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## Volume 11 - Issue 20 - Friday, April 9, 1976

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# the THORN



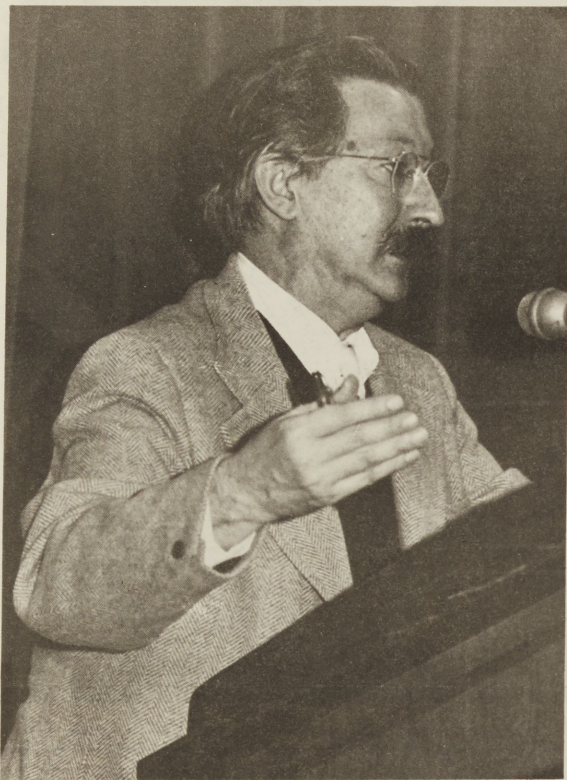
VOLUME II, NUMBER 20

ROSE HULMAN INSTITUTE OF TECHNOLOGY

TERRE HAUTE, IND.

FRIDAY, APRIL 9, 1976

## Technology Conference Comes To Rose



Dr. Melvin Kranzberg/Photo by Chaney

The conference, which received its initial funding from the Indiana Committee for the Humanities, provided an historic background and analysis of American technology during the Thursday and Friday sessions. Saturday's session directed its attention to the practical aspects of technology as it relates to future development of the Wabash Valley. The topics of coal, river basin development and the ecological concerns provided the basis for the discussion.

Dr. Ferkiss and Dr. Melvin Kranzberg, Callaway Professor of the History of Technology at Georgia Institute of Technology and the driving force in the establishment in the new field of history, were billed as the keynote speakers in a lineup of well-qualified authorities on topics which are inescapable when dealing with technology.

Kranzberg's presentation entitled "Technology the Liberator" was scheduled for 8 p.m. Friday, at the same location as the Ferkiss address.

The seven other speakers scheduled throughout the day

Friday and Saturday morning addressed themselves to electrification of America, women and technology in American life, computers, energy, river basin development and public policy, thus broadening the scope of the overall look at the history, present state and future of technology.

The public was invited to attend all of the sessions free of charge and participate in the small group discussions of the topics. Conference co-directors Dr. Thomas Haigh, assistant professor of mathematics and Dr. William Pickett, assistant professor of history, note that an informal atmosphere of open discussion prevailed.

And to make certain participants and guests were put at ease, the first session of the conference Thursday was film, "Modern Times," written, produced and directed by Charles Chaplin. This was the last American silent film and although firmly rooted in the Depression period of the 1930s, this satire of mass production and its effects upon the lives of factory workers has taken on the aura of a timeless classic.

## ACM ELECTIONS HELD

The Rose-Hulman student chapter of the Association for Computing Machinery recently held elections of officers for the 1976-77 school year. The new officers are Steven Yockey, President; Thomas Allebrandi II, Vice-President; and Paul Brandenburg, Secretary-Treasurer. At this same meeting,

plans for the Rose Show were discussed. ACM hopes to have several interesting exhibits using both the XEROS 530 and the PDP 11/40. Anyone interested in joining either the national organization of ACM or the local chapter may see Dr. Criss, Richard Petke, or Steven Yockey.



Dr. Ruth Schwartz Cowan/Photo by Chaney

## Fresh Applications Closed

Rose-Hulman Institute of Technology Tuesday announced that it is no longer accepting applications for admission to the freshman class entering in September.

In making the announcement Dr. John A. Logan, president of the college of engineering and science for men, said, "As of this date we are oversubscribed for the incoming class and in order to fulfill the commitments we've made and maintain the quality of our education, we are not processing or admitting any additional freshman applications."

According to Duncan C. Murdoch, dean of admissions, Rose-Hulman has received a record 1,300 applications for the 350 spots available in the freshman class.

Since most students who qualify for admission to an institution such as Rose-Hulman apply to two or more colleges, it is the practice of these institutions to admit more students than they intend to enroll.

"We have received far more commitments than we had anticipated from those students we've offered admission and financial assistance," said Murdoch. "There are seventy-five spots remaining for a large pool of qualified candidates."

Murdoch, who has been in admissions work at Rose-Hulman since 1953, cites the improvement in the economy, the high national placement figures for engineering and science and a substantial increase in out-of-state inquiries for application as the three reasons for the upswing in admissions at the college of 1,050 enrollment.

Each year the Rose-Hulman freshman class is the most highly-qualified academically of any entering class in the Midwest as measured by three common yardsticks used by admissions officers—class rank, achievement as determined by the Scholastic Aptitude Test (SAT) and American College Testing (ACT) scores, and the number recognized as National Merit Scholars.

The middle man typically ranks in the upper six percent of his high school graduating class. This year 10 percent of the incoming class will be National Merit winners.

## Tau Beta Pi Taps 12

Twelve students at Rose-Hulman Institute of Technology have been chosen for spring pledgship in Tau Beta Pi, national engineering honorary.

Requirements for admission are higher than any other honorary on the Rose-Hulman campus. Sometimes referred to as the "engineers Phi Beta Kappa," Tau Beta Pi is open to all majors with honors level scholastic averages and leadership qualities. It is emphasized that high character and a willingness to help fellow students are strong factors in selecting new members.

Seven juniors were selected

from the top eighth of their class. The five seniors were chosen from the top fifth of their class. Students selected are juniors: Jon S. Boo, Jeffrey M. Cary, John A. Fitch, Richard A. Gollhofer, Charles D. McDonald, P. Kent McLaughlin, and Robert P. Thacker.

Seniors include David L. Dahl, Stephen A. Hess, Dennis E. Main, Neil D. Quellhorst, and Andy D. Wagner.



## PRESIDENTS AND TREASURERS OF S.G.A. FUNDED CLUBS

Your budget proposals and year end reports are due at 5:00 P.M., Wednesday, April 14.

Submit to BOX 727

## LETTERS To The EDITOR

Dear Editor:

A rebuttal to a rebuttal? Perhaps, but "the record should show the facts".

First, let me say that the main purpose of my previous letter was, as stated, to consider the time value of money and the comparison of a Rose education and ultimately an engineering job, financially, with another profession; not to establish myself as an expert in the use of the USPWF tables.

In response to Dr. Oxemann's letter in last week's Thorn, he begins by saying that he is using my assumptions as a basis for his calculations. In actuality, however, my assumptions indicated lump sum cash flows for both of the hypothetical jobs and tuition, not continuous cash flows. (Impulse functions anyone?) Further, Dr. Oxemann apparently does not understand the meaning of 4½% annual interest. I assumed, perhaps falsely, that this was a standard form of indicating annually compounded interest, not continuously compounded interest. 1. Finally and ironically, he produces the correct answer by means of an oversimplified problem based on incorrect assumptions. 2. That, I am sure, would be enough to cause LaPlace to roll over in his grave.

I in no way wish to debate Dr. Oxemann's ability to setup and solve differential equations. But when a conclusion is made from calculations which are so transparently and grossly not applicable, someone should set the record straight.

Perhaps Dr. Oxemann should consider taking an economics course and, in the future, monitor his slanderous remarks more meticulously.

Yours truly,  
Signed,

Dan T. Montgomery  
(student)

1. Taylor, George A., *Managerial and Engineering Economy: Economic Decision-Making*, New York: D. Van Nostrand Company, 1975.
2. "How to Fool Most of the People Most of the Time, with First Order DE's" by Don T.U. Wishuwereright (unpublished)

Rose-Hulman now has the facilities to have a wrestling team. Up until now the lack of a wrestling room was the reason given for their being no wrestling team. Many students have expressed an interest in starting a team. Petitions are now being circulated in order to show the faculty that the students would support a team.

If you would like to participate on the team see Paul Sechrist (BSB 2) about signing. If you would probably not participate but would still like to see Rose start a team see Dale Gobreski or Paul.

Dale E. Gobreski

## Student Activities Board Reports

"Something for everyone" is the goal of your Student Activities Board (SAB). With the help of advisors Mike & Lucy Samara the SAB is currently beginning the task of scheduling next year's convocations, coffeehouses, and other activities. During the 75-76 school year the SAB has presented about 32 events during the 30 week school term (see list below).

Last year's budget for your SAB was \$9000 of your money; and the SAB would like to know how you'd like them to spend it and what programs and entertainment you want to see at Rose next year.

Board membership is open to any Rose student, so come to a meeting or two. Meetings are currently held on Sundays at 6 P.M. in the Union Mindgarden. If you'd like to receive notices concerning the meetings give your name and box number to chairman-elect Paul Koch c/o box 792. There's something in SAB for you, too.

GOLIATH concert  
Rose talent show  
Hayride with St. Mary's  
PINK ELEPHANT CLUB-  
homecoming  
Collins & Levine-  
coffeehouse  
Pat Webb- concert guitarist  
Tim Bays-coffeehouse  
Rose/St. Mary's talent show  
KEEP 55 ALIVE-  
50's dance & contest  
All night honor flicks  
Betsy Kaske-coffeehouse  
Alpha Omega Players  
Convocation-  
Heroes & Gild Cases  
Guy & Pip Gillette-  
coffeehouse  
Kathy Black & Catesby Jones-  
coffeehouse-4/29-5/1  
Larry Keen & Co.-  
coffeehouse-5/6-9  
ETHOS concert-5/9

## THE THORN

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**Paul Hahn, Greg Chaney, Otto Miller,**  
**Doug Hutchinson**

## DECENT CHICK OF THE WEEK



MISS DEBBIE AGUILA

## OPEN DOOR POLICY COMES TO MISSOURI

The Open Door Policy may go into effect again, but instead of Chinese trade, dormitory doors are the issue this time. Dorm residents at Missouri Western State College are fighting for a compromise that would allow members of the opposite sex to visit their bedrooms if the door is left open.

Vice-president Nolen Morrison sees problems in following that course. "I feel that, for one thing, the open door policy would be an impossibility to enforce. And who is to say how open the doors should be—one inch, two feet or all the way?" he wonders.

Morrison believes the school's visitation policy, which forbids women and men to enter each others rooms, "is very liberal compared to other schools." Establishing an "open door policy" would not be in the best interests of students, he concludes.

### IRVING MOVIE

HOLLYWOOD (UPI) — Clifford Irving's phony "biography" of Howard Hughes will be turned into a movie to be titled "The Billionaire." producer David Wolper says.

Wolper said Wednesday he had purchased the film rights to the book, which Irving rewrote as a work of fiction. The amount paid Irving, who will help write the movie script, was not revealed.

## S.G.A. NEWS

By Randy Ridgway

During the week of April 19-23, I will be interviewing students to serve as representatives on the following faculty and administrative committees. Here's a brief description of the business that each committee handles.

**Athletics and Recreation Committee** - Planning and approval of all athletic and recreational duties on the campus; two voting students.

**President's Commission on Campus Planning** - Two student members; serves the President in planning and carrying out the development of the physical facilities of the campus, both service and academic.

**President's Commission on the Quality of Education** - Two student members; to offer recommendations in the improvement of the overall educational program of the Institute.

**Computing Center Committee** - Two student members; to advise and assist the Director of the Computer Center in the planning, operation and determination of needs for computer center services.

**Discipline Committee** - Two student members; rule in disciplinary matters involving registered students of the Institute ranging from reprimand to dismissal. Also, rules on appeals from the Student Judicial Council.

**Library Committee** - Two student members; to advise the librarian in the provision of library services to include budget levels, recommended acquisitions and services to be provided.

**Parking Committee** - Two student members; recommends to the President traffic regulations for the campus.

**Rules Committee** - Two student members; serves to revise and interpret the general rules and regulations by the Institute.

**Student Organization Committee** - Two student members; supervises the student organizations and their activities in conjunction with the Student Government. Also, has to approve the formation of all student organizations.

**Admissions Committee** - A committee of seven students who serve as an advisory board to the Admissions department for the improvement of admissions policy and practices.

Applications for student representatives are now available in the S.G.A. office. I'll post a schedule of when I'll be interviewing, and you should sign up for a time when you submit your application. If you're interested in more than one committee, then submit any additional applications for those additional committees of interest to you. The deadline for applications will be 12:00 P.M. Monday, April 19. Return them to the S.G.A. office.



# AMERICAN YOUTH ON BIG BUMMER

by Bill McGram (CPS)

"I've got a good job, I'm successful and I want to kill myself," a disturbed young person tells Dr. Leonard Bachelis, director of New York City's Behavior Therapy Center. "Life doesn't mean anything."

That person is not alone. Mental health problems, particularly depression, disillusionment, frustration, alienation and anxiety are haunting young, college educated people under 30 these days in numbers greater than ever before, mental health experts all across the nation report.

Men, women, blacks and whites are all being stung by these afflictions, experts say. The reasons, all agree, are complex and many, but disillusionment with politics, problems with the job market, confusion over changing sex roles and general dissatisfaction with "The American Dream" are mentioned by psychiatrists and counselors most often.

Experts are quick to point out that many young people are living normal, healthy lives with no signs of emotional disturbances. But the number of people under 30 seeking professional mental health care has increased so much in recent years that specialists say the trend is significant and that it worries them.

Dr. Robert Brown, a psychiatrist in Virginia, found in a study that about one third of the young people he examined were "very depressed much of the time." A Pennsylvania psychiatrist estimates that 50 to 75 percent of today's mental hospital patients are adolescents and young adults. In Seattle, psychologist Karol Marshall says many of the young people she sees have a sense of "despair."

Why so much depression among the young? "They are threatened by the future," Dr. Edward Stanbrook told The New York Times. "They see the possibility of not having jobs, not having a lot of things their parents took for granted. They see the possibility of not having an adequate role in society," Dr. Stanbrook added.

"They can't get the job they want," psychologist Marshall explains. "They have a sense of helplessness, directionlessness and purposelessness, and this deteriorates into depression."

A survey of mental health experts in 14 cities by The Times found that emotional problems were most acute among young people who had rebelled or "dropped out" of society during the 1960s. These people are turning up on psychiatrists' couches most frequently, and they are

taking to alcoholism, drugs, suicide and religious and astrological cults more than their peers who opted for more of a straight life in recent years, experts say. According to psychiatrists, these rebels are messed up because they failed to fulfill many of their expectations.

An example of this group is ex-hippie leader Jerry Rubin, Rubin, 37, was one of the craziest of the crazies during the sixties who once urged teenagers to "kill their parents." Today Rubin is a mellowed-out author who has gone through drugs, yoga, acupuncture, rolfing, bioenergetics, Reichian therapy, EST, psychic therapy, Arica, jogging, vitamins and natural foods. He has just written a book telling all about it entitled "Growing (Up) at Thirty-Seven."

Many experts say easy parents led many youths down the path to the couch. "To put it in simplistic, laymen's terms," says a California psychiatrist, "a lot of these kids were led to believe the world would be handed to them on a silver platter. They got spoiled by permissive parents and aren't prepared for a cruel world."

Noted Harvard professor David Riesman agrees. "This generation of students are the

first to be raised by permissive, professional parents," he said. "They've told these youngsters that the idea is to be happy, to be fulfilled." But Riesman adds, "you don't achieve happiness because of what you are doing or have done, not because you wish to be happy."

On campus itself, college counselors are finding disillusionment welling up in many students who have not rebelled or "dropped out."

This year, over 250 students will take their own lives and another 750 will try to. Suicide is currently the biggest campus killer next to accidental death. The National Center for Health Statistics reports that the suicide rate for people aged 20 to 24 leaped from 8.9 per 100,000 persons in 1965 to 15.1 per 100,000 in 1974. For the 25 to 29 age bracket, the rate jumped from 11.3 per 100,000 to 15.9.

Reasons, according to campus shrinks, are shot-down dreams. "College is a ruthless gardener," comments a UCLA social worker. "When a student realizes that his dreams may not bear fruit, that he can't be a great writer, lawyer, doctor or accomplish great social change, there is a sudden sense of failure, fear of disappointing one's parents."

## CAMPUS HAPPENINGS (CPS)

Despite the fact that campuses are generally peaceful these days, leave it to television to drag out the bizarre and sensational in collegiate happenings to titillate viewers and sell ads.

Take David Borman for instance. David is chancellor of bucolic Tolliver University. Young, bright, suntanned and partial to well-tailored, pinstriped suits, he is also as kinky as the hangman's noose he likes to beat his girlfriends with as he chases them around a university-owned mountain retreat while calling them "pigs."

Borman, played by actor Monte Markham, was the subject of a recent episode of NBC's "McNaughton's Daughter," a weekly show which follows the exploits of a young, attractive assistant district attorney portrayed by Susan Clark. Borman was accused of murdering Tolliver's best-known radical teacher who Borman claimed attacked him first but who really had seen Borman literally beating the brains out of a young prostitute in one of his fits of sado-masochistic pique.

Among other scenes, Borman is shown addressing a campus rally honoring the dead teacher whom he killed, telling the crowd he and the radical were engaged in the same search for the "truth of scholarship." It is also revealed that Borman once seduced, and later beat, the school's leading Chicano activist. Borman gets his in the end, however, as the heroine does him in at the mountain retreat.

It's not what most money-starved university officials would call positive image building, but then, "it sure brings in the commercials," as one disgruntled college president was overheard saying.

## \$500 GIVEAWAY

The Rose-Hulman Racing Association will be sponsoring a model car contest on April 24, 1976. This is open to all students, and there will be two prizes, \$20 for best paint scheme, \$30 for best model. Best paint will be judged on the best paint scheme, while best model will be judged by: 1. Overall appearance, 2. Extra-authentic details, 3. Paint, 4. Display, and any other things that impress the judges.

A car CANNOT win both prizes, so there will be two prizes. All cars will be judged by an independent panel of judges, and should be at the ROTZ lab before 10:00 Saturday morning April 24, 1976. All entries should also inform Herb Turner (Box 933) by April 22 (Thursday) so space requirements are planned for. Judging will be 12:30 to 1:00, with awards at 1:30. If you have any questions contact Herb Turner or Chris Hebb.

## Could you be a nuclear expert? (If so, you could earn more than \$500 a month your Senior year.)

Even if you're a Junior engineering or physical science major, it's not too early to start thinking about your career. And if you think you've got what it takes to become an expert in nuclear power, the Navy has a special program you should look into right away.

Why right away? Because if you're selected, we'll pay you more than \$500 a month during your Senior year. (If you are presently a Senior, you can still join the program.)

What then? After graduation, you'll get nuclear training from the men who run more than 70% of the nuclear reactors in the country—Navy men. And an opportunity to apply that training in the Navy's nuclear-powered fleet.

Only about 200 men will be chosen for this program this year. So, if you're interested, call us.

Contact: Lt. Mike Fitzgerald  
On Campus April 14 & 15  
Make Appointment At The  
Placement Office

## ROSE-HULMAN DRAMA CLUB

PRESENTS

## THE GOOD DOCTOR

by Nell Simon

Adapted From Stories  
By Anton Chekov

Friday 8:00 P.M.  
Saturday 2:30 P.M.  
April 23 & 24

At The  
Rose-Hulman  
Auditorium

Tickets \$1.00 Each  
No Seat Reserved

# Engineers Split With Tigers 26½-33 Travel To Wabash Today

by Malcolm Guinn

The Engineers play their third double header today at Wabash with the first game starting at 1:00 p.m. Results of the games played at Earlham on Tuesday were not available at press time.

Rose opened up their season against DePauw in a doubleheader at Art Neif Field last Thursday. DePauw took the opener with the engineers bouncing back to take the second.

Gary Schultz started on the mound for Rose and baffled the Tiger hitters during the first two innings, but Rose was also unable to mount a scoring attack. Two errors and a walk set up DePauw's first score as the Tigers took a 2-0 lead and then stretched it to a 4-0 lead in the top of the fourth.

John Schroeder put the Engineers back in the game with a towering three run homer in the bottom of the fifth. Disaster struck the Engineers in the sixth inning. A fast ball on a third strike started off a chain reaction of errors. DePauw scored six runs on only two hits and coasted

in to post at 11-3 victory.

In the second game Gary Lee was the starting pitcher and the Tigers struck for two first inning runs. DePauw added two more runs in the third on a pair of triples.

Rose then erupted for six runs as they used the double steal successfully three times. Bob Burwell drove in two runs with a bases filled single as the Engineers grabbed a 6-4 lead.

Bruce Anderson relieved the tired Lee and set the Tigers down in order. Rose built its lead to 10-4 cushion on a bases filled triple by Burwell. DePauw suddenly caught fire and scored six runs to tie up the game. Rose's batter began to cool off as they were shut out for the next three innings sending the game into an extra stanza. In the bottom of the eighth Bob Hildebrand reached first on a passed ball on a third strike. Hildebrand then stole second and scored when Dick Neal's line drive to left field was dropped.

# THORN & I.D.C. Sponsor Saturday Night Live



The evening began with a casual candlelight meal.



'Moonlight Oasis' rock band kept things moving.

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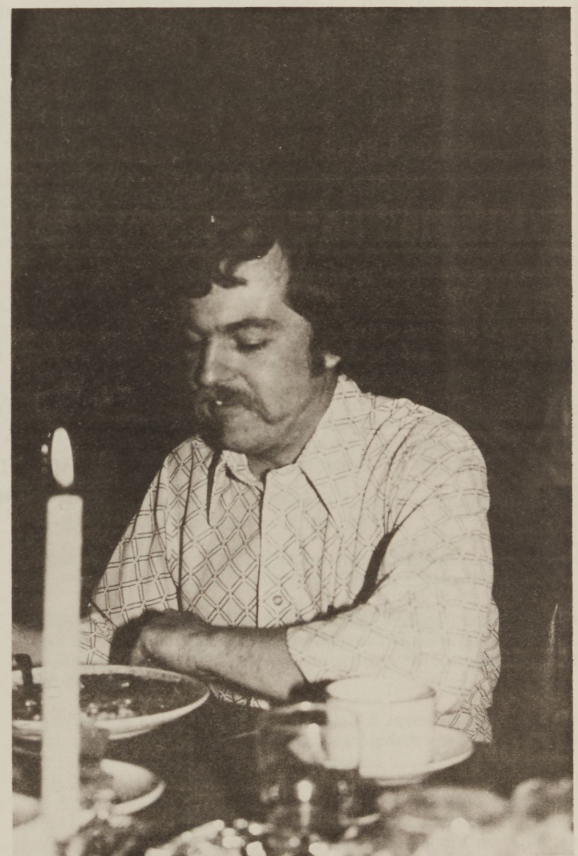
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"The Giant Roast Beef Sandwich"  
2800 E. Wabash  
14 Different Sandwiches Charokee Fries  
Weekly - 10:30 a.m. - 9:30 p.m.  
Fri. & Sat., 10:30 a.m. - 10:00 p.m.  
Heap Big Beef  
With The Purchase Of Any Sandwich This Will Entitle You  
To A FREE Small Soft Drink.

## Saturday Night Live

On Saturday night April 3 the Thorn and the I.D.C. co-sponsored a dinner dance 'Saturday Night Live' for the entire school. In case you missed this great event you probably missed the most significant social event of the year. The bill included a candlelight dinner, dinner entertainment by solo guitarist, Al Easton, and dance music by 'Moonlight Oasis'. This was offered to most at the very low price of one dollar.

A substantially large crowd turned out for the event and stayed until the band finally wound down at about 12:30 A.M. Sunday morning.

In view of the fantastic success of this event it is hoped that a similar venture might be undertaken next year, it can only be bigger and better.



M. Ren'e Herbert provided a gourmet meal

