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Student Newspaper

Spring 4-22-1977

Volume 12 - Issue 20 - Friday, April 22, 1977

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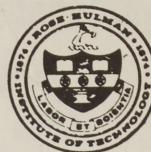
Rose Thorn Staff, "Volume 12 - Issue 20 - Friday, April 22, 1977" (1977). *The Rose Thorn Archive*. 492. <https://scholar.rose-hulman.edu/rosethorn/492>

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the THORN



VOLUME 12, NUMBER 20

ROSE HULMAN INSTITUTE OF TECHNOLOGY

TERRE HAUTE, IND.

FRIDAY, APRIL 22, 1977

THEODORE SCHAD TO VISIT CAMPUS

by Eric Dansker

Theodore M. Schad, Executive Secretary of the National Studies Board of the National Research Council, will be the next Woodrow Wilson Visiting Fellow at Rose-Hulman, during the week of April 24.

Mr. Schad, a native of Maryland, holds a degree in civil engineering from The John Hopkins University in Baltimore. He is a registered professional engineer in the District of Columbia and has more than thirty

years of experience working with Federal agencies in the field of water resources.

His work has dealt largely with flood control, rivers, and harbors; some of the agencies are the U.S. Army Corps of Engineers, the U.S. Bureau of Reclamation, and the U.S. Bureau of the Budget, Executive Office of the President. He was Staff Director of the U.S. Senate Committee on National Water Resources from 1959 to 1961, and served as Executive Director of the National Water Commission from 1968 to 1973.

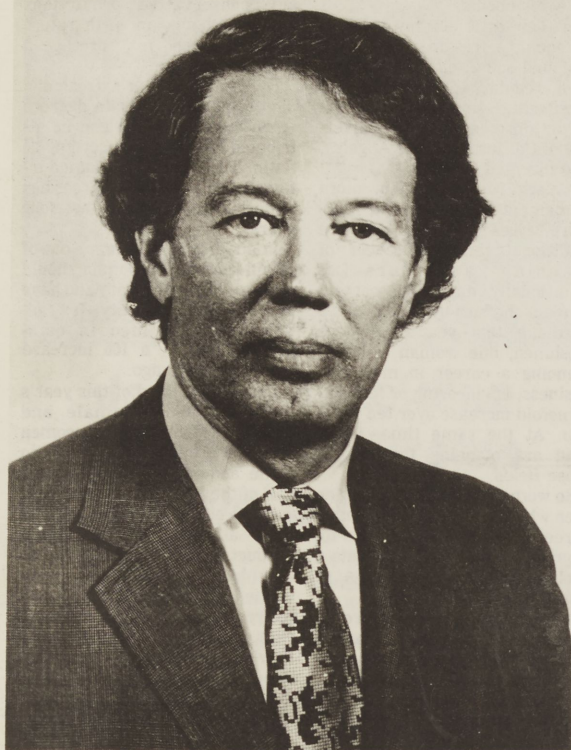
Many of his articles on water research, development, and policy have been published as official Federal agency or committee reports, or as part of professional journals.

Current plans are for Mr. Schad to speak in these classes: Introduction to Organic Chemistry, Organic Chemistry

III, Transportation Planning, Urban Economics, Center for Technology Assessment and Policy Studies, Managerial Economics, Principles of Economics, American History, and possibly political science.

During ninth and tenth hours Monday through Thursday, Mr. Schad will be available for informal discussions with any interested students or faculty. These discussions will be held in Room A-202 Monday through Wednesday, and on Thursday in the FMC conference room in the library basement.

If it can be arranged, Mr. Schad will be holding additional informal discussions in the Speed Hall lounge starting at 7:30 Monday evening. Any persons with questions concerning Mr. Schad's visit are asked to see Dr. William Pickett, Assistant Professor of History.



THEODORE SCHAD

ROSE RIFLES CAP SEASON

William Bayles

Marching their way into third place at the world's largest drill meet at the University of Illinois, and rising as champions of the Purdue Invitational, the Rose Rifles capped the most successful season in the team's 19-year history.

Under the direction of junior Mike Merrick, the team began putting together an all new routine in early November, practicing nightly after the fieldhouse's closing. This dedication by the veteran team was repaid with high scores from the many military judges at various drill meets.

Emphasizing complexity, the team boasts enough experience to carry out nearly any demands since two members have marched with the varsity since they were freshmen — seniors Dennis Liechty and John Schlott. Dave Lewis, John Nelson and Bill Bayles, also seniors, represent varying amounts of drill experience. They are backed by juniors Jeff Lincourt, Gerry Dail, Jeff Hearn, Albie Cross, and sophomore Paul Fox. Freshmen traveling with the squad are Ted Fultz and Mike Tucker.

Unique in their routine is the "Syncopated Manual," where the drillers perform a series of somewhat complex and difficult maneuvers with Springfield weapons dating from the first World War. These weapons change hands seven times through the performance in a variety of throws over the shoulder, behind the back, and between the ranks of the team.

Additionally, this routine, lasting around ten minutes, must be slightly modified to fit each meet's drill floor and particular alertness and bearing is called for in the commander to maneuver the team into position for inspection, its entrance and exit from the floor.

A perfect inspection — no points subtracted for uniform infractions, mistakes or lack of knowledge — marked the beginning of the Purdue Invitational performance. The team went on to perform nearly flawlessly and was rewarded with a first-place trophy, the second in its history.

After the February debut, the team traveled to Champaign, Ill., for one of the toughest competitions in exhibition drill. With every beat of the "Syncopated Manual" echoing perfect unison, the team was still edged by 11 of 1000 points to finish third.

Sponsored by the Student Government Association, Rose Rifles is open to all Rose-Hulman students and is looking for recruits to replace the seniors leaving the team this year. Captain Asa P. Smith, Assistant Professor of Military Science, and Sergeant First Class William Deniston serve as the team's advisor and coach, respectively.

The results of the year-long efforts to upgrade equipment, uniforms and skill will be seen at the R.O.T.C. Awards Ceremony during Parents' Day activities Saturday, April 23. The Rose Rifles will end their season by presenting their performance and formal Change of Command for the assembled guests.

Rose-Hulman Wins College Math Competition

Student teams from Rose-Hulman Institute of Technology have won first and second places in the Twelfth Annual Indiana Small College Mathematics Competition held this year on April 2, 1977, on the Rose-Hulman campus. The results were announced by Professor James. P. Williams of the Indiana University Department of Mathematics, who served as consultant to the contest.

Placing first was the team consisting of Bob Strickland, a junior from Indianapolis; Jan Slupesky, also a junior from Indianapolis, and Rich Priem, a sophomore from Cleveland, Ohio. The second-place winners were Pat Miller, a junior from Louisville, Ky.; Tony Mazzoni, a sophomore from Greenwood; and Bob Luoma, a freshman from Lansing, Mich. Also participating in the competition were John Williams, a junior from Fort Wayne; Barry Carlin, a junior from Cincinnati, Ohio; and Paul Benefiel, a sophomore from Terre Haute.

A total of 45 students from thirteen Indiana colleges participated in the competition for the Peter Edson trophy. In the 1976 event held at DePauw University, Wabash College came in first and Rose-Hulman was a close second. Rose also won the 1975 event, which has been established as an annual tradition in the state since 1965.

ODEC?

(CPS) — Is the American dope smoker next in line to be blackmailed by a group of foreign exporters?

Yes, according to High Times magazine, which recently warned that Third World marijuana producing countries may band together and form "ODEC" — or the Organization of Dope Exporting Countries much like oil rich countries have formed OPEC.

"We could find ourselves paying not only a dollar a gallon for gasoline, but a hundred dollars an ounce — for Mexican," says High Times.

High Times urged the federal government to act quickly by planting millions of acres of domestic weed so that another large group of American consumers is not cut off from its main source of energy.

ENGINEERING EDUCATION EXAMINED BY CTAPS

by John Lasswell

Recently the Rose-Hulman Center for Technology Assessment (CTAPS) sponsored a program for the assessment of Engineering education in the 1980s. The purpose of the program was to find out what is going to be required of engineering graduates in ten years.

Directed by Dr. Tom Roper, Director of CTAPS, the workshop was specifically aimed toward companies that are friendly toward the institute. These companies were invited to participate due to their obvious satisfaction with Rose graduates. The representatives indicated during the program, and more specifically through the use of the Nominal Group Process and the Delphi Poll, that there were

five major areas that the graduate engineer should become proficient in: Engineering fundamentals; more adept at working with public and governmental agencies; more awareness of budgets, costs and profits; added background in human relations and communications; and more ability in alternate materials and energy technology.

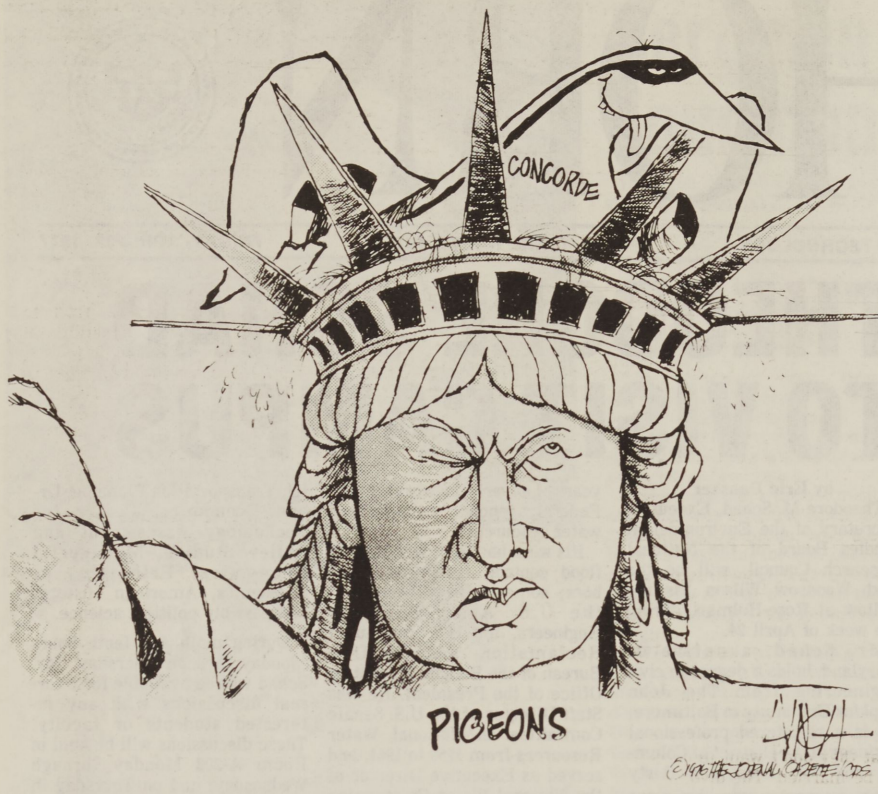
Assisting Dr. Roper during the three-day workshop were members of the CTAPS staff: Prof. Jim Eifert, Prof. Tom Mason, Prof. Thad Smith, as well as Prof. Cal Dyer, who assisted Roper with much of the planning of the event. In addition to these men, Ron Reeves and Bill Sisson helped with the arrangements for lodging for the participants.

COMING EVENTS

- Friday, April 22
Teahouse of the August Moon
8:00 P.M.
- Saturday, April 23
Parents Day
Rose Show
Teahouse of the August Moon
Greek Games
Woodrow Wilson
Scholar Ted Schad Arrives
- Sunday, April 24
Spring Honors Convo
- Monday, April 25
Rose Riots
- Tuesday, April 26
Baseball
Rose vs. Greenville
(2 Games)
1:00
- Wednesday, April 27
Livingston Taylor
Tilson Music Hall
- Friday, April 29
Baseball Rose vs. Illinois
- Saturday, April 30

REMINDER

1977 Oscar C. Schmidt Lecture Today at 11:00 a.m. Featuring Hugh H. McCaulay, Jr.



CAREER GOALS CHANGE, BUT SEX IS STILL THE SAME

(CPS) — Whatever its effects elsewhere, the women's movement emerged in 1976 as a strong influence on the college campus. Although this year's freshmen still approach sexual conduct along traditional male-female lines, old concepts of feminine and masculine careers are being eroded, according to a recent national survey of first-year college students.

In their attitudes toward sexual equality, freshmen "reflect a profound social change that has been regular, predictable and consistent," says Alexander W. Astin, a professor at the University of California at Los Angeles, who directed the survey.

As sex roles diminish, more women entering college are turning their backs on the traditional feminine career of teaching and pursuing traditionally masculine careers instead, the survey found.

Among this year's college freshmen, one woman in six is planning a career in medicine, business, engineering or law — a threefold increase over ten years ago. At the same time, fewer men are planning to work in those fields.

So women are closing in fast on men who choose traditional male careers. In terms of men-to-women ratios, that represents a decline from 8-to-1 in 1966 to less than 3-to-1 in 1975.

Although more women are ignoring teaching jobs and exploring other careers, men are not planning to take their place in high school and elementary school classrooms. The percentage of college freshmen planning to become teachers is currently less than one third of

what it was ten years ago — 6% in 1975 compared with 21% in 1966.

The decrease is a result of media play of a steadily declining enrollment in public schools and an oversupply of qualified teachers on the job market. Yet the new low in the number of students planning to become teachers is "way out of line with any conservative predictions about a change in birth rate," says Astin, and may presage a teacher shortage.

Half of this year's freshmen plan to pursue graduate degrees — an increase which can be attributed to women, according to Astin. The number of women interested in advanced degrees has almost doubled in the last four years.

In addition, more than 9 out of 10 students think women should receive the same salary and have the same opportunity for advancement as men in comparable jobs — a 105 increase over five years ago.

Less than a third of this year's freshmen — both male and female — think married women should confine their activities to home and family, while almost half of the 1970 freshmen felt that way. Yet the sexes still differ in their attitudes toward sexual conduct. Nearly two-thirds of the men but only one-third of the women agreed that "if two people really like each other, it's all right for them to have sex even if they've known each other for only a very short time."

SPACE CENTERS TO CUT COSTS WITH NEW SOLAR ENERGY APPLICATIONS

The U.S. space and energy agencies will spend \$1.75 million this year in a joint program to use solar energy to provide heat and hot water for buildings at six space centers from Virginia to California.

The program should demonstrate that the relatively high initial cost of solar energy systems can be offset by substantial savings for electricity, oil and gas. Among the economically attractive applications are systems to supply all or part of the hot water or heat for a large office building, a manufacturing facility, cafeterias and laboratories at space centers in five states.

NASA will invest \$500,000 and the Energy Research and Development Administration (ERDA) will spend \$1.25 million for up to 10 separate projects at NASA facilities.

The projects, scheduled to be completed by the end of the fiscal year in October 1977, could reduce utility bills by as much as a quarter of a million dollars annually.

The Sun's energy will supply hot water for cafeterias at Dryden Flight Research Center, Edwards, Calif.; and Kennedy Space Center, Fla.; hot water for photo labs at Ames Research Center, Mountain View, Calif.; and Langley Research Center, Hampton, Va.; and heating and dehumidification for rooms housing sensitive computer and electronic equipment in the Mission Control Center at Johnson Space Center, Houston, Tex.

Engineers at Marshall Space Flight Center, Huntsville, Ala., have designed five solar projects. These will use the Sun's energy to heat an office building, to heat liquid nitrogen to a gas for experiments and manufacturing at two Marshall facilities, to supply hot water for the cafeteria and restrooms in a 10-story office building, and to heat a warehouse used to store hydraulic equipment.

PARENTS DAY 1977

FRIDAY, APRIL 22

8:00 p.m. Drama Club Play (Auditorium)
"Teahouse of the August Moon"

SATURDAY, APRIL 23

- 9:45 a.m. Band Concert (Fieldhouse)
- 10:00 a.m. Registration and coffee (Fieldhouse)
- 10:30 a.m. Welcome by President Hulbert and Wayne Jenkins
- Glee Club Concert
- ROTC Honors
- Rose Rifle Performance (All in Fieldhouse)
- 11:00 a.m. - 3:00 p.m. Rose Show (Main Buildings)
- 12:00 noon - 1:30 p.m. Picnic Lunch (Practice Field)
- 1:30 p.m. Baseball Game (Nehf Field)
- 1:30 p.m. Model Car Judging (Rotz Lab)
- 2:00 p.m. Father-Son Volleyball Games (Fieldhouse)
- 4:30 - 5:00 p.m. RMIHS Program (Basement Library)
- 6:00 p.m. Dinner (Student Union)
- 8:00 p.m. Dance to the music of Rose Stage Band (Student Union)
- 8:00 p.m. Drama Club (Auditorium)
"Teahouse of the August Moon"

SUNDAY, APRIL 24
GREEK GAMES

CTAPS INSTITUTE

by John Lasswell

Dr. Tom Roper, Director of the Center for Technology Assessment (CTAPS) has announced that there are openings available to Rose students interested in participating in a summer institute on Technology Assessment. This program is being held at Rose from June 19 to July 29. At this time there is only one Rose student enrolled in the program and the CTAPS staff would like to see more Rose students participate. Students interested in this program should contact either Dr. Roper or Dr. Jim Eifert in the CTAPS office as soon as possible.

THORN SALUTES The Teams in the GREEK GAMES

The Teahouse of The August Moon

by John Rash

The Rose-Hulman Drama Club will present John Patrick's play *The Teahouse of the August Moon* tonight and tomorrow night, April 22 and 23, at 8:00 p.m. in the auditorium. Admission is one dollar, and tickets are available at the door or from club members.

The play is a riotous comedy set on the island of Okinawa at the end of World War II, when the U.S. Army established an Occupational Government on that island. It tells the story of one of the Army's least successful officers, Capt. Fisby (played by John K. Williams), as narrated by his Okinawan interpreter, Sakini (Dale Kuehl). Fisby is sent to the village of Tobiki to bring them Democracy, Plan B, and a five-sided schoolhouse; instead he winds up giving them geisha girls, a home-made liquor industry, and the Teahouse of the August Moon.

When one of its officers begins to wear a kimono and talk about getas and kasa (wooden sandals and straw hats to the non-Okinawans), the Army begins to wonder what's going on. First Capt. McLean (Ed Dreyling), a slightly unbalanced psychiatrist, drops by Tobiki to check up on the situation; he's followed by the ultraproper Colonel-in-Charge, Wainwright Purdy III (Richard Robbins), who almost ruins things for the village.

But the good guys win out in the end, as happens in all good comedies. Tobiki is saved by Congressional Committee; the village (brandy, teahouse and all) is praised as a fine example of American enterprise and business ingenuity. And everybody goes home happy.

Also featured in the play are Rex Joyner as Sgt. Gregovich and Marti Trout as the geisha girl Lotus Blossom. Appearing as the villagers are Rose students Steve Carrow, Jeff Koechling, Pat Miller, John Teskey, John Rasp, Robert Strickland, and Choi Wong. Filling out the village population are the following young ladies from the Terre Haute community: Pam Hiquet, Louann McCabe, Sue Sherman, Allison Shutt, Chris Miller, and Jill Shutt.

The crew, headed by production director Jack Hutson and set chief Tod Johnson, has done extensive work preparing the elaborate technical details the production calls for. Assisting to this end are Bruce Miller, Dennis Brennan, Scott Shultz, Dan Harvey, and Jeff Hildebrand. Jay Stewart is student assistant director for the play.

The play is directed by Jane C. Hazledine, who steps down as Drama Club director after this year.

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Jane C. Hazeldine Resigns as Drama Club Director

by John Rasp

Jane C. Hazeldine, longtime director of the Rose-Hulman Drama Club, will step down from that post after this weekend's production of *The Teahouse of the August Moon*.

Mrs. Hazeldine has been with the Drama Club for 11 years, during which time she has directed some twenty plays. She has also, at one time or another, been active in virtually every aspect of production at Rose, often contributing long hours to assist with such things as costumes, set construction and design, or makeup.

Jane, as she is known to Drama Club members, leaves the club with great regret in order to have more time for family obligations and personal interests — including writing the history of Community Theater, traveling, sewing, visiting her children, canoeing, backpacking, and a host of other activities that would soon exhaust a lesser mortal.

While she retains fond memories (and a bulging scrapbook) of all her productions at Rose, she says that two plays in particular stand out in her mind as especially memorable: *Darkness at Noon*, her first production here, and *Tea and Sympathy*, a 1968 show which placed as first runner-up in this region of the American College and University Dramatic Festival.

A native of Terre Haute and alumnus of ISU and IU, where she majored in art and theater, Jane has directed or produced over 100 shows, written several theatrical pieces, and acted in or otherwise been involved in countless more. She has been active in Terre Haute Community Theater throughout most of its history, serving as president of that organization when the present playhouse was acquired and remodeled, and is a founder and early director of Children's Theater of Terre Haute. Her non-theatrical activities include the League of Terre Haute and H.E.L.P. (Housewives' Effort for Local Progress, a non-partisan political activist group); she has been president of both organizations. She and her husband Kenneth have four children and ten grandchildren.

Drama Club President Robert Strickland told the THORN that the organization is in the process of finding a replacement for Jane, but added, "Although everyone spent a lot of time on our productions, Jane put in even more. In addition to being an excellent director, she procured costumes, designed sets, and did many other time-consuming services. I'm sure everyone in Drama Club will miss her, and it will be difficult to find an adequate replacement."

Marriage Dips; Divorce Jumps

(CPS) — Marriage is proving to be about as popular as unemployment these days, with the number of people deciding not to marry almost doubling in some age groups since 1970.

A Census Bureau report recently released on marriage and other living arrangements shows that as of last March, the number of persons between 25 and 34 who never married has risen by nearly 50% since 1970. While 2.8 million people in that age group had never married in 1970, the figure in March of 1975 was 4.2 million persons.

When people do marry, they marry later in life, according to the Census figures. The median age at which men marry for the first time is 23.5 years, while the median age for women's first marriage is 21.2 years. The corresponding figures for 1970 showed that people married slightly younger, with men marrying at 23.2 years and women at 20.8 years.

At the same time that fewer people are deciding to marry, more are beginning to realize that they don't want to continue to be married. The divorce rate is continuing in the rapid rise that began in 1968. The divorce rate, according to provisional figures compiled by the Department of Health, Education and Welfare, has increased two per cent over the 4.6 per thousand population mark in 1974.

What's behind an increase in divorces and drop in marriages? Census Bureau officials say they don't ask since they're a government agency and can't invade the privacy of people.

But Arthur Norton, chief of the Census Bureau's Marriage and Family Branch took a guess for the Washington Post, saying, "When you think about it, it seems that perhaps a new set of values is being tried out and maybe established by young adults."

He said that instead of leaving home to marry and raise a family, more young people seem to be establishing a non-family household after leaving home the first time, pursuing a career or education before deciding to raise a family.

Although it's assumed that the people will marry at a later date, Norton said, it may be that we will have a larger proportion staying single throughout their lives.

Communications Technology Satellite Begins Second Year Aloft

- United States and Canadian college students learning together although thousands of miles apart.

- Emergency communications from areas around the world where no other communications systems exist.

- Video teleconferencing to cut down on travel expenses.

These are just some of the experiments which are being conducted through the world's most powerful communications satellite, the Communications Technology Satellite (CTS).

A joint program between the United States and Canadian governments, CTS was launched by NASA one year ago this month from Cape Canaveral, Fla.

It is the first satellite to operate in a new frequency band at power levels 10 to 20 times higher than those of other satellites. This higher broadcast power makes it possible to use much smaller and far less expensive ground receiving equipment.

NASA's Lewis Research Center, Cleveland, Ohio, developed the high-powered transmitting tube which gives the satellite its high broadcast capability and provides management for all of the U.S. experiments conducted via CTS.

Spacecraft time is shared equally by the U.S. and Canada and a wide variety of communications experiments are underway in both countries.

U.S. experiments are grouped into three categories: public service, industrial-commercial applications and technology. The public service experiments include: telemedicine, tele-education, emergency communications and maintaining library and public broadcast networks. Locations of experimenters range from the Atlantic to the Pacific.

The long-term experiments include: a curriculum sharing program where engineering classes and seminars at Stanford University in California are televised to Carleton University, Ottawa, Canada, and vice versa; a health communications experiment in which the Veterans Administration is able to broadcast to 30 VA hospitals in western U.S.; and a satellite library information network which supplies informational needs to

the Rocky Mountain region. Twelve of the 21 long-term experiments became operational in 1976; others will have their first use in 1977.

In addition to 21 long-term experiments, 15 mini-experiments were conducted in 1976 to demonstrate the versatility of this new communication tool.

Included in the mini-experiments were: first live color teleconference to reach an audience in Barrow, Alaska, from Ohio; a simulated disaster at the George Washington National Forest in Virginia, demonstrating the operational feasibility of providing communications from a remote site during emergency operations; and participation in NBC's Glorious Fourth celebration from Yellowstone Park, Wyo.

The Lewis Center has built a Transportable Earth Terminal (TET) which includes an antenna mounted on a small trailer. This system has been used for live broadcasts originating from Lewis to a number of locations via CTS. These locations include the Museum of Science and Industry in Chicago; Kalamazoo, Mich.; and Rockford and Peconica, Ill.

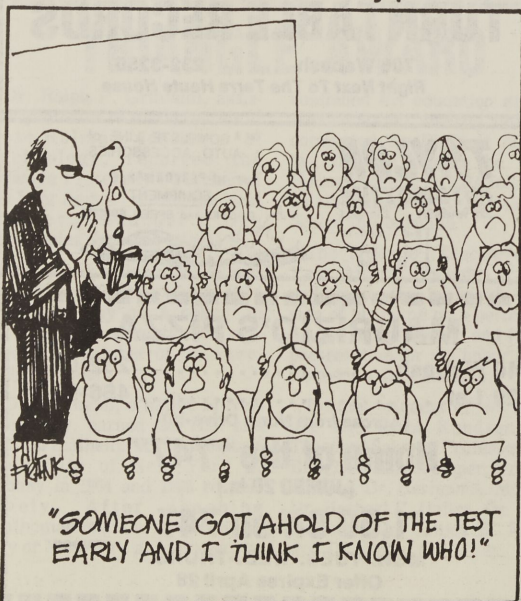
A prototype small Earth terminal station has been set up at Lewis to demonstrate operation of CTS with a low-cost permanent installation. This facility was used in a recent Alaska North Shore ice imaging experiment.

A television conference room at Lewis is being used for conferences between NASA's Goddard Space Flight Center, Greenbelt, Md.; Ames Research Center, Mountain View, Calif.; the Canadian Research Centre in Ottawa; and other CTS experimenters. A recent CTS users meeting was conducted as a teleconference with some of the participants located in Cleveland and others in a conference room at Baltimore.

A Portable Earth Terminal (PET) was just recently assembled at Lewis. This is a bus-like vehicle equipped with a TV studio and an eight-foot dish antenna.

The CTS has now completed one year of operation — one half of its design life — and is proving an invaluable tool.

FRANKLY SPEAKING... by phil frank



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ENGINEERS CLOSE WINNER IN RELAYS

The Rose-Hulman mile relay team of Tom Wilttrout, Mike Privette, Dave Tappendorf, and Eric Clouse recorded a meet record 3:26 clocking in the event, the final of the meet, and lifted the Engineers to a victory in the Rose Relays ran at Phil Brown Field recently.

The Engineers trailed rival Wabash by a single point going into the final race, of which Tappendorf ran an exceptional leg to aid in the victory. Coach Bob Thompson, at the reins of the Engineers for the first time since former Coach Bob Bergman resigned to handle head football and track duties at Depauw last week, said of the win, "I'm very proud of these kids. In a lot of other situations a team might have decided to go on vacation, but not these guys."

Wilttrout, who ran the first leg of the winning relay squad, was awarded the Rose Relays' Outstanding Performer award, as the South Bend sophomore amassed a total of 16 points in his events. Engineers Tony Allen and Privette scored 14 points in the meet to place behind Wilttrout.

In the meet, of which all of the running events are relays and the field events are determined by the totals of three contestants' scores from the same school, 11 of the 15 event records were broken. The final team standings for the meet read Rose 38, Wabash with 37, Franklin 21, and Centre 16.

The Engineers took top honors in the pole vault with both Allen and Matt Hodson vaulting 13-6 for first place. The high jump competition was won by Wabash, led by Bruce Henderson's leap of 6-8. Rose's Steve Stroeder placed in a three way tie for second place with a 6-5 jump. The Engineers pole vaulting squad broke the old meet record with their efforts.

In the long jump, won by Franklin with a record 62-6½ total, the Grizzly Cubs' Roy Crawford took top place with a 22-6½ jump and edged out Rose's Allen who went 21-3½. Wabash failed to break the meet record in the javelin, but won the event with a total of 473-10¼. Kirk Augspurger won the event with a heave of 164-8½. The shot put was also won by the Little Giants, but again an Engineer, Rick Matovich, placed first with a 48-1½ throw.

Allen easily won the triple jump with 48-3, and the Rose squad set a new record with 129-

1. Wabash also took the discus and firsts in both the sprint and distance medleys.

In other events, Franklin set a record breaking 42.9 clocking in the 440-yard relay, finishing only one tenth of a second behind the Engineers. Centre took first in the 2-mile relay, also setting a record with 8:09. The Engineer team of Allen, Stroeder, Gary Davis, and J.R. Flesch, set a new record in winning the 360-yard high hurdles in 47.0.

Centre easily won the four mile relay, but failed to break a record, the only running event in which a new record was not established. Rose followed the Colonels with a win in the 640-yard intermediate hurdles. Franklin won the 880-yard relay.

The Engineers, 6-0 on the year, excluding the Rose Relays win, will host Evansville at Phil Brown Field this Thursday and will participate in the College Athletic Conference meet May 13-14 at Principia College in Alton, Ill.

PV — Rose-Hulman, Wabash, Centre. Winning Vault — Allen (R-H), Hodson (R-H), 13-6.

HJ — Wabash, Franklin, Rose-Hulman, Centre. Winning jump — Henderson (W), 6-8.

LJ — Franklin, Rose-Hulman, Centre, Wabash. Winning jump — Crawford (F), 22-6½.

J — Wabash, Rose-Hulman, Centre. Winning throw — Augspurger (R-H), 164-8½.

SP — Wabash, Rose-Hulman, Franklin, Centre. Winning throw — Matovich (R-H), 48-1½.

TJ — Rose-Hulman, Wabash, Centre, Franklin. Winning jump — Allen (R-H), 48-3.

D — Wabash, Franklin, Rose-Hulman, Centre, Linder. Winning throw — Linder (F), 156-8.

440-Relay — Franklin, Rose-Hulman, Centre, Wabash. Winning time — 42.9.

2-Mile Relay — Centre, Wabash, Rose-Hulman. Winning time — 8:09.

360-High Hurdles — Rose, Wabash, Franklin, Centre. Winning time — 47.0.

Spring medley — Wabash, Rose-Hulman, Centre, Franklin. Winning time — 3:37.4.

4-Mile Relay — Centre, Wabash, Rose-Hulman, Franklin. Winning time — 18:55.5.

640-Yard IM Hurdles — Rose-Hulman, Franklin, Wabash, Centre. Winning time — 1:14.1.

880-Relay — Franklin, Rose-Hulman, Centre, Wabash. Winning time — 1:30.

PLATTER CHATTER

by Tod Stansfield
Jeff Beck with
the Jan Hammer Group

If you remember my last column you will recall that I made a number of predictions; if you doubted my credibility, then doubt no more because one of them has come true. I have returned with another review, this time on the new live recording, *Jeff Beck with the Jan Hammer Group*. This type of music is interesting to me, but I do not have a good working knowledge of it; so I asked fellow Rose knurd, Martin Neuliep, to listen to it and give me his impressions. Martin is more familiar with this type of music, so his impressions are more valid than mine. Here is what he came up with:

"Five years ago, if someone had told me that Jeff Beck and Jan Hammer were going to perform together in a group, I would have thought they were crazy. Hammer was playing keyboards for the late Mahavishnu Orchestra and Beck was cranking out the simplest of hard rock. Miracles can and do happen, though. Witness: Jan Hammer isn't afraid to boogie anymore and Beck's name gets mentioned in more conversations about jazz than rock.

"After hearing the recent work of both Beck and Hammer (*Wired* and *Oh Yeah?* respectively), I was really looking forward to hearing this album. *Wired* was superb, but even though Hammer appeared on that album, it was clear that Beck was in charge; on *Oh Yeah?* what really was missing was a good lead guitar. Surely this collaboration would combine both artists' talents and eliminate the weaknesses that showed up in their solo efforts. Well, I'm afraid I have some bad news.

"It's hard to see how these two guys could have put out such a dull album. Hammer is himself a recording engineer, yet the engineering and production of this album is unimaginative at best and downright muddy at worst. Beck's guitar solos, though technically fine, just don't go anywhere. Hammer does a little better but, strange as it may seem, plays with a lot more fire

Distance medley — Wabash, Rose-Hulman, Centre, Franklin. Winning time — 10:52.8.

Mile relay — Rose-Hulman, Wabash, Franklin, Centre. Winning time — 3:26.0.

on his studio albums. The cuts themselves are mostly from two of Hammer's albums (*Like Children* with Jerry Goodman, and *The First Seven Days*) and Beck's *Wired*. All in all, you would be a lot better off buying one of these if you're interested in what jazz-rock, Jan Hammer, and Jeff Beck are doing these days."

Before I wrap it up for another week, I would like to say in response to some letters I got that I could conceivably review several albums in one week, but in order to do a thorough job an album requires several repeat performances. To review more than one album would require so much time that the guardians of the gray-and-green would really be on top of me.

But What Does it Mean?

(CPS) — If you are in college taking a writing course, or even if you have younger brothers or sisters in high school English courses — composition as opposed to literature — you and they will find that the longer, more pompous, high fallutin and unorganized sentences you write on yours or their essays,



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sentences like this one, for example, you will receive better grades from your teachers, many of whom can't recognize good writing, a Chicago researcher has found.

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