the University of California, Berkeley, in 1952 and masters in applied mathematics from San Jose State in 1958. He since has earned the M.S. and Ph.D. (1969) in mechanical engineering at the University of Arizona.

A native of New Mexico, Dr. Glenn Baca joins the chemistry department as an assistant professor. He holds a B.S., M.S. and Ph.D. in chemistry at New Mexico State University, Las Cruces.

Dr. Clarence Hull of Indiana (Continued on Page Four)

HOMECOMING
ACTIVITIES-1970

"Daisey Daisey . . ." Out of the gay nineties and into Homecoming '70 rides Rosey with his best girl. It's time to don the old derby, wax up your mustache, and join him this year on October 23rd and 24th. Why not plan to attend one or more of the numerous activities planned in correlation with this year's festivities? As a reminder, the following is a schedule of events:

FRIDAY
Alumni Institute (Registration at 12:00 noon and luncheon at 12:30).
Class Agent's Meeting (4:00 p.m. in the Hulman Memorial Union).
Pep Rally, Queen Coronation, and Bonfire (8:00 p.m. west of Shook Fieldhouse).
THE RASCALS (9:00 p.m. in the Fieldhouse).

SATURDAY
"Tuskers" Breakfast.
Rose Alumni Association Annual Meeting (10:00 a.m. in the auditorium).
Luncheon (11:30 to 1:00 p.m. at Hulman Memorial Union).
Football Game (kickoff at 1:30 p.m. against Illinois College).
Happy Hour—Alumni and Seniors only (post game in front of fieldhouse).
Alumni Banquet (6:00 p.m. in Hulman Memorial Union).
Homecoming Dances (in the Hulman Memorial Union).

Let's all try to make as many of these activities as we can—it should be a good time.

A.S.M.E.
DINNER

As a prelude to the Homecoming festivities this weekend, a special invitation is extended by the Rose Chapter of the A.S.M.E. to all members of the faculty and student body to partake in a Section Dinner sponsored by J. I. Case, Inc. The course of events is scheduled to start this afternoon at 4:30 with a tour of J. I. Case, Inc. From here the activity adjourns to the Phoenix Country Club where from 6:00-7:00, all are encouraged to mingle and munch thoughts with the many successful engineers to be in attendance. At 7:00, a tantalizing steak dinner will be served to all. Cost of the meal is minimal at $2.25, to be paid at the door.

Concluding the series of events and highlighting the program will be a joint chapter meeting of the central Indiana A.S.M.E. Certainly, everyone should be interested in attending this valuable experience, if not the fine dinner.

CHEM E'S
GET MONEY

Rose Polytechnic Institute has received a $3,000 aid-to-education grant from the Atlantic Richfield Foundation. The grant is designated as a restricted gift to the chemical engineering department and will be used for the purchase of equipment or instrumentation not available through normal department funding. The specific use will be for instrumentation and process control. Rose is one of five colleges (Continued on Page Two)
All letters to the editor will be printed as received. There will be no editing or censorship. All letters must be typewritten, and must be signed. The name will be withheld by request. Please try to make letters brief and to the point. Letters must be in Box 605 before 5 P.M. on Mondays to be in that week’s issue.

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**Letter To The Editor**

To the Editor:

The following letter was released recently by the Weatherman underground: "This is the fourth communication from the Weatherman underground. The Weatherman Underground has had the honor and pleasure of helping Dr. Timothy Leary escape from the POW camp at San Luis Obispo, California.

Dr. Leary was being held against his will and against the will of millions of kids in this country. He was a political prisoner, captured for the work he did in helping all of us begin the task of creating a new culture on the barren wasteland that has been imposed on this country by the Democrats, Republicans, Capitalists, and creeps.

LSD and grass, like the herds and cacti and mushrooms of the American Indians and countless civilizations that have existed on this planet, will help us make a future world where it will be possible to live in peace.

Now we are at war.

With the NLF and the North Vietnamese, with the Democratic Front for the Liberation of Palestine and Al Fatah, with Rap Brown and Angela Davis, with all black and brown revolutionaries, the Soledad Brothers and all prisoners of war in American concentration camps, we know that peace is only possible with the destruction of U.S. imperialism.

Our organization commits itself to the task of freeing those prisoners of war.

We are outlaws, we are free!

BERNADINE DOHRN"

Dr. Leary also issued a statement at the same time, here are a few excerpts from that statement:

"... I declare that WWII is now being waged by short-haired robots whose deliberate aim is to destroy the complex web of free life by the imposition of mechanical order.

Listen. There are no neutrals in the genetic warfare.

There are no combatants at Buchenwald, My Lai, or Soladad.

You are part of the death apparatus or you belong to the network of free life.

Do not be deceived. It is a classic stratagem of genocide to camouflage their wars as law and order police actions.

"... If you fail to see that we are the victims-defendants of genocidal war you will not understand the rage of the blacks, the fierceness of the browns, the holy fanaticism of the Pakistanis, the righteous mania of the Weatherman, and the pervasive resentment of the young.

Listen Americans. Your government is an instrument of total lethal evil..."

"... Listen. There is no compromise with a machine. You cannot talk peace and love to a humanoid robot whose every Federal Bureaucratic Impulse is soulless, heartless, humorless, lifeless, loveless...

"... Listen comrades. The liberation war has just begun. Resist, endure, do not collaborate. Strike. You will be free..."

"... Listen. The hour is late. Total war is upon us. Fight to live or you'll die. Freedom is just Freedom will live."

Those are pretty strong statements from the apostle of love!

With Leary now living in the underground with Rudd, Dohn and the rest of the Weathermen, it will be interesting to see what develops in the coming weeks. It would seem that the number of bombings of Government buildings will take a sharp increase. It will also be interesting to see what steps Tricky Dick, Spiro, and Mitchell take to curb the actions of the Weathermen. I only hope that something will be done in this country so that the Weathermen will not have to resort to such violence and destruction.

-MARK THOMPSON

Editor:

Last Tuesday, the thirteenth, I suggested to someone that we should bribe the officials for the Rose-Hanover game. I told him that we should have the officials allow us to rough the kicker and that they should kill the play early, to our advantage. In addition I suggested that we have someone sabotage the official clock, not call a two-minute warning, and just listen to our coach for the official time.

It now (Oct. 17) occurred to me that I have never seen this man before, and the other people with whom I was with at that time also did not recognize him to be a member of the faculty, or the administration of Rose.

Sincerely

-JACK SMACK

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**CHEM E'S GET MONEY**

(Continued from Page One)

CHEM E's get money

What is a typical engineer? What kind of fellow is he? Raudsepp recently correlated the results of a large group of studies made by psychologists to determine the personality, habits, attitudes and abilities of the engineer. Here is what he looks like:

**Personally:**

Reserved, self-sufficient, independent, well adjusted. Has little interest in people—he is object and idea oriented. Tends toward shyness and is not emotional or impulsive. Industrious, determined; serious, sincere, honest, orderly.

**Intelectually:**

Very intelligent—in the upper ten per cent of the population—he prefers math and science. Tends to be narrow; has few cultural interests; reads little outside his field. High mechanical and visual ability but is poor at communication.

**Socially:**

Not gregarious; he has a casual relationship with colleagues. Superficially friendly; avoids leadership in group activities. Insensitive to needs of others, has few intimate friends. Tends to conform socially; dislikes chit-chat.

**At Work:**

Action oriented, hard worker, eager beaver, well organized. Highly motivated to achieve a successful solution. Prefers convergent, orderly mechanical tasks; tends to be conventional. Works hard to avoid criticism and failure; cautious and conservative. Respects authority, but dislikes being supervised. Prefers to work alone.

**Home:**

Excelling in hobbies: family oriented. Solid middle-class suburbanite; willing worker in community projects; interested in gardening, home repair and crafts.

**At Play:**

Active, creative; primarily mechanical hobbies; strong interest in outdoor life. Spectator of team sports, active participant in non-competitive sport activities. Willing participant in family-oriented recreation.

To sum up: He's an intelligent, hardworking, independent, action-oriented, solid citizen and family man.

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**PORTRAIT OF A TYPICAL ENGINEER**

In 1968 Rose Polytechnic Institute became the first college in the nation to grant a B.S. degree in biological engineering.

The bobcat is also known as the North American bay lynx.
What's Happenin'

Midterms are now upon us, and with six weeks behind, it seems convenient to look at those first six weeks and try to figure out just what the rest of the year will hold.

Of course, the most apparent changes were the physical improvements to the campus—new furniture in the student lounge in the main building, remodeled and refurbished classrooms in the A section. More significantly, there is the snack study program, where the student is learning material in the chapter. Only time and the final will tell the worth of the new program, but as a student in the new program, I feel it is a long-awaited and welcome change.

A new Humanities professor, Prof. Johnson, also brings change to Rose. Working with his two Hum IV classes, a new format for that course was decided upon. Significant points in the new format include selection by the student of those books which will be read; writing a reaction log for each book; an attempt to have the student analyze his feelings concerning the topic of the book, both while reading it, and after discussing it with others; and grading of these reaction logs by two students and the instructor. Again, more time is needed to analyze this approach, yet perhaps this is just what is needed to raise the esteem of the Hum Department in the eyes of the student.

So change it is on the Rose campus this year. Good or bad? You decide, but be aware of what is happening around you.

NEARSIGHTED? ENGINEER OR SOLDIER

U.S. Army vision requirements for induction or enlistment are (According to AR-40-501 Section VIII 2-18 Vision):

1. The causes for rejection for appointment, enlistment, and induction are listed below. The special administrative criteria for officer assignment to Armor, Artillery, Infantry, Corps of Engineers, Signal Corps and Military Police Corps are listed in paragraph 7-15.

a. Distant visual acuity. Distant visual acuity of any degree which does not correct to at least one of the following:

(1) 20/40 in one eye and 20/100 in the other eye.

(2) 20/30 in one eye and 20/100 in the other eye.

(3) 20/20 in one eye and 20/400 in the other eye.

b. Near visual acuity. Near visual acuity of any degree which does not correct to at least J-6 in the better eye.

c. Refractive error. Any degree of refractive error in spherical equivalent of over minus 8.00 or plus 8.00; or if ordinary spectacles cause discomfort by reason of ghost images, prismatic displacement, etc.; or if an ophthalmological consultation reveals a condition which is disqualifying.

d. Contact lens. Complicated cases requiring contact lens for adequate correction of vision as keratoconus, corneal scars and irregular astigmatism.

Local Industry Eliminates Pollution

The Western Tar Products Corporation, 2525 Prairieton Road, has installed two new boilers at an approximate total cost of $75,000 that will virtually eliminate all of the company's contribution to the air pollution problem in Vigo County.

Representatives of city and county government, the Terre Haute Area Chamber of Commerce, and the news media toured the company's facilities Friday morning.

Dr. Noel Moore, director of the Vigo County Division of Air Pollution Control, said, "We are elated with this voluntary effort by the company to comply with ordinances sooner than is required." Dr. Moore said the new system will eliminate at least 95 per cent of the visible ash and carbon particles and that sulphur dioxide will be substantially reduced.

Lew Taylor, executive vice president of the Chamber of Commerce, said, "the installation of the pollution-free combustion equipment illustrates that industry is doing something about air pollution and environmental improvement."

FIRST CLASSMANSHIP

The Ten Commandments Of Design

() Thou shalt have no other goal before quality.

() Thou shalt not make any false images of thy product.

() Thou shalt not bow down to the pressures of compromise.

() Thou shalt not commit abuse of thy product's function.

() Thou shalt not steal loan claims against thy design.

() Thou shalt not bear false claims against thy design.

() Thou shalt not covet thy neighbor's design, nor his design engineers, nor his production techniques.

Twelve per cent of all the male "Hoosier Scholars" of 1970 are enrolled as freshmen at Rose Polytechnic Institute.
The Fighting Engineers' superb defense over the first four games fell apart this past Saturday afternoon against the Hanover Panthers. On the account of this complete reversal, the Panthers' homecoming was a 25-20 success. On the running of Erich Blevins and Jim Reed, Hanover rolled up a devastating total of 271 yards on the ground. This performance overshadowed the fine efforts of Rose Poly's quarterback Mike Box, who threw for 274 yards which included two touchdowns.

The Panthers struck first in the game on a six yard pass that was delivered from quarterback Dick Bergman to tight end Rick Sheppard. The p.a.t. was successful, so the Engineers were trailing 7-0 with just six minutes gone in the game. But this lead did not last for long as scrumbling Mike Box connected on a 48 yard scoring strike to Mr. Murphy. Randy Shoaf added the point after touchdown and the score stood 13-7 for the home team.

During the second quarter, the roar of the Panthers could be heard over the entire stadium as they drove their way down to the Engineer's 11 yard line. At this point Rose dug in and fought valiantly for seven plays until quarterback Bergman sneaked in for a touchdown from the one yard line. This time Bill Randall blocked the p.a.t. attempt so the score stood 13-7.

The Engineers' offense did not quit at this time as they took the ensuing kickoff, and marched down the field. This particular drive included some fine runs by backs Roger Ward and Dan Holiday and again the passing of Box. The Big Red machine finally scored on a 39 yard pass play from Box to Murphy with Shoaf kicking the successful p.a.t. Therefore, the Engineers nursed a slim 13-7 halftime lead, but the fatal second half was yet to come.

The third quarter was entirely controlled by the Panthers as they took the lead away from the Engineers and also added a little padding to that lead. The first score came on a four yard run by Hanover's fullback Blevins, which gave his team a 19-14 lead. Unfortunately, the Engineer's offense could not mount an attack this time, so Hanover took over the ball. Again, the rushing Panthers were too much for Rose's defensive unit. They charged down the field for the score with Jim Reed carrying the pigskin over the goal line from three yards out. An attempted two point conversion failed but Hanover still had gained a 25-14 lead for Rose.

Again Box tried to fire up the defenseless Engineers with scrambling runs and pinpoint accurate passes as the game moved into the final stanza. Box moved the team down field until he scored himself from the 17 yard line to turn the lead 25-20 .as the p.a.t. attempt failed. The Engineers defense toughened up in the last period, but it was just too late as time ran out! This game is Homecoming for Rose. Let's hope Rose can get back once again on a winning note. The ball game will begin at 2:00 p.m. against Illinois Central.

HANOVER RUNS OVER ROSE

The Coaching Staff and football team wish to thank all those fans who traveled to Hanover last Saturday. We appreciate your enthusiasm and we're sorry we didn't come out in the top end of the score.

I hope you will give us the same backing at the pep rally Friday evening and also Saturday at the ball game. We are planning to be 4-2 after Saturday's ball game.

—COACH BERGMAN

ROSE WELCOMES

(Continued from Page One)

State University is assigned as an adjunct professor and will teach organic chemistry in place of Dr. Benjamin Benjamino who has been granted sabbatical leave to travel and engage in research activities at the University of Strasbourg in France.

The mathematics department has acquired the services of Raymond Brasley. He earned a B.A. at Phillips University, Enid, Oklahoma, he also has a M.S. from the same university. There than any of us, that he is trying to do the best job he can, and that we should back him and our country, right or wrong. But as a man who has been in the Senate for 10 years, who has been sitting on the Foreign Relations Committee since 1964, and who, for some years now, has been in favor of withdrawing from this war, of deescalating it rather than escalating it, I would reply with the words of Carl Schurz: "My country right or wrong. But, when right, to keep it right, and when wrong, to put it right."

—Senator Clairborne Pell

MUM PICKUP

On-campus or off-campus students who bought mums may pick them up at their specified dorms from 10 a.m. to 12 p.m. on Saturday, October 24, only! Please show your receipt.

Frat orders will be delivered to the house. The Student Wives' Club wishes to thank each student and faculty member who bought a mum for their support. See you again next year!

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