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Fall grades drop below last year's

by Dwight Dively

Fall Quarter grades turned out slightly lower than expected, according to the final grade summary compiled by the Office of the Dean of Students.

The all-men's average for the quarter was 2.814, down from last fall's 2.863 and last spring's 2.967. The all-men's cumulative average rose, however, from 2.913 a year ago to 2.935 currently.

Three of the four classes failed to equal the marks set by their predecessors the year before. The freshmen finished at 2.659, down from 2.757 by the Class of '81; the sophomores averaged to

2.733, as opposed to last year's sophomores' mark of 2.803; and the seniors managed a 3.039, under the 3.075 registered last fall.

Only the juniors, who compiled a 2.924 GPA, exceeded the previous year's mark. Last year, the Class of '79 scored 2.905 in the Fall Term.

With this last quarter averaged in, the sophomores' cumulative GPA is 2.924, the juniors' is 2.982, and the seniors stand at 2.947.

Dr. Jess Lucas, the Dean of Students, expressed some disappointment in the lower GPA of this year's freshmen.

Before the computer tabulation was released, he had hoped that this quarter's average would be about the same as last year's; around 2.75. Instead, it was almost a tenth of a point lower.

Lambda Chi Alpha won the battle among the fraternities for top GPA this past quarter. The men of Lambda Chi compiled a 2.967 average, with Phi Gamma Delta second at 2.898.

Other fraternity quarter averages were 2.825 for Alpha Tau Omega, 2.799 for Triangle, 2.635 for Theta Xi, and 2.615 for Sigma Nu.

Lambda Chi was also the only fraternity to have a higher GPA

this quarter than a year ago. This year's 2.967 mark compares with a 2.883 last year. All the other fraternities had lower GPA's than last fall, some by substantial margins.

Triangle still has the highest cumulative GPA at 3.113. Lambda Chi is second at 3.051, then Alpha Tau Omega (2.943), Phi Gamma Delta (2.906), Sigma Nu (2.727), and Theta Xi (2.664).

Independent students, including freshmen, had a 2.805 quarter GPA, down from 2.854 last year. The cumulative average to date for this group is now 2.934.

Modulus and Quarterly said to be out shortly

by John Sparks

Although both are behind schedule, the Modulus and the Quarterly are progressing on publication dates, with the possibility that each will have an issue completed before Christmas break.

The Modulus, of course, is much farther behind schedule than the Quarterly. Apathy on the part of the student body has caused Rose's yearbook to fall almost three years behind in publication.

However, a larger staff this year has managed to return it to schedule. And although the 1977 yearbooks did not appear as previously promised by the staff, it is done as far as the staff is concerned.

The problem now lies in the fact that parts of the book have been printed as far back as two years ago. Therefore, the publisher is finding it hard to piece together.

The possibility exists, though, that the 1977 book will be finished before Christmas break. However, the book probably won't be distributed until after Christmas.

The 1978 yearbook is also completed and will be distributed as soon as the publisher finishes printing it. It

will probably be out by the end of this quarter.

And with the larger staff, the 1979 yearbook will be out on time, also. Scheduled publication is the fall of 1979, due to spring activities such as graduation which are traditionally included.

The 1979 Modulus is shaping up as a much improved book. Three companies are bidding for the right to publish the yearbook, creating an option for the staffers to decide the best company. And the portraits of students taken earlier this year will also add quality.

The Quarterly is meeting the same opposition as the Modulus-student apathy. Light amounts of material submitted has caused editors and staffers to produce extra material.

However, the staff hopes to be done by Christmas break, although it is doubtful the typing will be complete. In any case, the Quarterly will appear sometime soon.

Students can still submit anything to the Quarterly for publication this issue. The literary magazine needs lots of student support.

Included in this is subscribers. The cost of a year's subscription (three issues) has been cut to only one dollar.

Rifle Team active

by Norm Frey

Rose-Hulman's Rifle Team still has a perfect season record after claiming victory over twenty-three teams to date. Last week's shoulder match against the Northwestern Navy R.O.T.C. and Wheaton teams was cancelled due to the icy weather.

Response to the First Annual Rose-Hulman Engineers Postal Match has been very good. So far, more than 45 teams have mailed in their entry forms. Brian Raver, executive club member in charge of organizing the match, expects the remaining entries to be in by sometime next week. Over twelve hundred total stamped and numbered targets will be sent out to the various schools, shot under match conditions, and mailed back to Rose-Hulman for tallying. If it sounds like an avalanche of paper, you're right. But profits on the entry fees will help to sponsor the spring tour, enabling Rose-Hulman to compete in the prestigious Kemper Camp Perry Matches and against the United States Air Force Academy, both events

representing some of the most proficient marksmen in the nation.

The Rose-Hulman Rifle Club is again sponsoring a rifle club championship for the faculty and students. First prize consists of a gold medal, a ten-dollar bill, and a traveling trophy. Medals are also given out for runner-up and third place. A special prize of twenty-five dollars is offered to anyone who shoots a perfect target of one hundred out of one hundred points.

There is no entry fee for the faculty or club members, otherwise it is four dollars. Targets, rifles, and ammunition are all supplied. Varsity and R.O.T.C. Team members are not allowed to compete in this match. Competition will entail an untimed standard quarter course — one prone, one kneeling, and one standing target. In order to avoid having participants run out of time, targets may be shot over a period of several days to let people work around their class schedules.

Math students selected

by Carl Gauss

Pi Mu Epsilon, the national mathematics honorary, initiated 24 new members last Thursday in ceremonies at Adami's Restaurant.

Rose-Hulman's Indiana Gamma Chapter selected Dr. Herman Moench as an honorary member, along with Dr. Richard Gibbs and Dr. Charles Rennolet as faculty members.

Seniors selected for membership were Steve Darbin, Walt Fox, Charles Schnurpel, and Rich Wolfe.

Thirteen juniors were chosen,

including Steve Anderson, Steve Eckert, Bill Fanning, Bruce Glaser, Dan Hatten, Richard Hill, Dave Hinman, Don Jones, Bob Kaminsky, Jeff Koechling, Bill Krehely, Brian Raver, and Dave Steele.

Michael Call, Tom Douglas, Tim Drabik, and Michael Hurt were selected as sophomore members.

Pi Mu Epsilon recognizes outstanding performance in math and math-related fields, and also sponsors several guest lectures and an exhibit on Parent's Day.

the *Thorn*

Vol. 14, No. 11

Rose Hulman Institute of Technology

December 20, 1978

Krannert gives to Plan

The Krannert Charitable Trust of Indianapolis has made a grant of \$1 million to Rose-Hulman, according to an announcement by President Samuel F. Hulbert.

The grant will be used to begin implementation of a long-term program to increase support for student financial aid, upgrade laboratory equipment, and provide additional campus facilities.

The Krannert Trust was established in 1910 by Herman C. and Eleanor D. Krannert. Mr. Krannert made his fortune in the Inland Container Corporation, and set up the trust to provide grants for education, scientific and medical research, health care, performing and visual arts, and youth programs and facilities.

Most of the Trust's work is done in Indiana, with primary concentration in Indianapolis. Previous educational grants have included the Krannert School of Business Management

at Purdue and the Krannert Auditorium at the University of Illinois.

"We (the trustees of the Krannert Trust) were very impressed with the information and statistics on the Rose-Hulman student body and faculty and the current and proposed objectives of your school," a Krannert spokesman said. "Our trustees concurred that you have a very sound program under way, one that is well worthy of our support."

In accepting the gift, Dr. Hulbert said, "This very generous gift from the Krannert Trust will provide the catalyst for converting our new master plan, 'A Blueprint for Excellence' into a reality."

Rose-Hulman's Board of Managers adopted a long range Master Plan at its meeting in May. The plan calls for seeking increased student financial aid, upgrading vitally essential laboratory equipment and providing four new structures, including a new academic

building, performing arts center, chapel and a dormitory. An addition will be made to the existing Hulman Memorial Union and an indoor swimming pool will be added to the fieldhouse-recreation center complex.

Also new roads, a new heating plant and other utilities improvements are called for in the master plan.

The Master Plan was developed by the Chicago architectural firm of Vickry/Ovresat/Awsomb Associates, Inc., and followed recommendations set forth by Rose-Hulman's earlier self-study commission comprised of students, faculty, alumni and members of the school's Board of Managers.

Entitled "To the Beat of a Different Drummer", the self-study vividly points out that Rose-Hulman knows its mission, is fulfilling it very well and has a good idea of the direction it should take in the future.



Dr. Michael Atkins



Mr. Samuel DuPree

New computer science profs

by Asher Dancer

Rose-Hulman has welcomed several new professors this quarter, many of whom are filling vacancies left from this past summer.

Two of the new instructors will join the computer science faculty. They are Dr. Michael Atkins and Mr. Samuel DuPree. Dr. Atkins will teach several computer courses, while DuPree will work in both the computer science and physics fields.

Dr. Atkins left a position at Rochester Institute of Technology in Rochester, New York to come to Rose. Rose is not unfamiliar to him, however, as he received his master's degree in mathematics here. He also studied computer science during

his stay.

The Atkins family has not yet arrived, but they hope to be here by February. Dr. Atkins devotes much of his spare time to his stamp collection.

Samuel DuPree arrived at Rose from Penn State University in State College, Pennsylvania. He was a graduate student in astronomy and computer science while at Penn State, and also taught several courses. In addition, he served as a program consultant for three years.

Mr. DuPree is still working on his Ph.D. in astronomy, having received his bachelor's degree in 1974 and his master's last March. He also was a member of the computer center staff at Penn State.

Both of the new professors will teach the introductory computer science course, CS 100. Dr. Atkins will also teach CS 402, a senior level course in Advanced Computer Systems.

Mr. DuPree's experience in astronomy will allow him to teach Many-Particle Physics, in which he hopes to show computer solutions to commonly encountered problems. He also will be involved in establishing computer graphics at Rose.

The addition of these two professors will take much of the heavy load off of the shoulders of Drs. Criss and Moench, who have had to teach virtually all computer science courses themselves.



JoAnne Reynolds

Students in math contest

by Jim Weber

Fifteen Rose students took part in the annual William L. Putnam Math Contest Saturday, Dec. 2. The contest consists of a six hour long test over various areas of higher mathematics and is designed to test the undergraduate's skills in originality and technical competence.

Over two hundred colleges compete in the contest annually, each represented by a three-man team. This year, Rose-Hulman's team consisted of Rich Priem, Tim Drabik and Bruce Glaser. Their scores will be combined and placed among those of the other schools. In the past two years, the Rose team has finished 35th and 37th. This year's results will be made public in March.

The William L. Putnam competition began in 1938 and is designed to stimulate a healthful rivalry in mathematics among colleges and universities of the United States and Canada. It is open to undergraduates only and, though a team consists of three members, there is no collaboration on the test.

Besides the 3 man team, 12 others returned from their Thanksgiving break early to take the test for, if for no other reason, the sheer love of mathematics. They were Walter Fox, Paul Hahn, Rich Hill, Doug Engelhardt, Paul Benefiel, Mike Call, Jamie Oxley, Fred McGurk, Jon Edmonson, Rex Joyner, Dave Womble, and Tony Mazzoni.

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Bean Billheimer
David Blair
Albert J. Carbon III
Jim Chaney
Christopher J. Collison
Mike Donoghue
John G. Gregor
Randy Hancock
Mark A. LaFrance
Tony Lenox
Mike Mazur
Don McCracken
Bruce D. Oberlies
Donald C. Oberlies
Rex E. Phillips
Steve Pudlo
Gary K. Quick
Troy Snider
Michael J. Svenstrup
Steven Thompson
Roger Wacker
Paul J. Wagner
Lee J. Warner
John S. Whitaker
Dan Wolodkiewicz

Theta Xi

Joseph Broz
Michael O. Foster

Phi Gamma Delta

Steven Daniel
Vernon Edwards
Bruce R. Fleck
Frank Gavrilos
Damon R. Ground
William B. Johnson
Brad Larrick
David M. Letteri
Howard K. Menser
Brian Michel
David L. Oakley
Donald E. Patton, Jr.
Royce A. Ramsay
Michael J. Schipper
Barry Stephens

Sigma Nu

Jud Alexander
Scott Beasley
Curt Bilby
Ben F. Brian
Mark S. Collins
Barry Fiscus
Pat Freeland
Brad A. Harris
Thomas A. Heckel, Jr.
Thomas K. Nash
Doug Plumer
Matthew V. Schroeder
Robert Stanley
Dan Swanson

Keith Yerkes

Lambda Chi Alpha

Lynn Carnes
Kevin Chaffee
Thomas J. Chorba
Stuart Curtis
James DeAmico
James DeBruyne
Michael Dunkel
Tom Furlette
Charles Geswein
Barry N. Haskins
Keith O. Hightower
Scott Jacobson
Brian Kelley
Mike Kempkes
Tom Kouris
Stuart Marcadis
David H. Pelham
Stephen Sternberg
Jeff P. Thompson
Mitch Weckop
Phillip Welton
Jeffrey Willer
Lee Wilmes
Thomas J. Wojcik

Triangle

T. Grant Bolling
Mark Givens
Billy K. Funk
William Jones

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Engineers surprise Tigers with second half onslaught

by Bob Pease

A packed house was treated to a thrilling game between old rivals in Shook Fieldhouse last Wednesday. The game combined a little of everything, and a lot of spirit, with the Engineers coming out on top of a dazed DePauw team 91-66.

In the first half, there was more action on the court and in the stands than in many small college home seasons. When the Engineers took the court at the start of the game they were greeted by a line of over one-hundred fans and a packed house of cheering spectators. The noise never let up.

In the first half alone, the lead changed hands an unbelievable 16 times. Neither team ever led by more than five points.

DePauw opened the scoring with a driving lay-up with almost a minute gone. Then with about 90 seconds gone the DePauw coach demanded a new ball. Six seconds later Ron Dale evened the score at 2-2. After another DePauw bucket, Dave Strange gave Rose the lead with a three point play.

After DePauw built a 12-7 lead, Jim Baske scored successive

baskets, one on a steal, to cut the lead to one. Then Ron Dale gave the lead back to the Engineers with a basket.

The remainder of the half was more of the same. Highlights included a Ron Dale tip-in with about nine minutes remaining to give Rose a 21-20 lead. Then with 5:40 remaining, Ed Sudlow stuffed one home to give Rose a 38-36 lead.

In the first half, DePauw used excellent offensive rebounding to keep the game close. The Engineers countered with fast breaks and some clutch shots.

The second half could not have been more different from the first. In the first seven minutes, Rose outscored DePauw 14 to 0. In the next seven minutes Rose outscored DePauw 22 to 5. At that point the Engineers led 74 to 41, and from there they coasted to a 91-66 win.

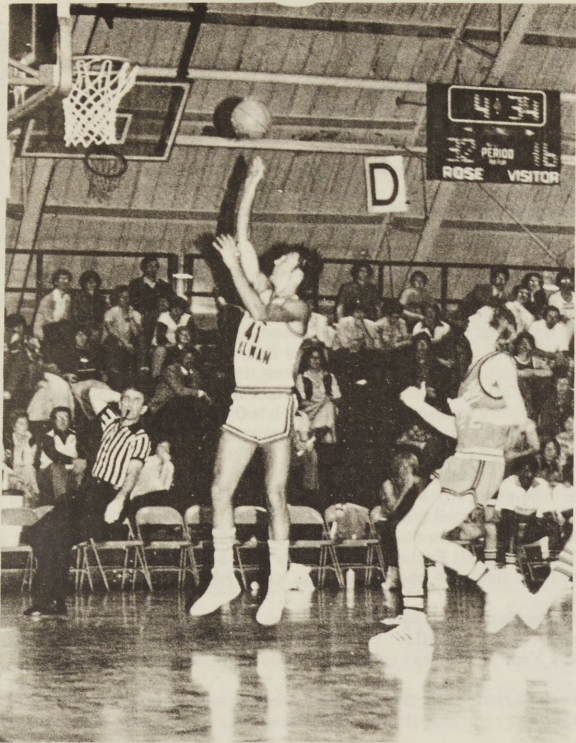
Ed Sudlow scored the first six points of the half, two on a Mark Givan steal and two from the foul line. Ron Dale added a bucket. Then Jim Baske began working magic. Baske scored the next six points on three driving lay-ups, two of them from steals. The score was 52 to

36. After a Tiger bucket, Ron Dale connected on a three point play and Mark Givan added a driving bucket to make the lead nineteen. After a DePauw free throw and an exchange of baskets, Rose ripped off fifteen more points. In the streak Sudlow scored seven points, Baske scored six, and Boerger scored two.

By this time Rose was pulling out its starters to the fans' delight. Although the second and third string players played sloppily at times against the DePauw starters, they continued to play with the same intensity. By this time the lead was 33 points and the substitutes held on to win by 25.

For the game the Engineers were led in scoring by Ron Dale with 23 points, Jim Baske with 19, and Ed Sudlow with 17.

The halftime activities were also very entertaining. ISU brought several members of their nationally ranked gymnastics team to perform for the crowd. The men displayed several routines of strength, skill and agility, used in floor exercises. The next home game will be in the Tourney tonight.



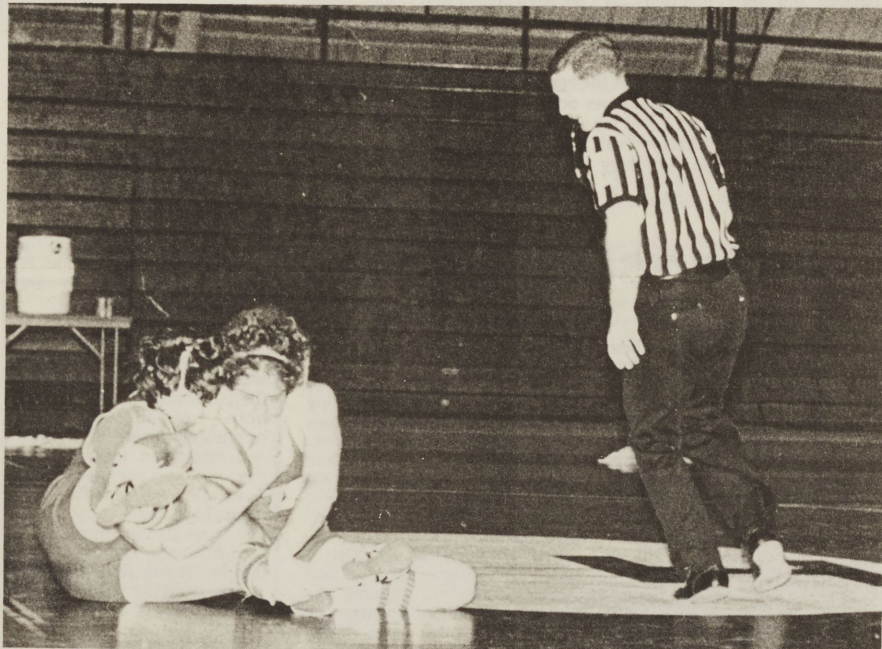
Ron Dale found the going easy on the way to an 89-62 victory over Greenville. The referee, however, did not seem to agree. Despite the call Rose managed to get revenge against the school that snapped the Engineer's 28 regular season game win skein. The win boosted Rose-Hulman to the .500 mark as the team prepared to get revenge against DePauw as well. (Photo by Womble).

EDITORIAL

It is with great pride that this sports editor eats his own words. The fan support in the DePauw game was more intense than in any regular season game ever seen at Rose. The turnout necessitated extra bleachers and the cheering was often deafening.

Rose-Hulman has a great deal for which to be proud. The student body showed great enthusiasm and respect, and the basketball team displayed some amazing skill and determination. DePauw will not soon forget this trip to Shook Fieldhouse, or how a thriller was turned into a rout.

Congratulations to Alpha Tau Omega fraternity for winning the spirit contest, to the student body for their fine showing, to the team for winning the game, and to the DePauw coach for selecting the game ball.



Shown above are an Evansville wrestler and his Rose opponent during last Tuesday's meet. The Rose team in only its second varsity season lost the meet by a score of 33-9, but the Rose team did have three match winners. The photograph was taken from the fans' side of the mat which gives a false impression of no fan support. (Photo by Womble).

Wrestlers lose two matches with Evansville and Hanover

The Rose-Hulman Wrestling team dropped its last two matches, losing to both Evansville (33-9) and Hanover (29-12). In each meet Rose wrestlers were able to win only three matches.

Dana Craig, a freshman in the 158 pound weight class, scored a 6-1 victory in the Evansville meet. Other Rose winners in this meet were John Fruth, who won 7-4 in 134 pound division, and Frank Gavrilos, who won 4-3 in the 167 pound class. Both Fruth and Gavrilos had a tough time in getting the win.

Fruth was in a 4-4 tie going into the last minute, but scored a three point near fall to win the match. Gavrilos had a one point lead going into the last round and kept the lead even though he was forced to spend nearly the entire round on the bottom.

In the Hanover meet, Rose winners were Bob Heathcock, Craig, and Gavrilos. Gavrilos and Craig again won in close matches, while Heathcock was able to score six team points by pinning his opponent.

These matches were not a true indication of the wrestling team's ability, since Evansville is Division I and Hanover received 17 excellent freshmen prospects. Later in the year when Rose will again face Hanover, Coach Dan McGrath anticipates a closer contest.

Freshman Dana Craig extended his record to 5-1 on the season with his two victories against Evansville and Hanover. Earlier this season Craig finished second in his weight category at the Little State Tournament.

Another standout wrestler is

Steve Kersch. Last year Kersch had a 14-4 personal match record and participated in a national wrestling tournament. Kersch began practice only last week because of economic reasons, and is not yet ready for competition. By the middle of January he will again be ready for competition, and should be a definite asset to the team.

Depth could be a problem as fourteen wrestlers have left the squad, leaving twenty men still on the team. The main reason for this is that the third and fourth wrestlers in each weight class do not get to compete in varsity matches. It is rare for even the second wrestler in the weight class to be allowed to compete in a varsity match. Thus if a wrestler is not able to beat out the man ahead of him he will not compete in varsity matches.

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Letter to the Editor

Tonight I was playing basketball in the new gym when we were forced to switch from a full court to a half court game due to an overwhelming number of people (more than I've seen in the off-season during three years at Rose) arriving.

As I was leaving, I noticed the reason for this overflow: Clay City Junior High had control of the entire fieldhouse basketball court, apparently with permission from Rose.

What happened to the signs saying "For students, faculty, and staff only"? I sincerely hope Rose has not altered its stance on Rose facilities being only for Rose students, especially in the wake of yearly tuition or room and board hikes. The group of basketball courts is one of the most used facilities at Rose, and I urge whatever commission is responsible to keep the courts open and not allow the practice of lending or renting them out, unless, of course, they are considering a rebate of my fees.

Peter Haines

Athletic Director replies

Thank you very much for your note in which you expressed your concern over the use of our fieldhouse November 7 by the Clay City High School basketball team.

This is legitimate criticism, and I can well understand your concern. However, there are some mitigating circumstances which I feel justify their use. I fully realize our greatest obligation is to the Rose-Hulman community. This has never been questioned, as we make every attempt to keep outside individuals from using our facilities. This is a constant problem; it is the responsibility of the work-study student in charge of the fieldhouse at that time to keep these people out.

We have many requests to use our athletic facilities, 98% of which are automatically turned down because we want them reserved for our students. Occasionally, I feel that we must cooperate with a local group in the interest of civic responsibility, especially when I feel there will be limited interference with our program.

In this particular instance, Clay City High School could not use its gym that night because it was being used for the election. Since weather was still pretty good and our facilities had not been that crowded, and since I had told Clay City High School that if they would come in immediately following our varsity practice (half of which was pretty well taken up during the closing part of your dinner hour) I felt I could justify it.

As I previously stated, most of the requests to use our facilities are turned down. However, there is an occasional request, particularly local schools, with which I feel we should cooperate. I cannot assure you that something of this type will not happen again, but I can assure you that it will happen very rarely.

John Mutchner,
Athletic Director

A Christmas list

by Joshua Josephson

Christmas is the season when Americans reflect upon what they truly and most sincerely believe in — money. It is a time of giving and receiving gifts. As an aid for Christmas shopping, "The Thorn" presents this helpful guide of gift suggestions.

FOR DR. HULBERT: Eleven million dollars to pay for the Master Plan, including the construction of Hulbert Hall. A matching suit — one that doesn't clash.

FOR DEAN BRULEY: Faculty members who are willing to work for \$5000 a year or less.

FOR THE STUDENT BODY, especially those living far away: A Christmas vacation that begins before Dec. 22. They would probably appreciate being able to spend Christmas eve at home rather than travelling to get there.

FOR THE DRAMA CLUB: A

real auditorium. A two-month reprieve from the fire marshal's inspections.

FOR "THE THORN": Lots of juicy news, to provide good copy for the rest of the year. Dozens of Decent Chicks of the Week, any of whom would be more than welcome on the staff. A real columnist, so we don't have to use this stupid "Page Five" column.

FOR DUNCAN MURDOCH: A new tape recording of his "best ever" speech, to replace the existing one which is badly worn from repeated use.

FOR THE MODULUS STAFF: The 1976 yearbook. The 1977 yearbook. The 1978 yearbook. (Dare we even hope?)

FOR THOSE STUDENTS who will still be stuck here on Friday, because Prof. Scrooge has scheduled a test then: a good grade, which, this close to Christmas, should perhaps be considered to be a gift.

EDITORIAL

Once again it is the Christmas season, and students' interest in class naturally begins to decline in anticipation of the holiday to come. This problem is inevitable, but it would seem that the current schedule tends to compound the difficulties.

Having a split term, two or three weeks before Christmas and the rest afterwards, seems unavoidable as long as Rose is on the quarter system. However, the way this quarter is split could probably do with some improvement.

This year, classes will be in session on Dec. 22. Last year, the situation was even worse, with classes on Dec. 23, just two days before Christmas.

Besides the natural lack of interest, this creates serious transportation problems. Local students don't have much difficulty, but those who must go by train, bus, or plane to get home for Christmas are very pressed for time: last year, many had to travel on Christmas Eve or even Christmas Day.

If a student has late afternoon classes (such as a lab), he has a difficult time making a plane flight out of Hulman Field on Friday, and thus must often wait until Saturday. Since most Rose students must fly to Chicago to make connections, they are fully exposed to the zoo which is O'Hare Field on the weekend before Christmas. As more and more students come to Rose from distant sections of the country, this problem grows in magnitude.

So what do students do? They cut class on Friday, of course. A lot even go home Wednesday night and miss Thursday classes. Professors, who generally are also affected by this "Christmas bug", often cancel classes on Friday, anyway. An informal poll last year showed that only half of the classes were in session, and barely a third of the students were still on campus on Friday.

The simple solution would be to just cancel all Friday classes, as is done before Easter. At the very least, Friday afternoon classes and labs should be postponed. This would need to be done only when Christmas fell on Sunday or Monday.

We can already hear the screams of profs about missed lectures, labs, etc., and how it would be "impossible" to make them up. So, there is another option: classes would end Wednesday before Christmas, and resume Thursday after New Year's. This way no classes would be missed and everyone would have plenty of time to get home.

Depending on which day of the week Christmas is, the days that vacation would start and end would vary. This would also solve the problem of returning the day after New Year's, as happened two years ago.

The main objection to this plan is that it will sometimes split a week in half, violating a sacrosanct Rose-Hulman tradition. However, it seems such a disruption would be trivial compared to a Friday when no one shows up for class.

Last year, everyone said that having classes so close to Christmas would never be permitted to happen again, and that the schedule would be changed to avoid the problem with students skipping Friday classes. As can be easily seen, nothing was done. Let's have some serious thought and action about this problem, and not just inertial continuance of the way it has always been.

SGA Headliners

Student Congress held its second session last Wednesday, Dec. 13th. The congress considered several items of business at this time.

The motion to grant provisional recognition to the Rose Organization for Men in Action (ROMA), a new service organization, was carried. Under the Student Body Constitution, the club must remain on this

probationary status for at least 90 days, after which the Student Congress may accord them full recognition by a two-thirds vote.

Also passed was a resolution calling for Moech Hall to remain open until 2 a.m. during tenth and finals weeks. This will make more computer terminals available during this period of heavy use. The request will now be considered by the administration.

Another resolution requested that the parking area in front of BSB be made available for student parking, as it has been in the past. Parking regulations were changed this year to

restrict the area to faculty parking; there are complaints that the space is not used.

The Student Government notes that the faculty and administration are open to suggestions from the students.

Students are urged to see their Student Congress representatives when they have a complaint or suggestion; he will in turn present the suggestion to the Congress for consideration.

In early January, pictures of each representative will be posted in his respective precinct, so every student will know who his representative is.

CATAPULT

There are a limited number (7) of openings for summer work as student assistants for the Catapult program (for high school students). Applicants should be capable and interested in lab work, reasonably successful in academics, personable (able to meet people — students and parents — easily and communicate with them), and be interested in working with and being responsible for the students in both lab and dormitory environments.

Applications are available from Mrs. McCullough, Math Div. Secretary, and must be submitted not later than Friday, Jan. 26. For further information, see Professor Schmidt, Director of Catapult. (Students graduating this May are eligible as well as undergraduates.)



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Modulus arrives . . . Hell freezes over

by T. S. Geisel

Vile rumors that the Modulus does not in fact exist were quashed last week, as the 1977 and 1978 yearbooks (the Moduli?) were both distributed, having arrived from the printer over Christmas break. Sophomores, juniors, and seniors picked up their books in Moench Hall last Wednesday through Friday; parents who ordered the books and former students who "left the Institute" through graduation or other means will receive theirs by mail.

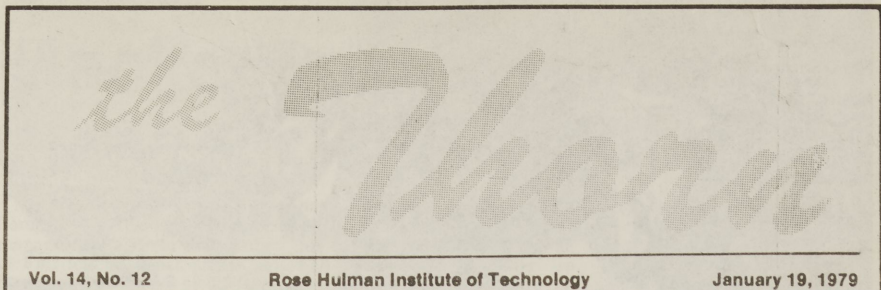
Some have blamed the arrival of the yearbooks for the extremely low temperatures and large quantities of snow which have been prevalent on the Rose campus in recent weeks. "I always heard the Modulus would arrive when Hell froze over," remarked one Thorn editor who prefers to remain anonymous. "I guess this proves it."

The books contain lots of pictures and copy about all the things that make life at Rose so

enjoyable — the many beautiful coeds, the exciting classes, and the dynamic campus activities.

As the '77 Modulus describes the Theta Xi fraternity, "Aksjibu ienin idii kfkf kkvuv ood odom wmm." Roughly translated from the original Gibberish (an obscure language spoken only by a remote tribe known as the Gibbers), this means: "Thus unto organizations which do not submit copy unto their yearbook, even though they be asked repeatedly." Or, as one unofficial version puts it: "It was either that, or run a blank space, which would look funny."

One of the most startling facts revealed by the yearbooks is the fact that some Rose students actually have journalistic talent. (Let's rephrase that: Some non-Thorn staffers . . .) Special credit goes to junior Tim Guetersloh, whose artwork adorns the cover of the '78 Modulus.



Christianity is topic in debate

Rose-Hulman Institute of Technology will be the setting next Thursday as two nationally known thinkers debate the controversial topic, "Is Christianity Credible?" The debate is being sponsored by Rose Christian Fellowship.

Taking the affirmative position in the debate will be Norman L. Geisler, a philosophy professor from suburban Chicago. He is a widely-traveled speaker and frequently has debated in favor of the Christian faith. His opponent on the negative side will be Paul H. Beattie, president of the Fellowship of Religious Humanists. Beattie, from Indianapolis, is prominent in the Humanist movement and frequently has argued against the credibility of the Christian religion.

The debate will be held in the auditorium of Moench Hall and will begin at 8:00 p.m. Each man will have twenty minutes to state his argument and ten minutes to rebut the argument of his opponent. Then, after a brief intermission, there will be an hour-long period of questions from the audience. These questions may be directed to either speaker.

Geisler earned a B.A. in philosophy and an M.A. in theology at Wheaton College, Wheaton, Illinois. In 1970 he earned his Ph.D. in philosophy from Loyola University in Chicago, and since then he has been Chairman of the Department of Philosophy of Religion at Trinity Evangelical Divinity School in Deerfield, Illinois.

He has authored nine books including *Philosophy of Religion and Christian Apologetics*, in which he writes, "Jesus not only claimed deity but he provided a unique and threefold proof that he was truly the person he claimed to be. He miraculously fulfilled dozens of prophecies made hundreds of years before his birth; he lived a sinless and miracle-filled life, and he died and rose triumphantly and bodily out of the grave. This convergence of three lines of the miraculous in one man — Jesus of Nazareth — confirms his claims to be the unique Son of God. Jesus alone claimed and proved to be deity."

Beattie earned a B.A. in American History from Mount Union College, Alliance, Ohio; a B.D. (Bachelor of Divinity) from the University of Chicago

Divinity School; an M.A. in Literature from the University of Chicago; and is presently a candidate for a Ph.D. in Literature from the University of Chicago. Since 1963 he has been a minister in the Unitarian Universalist Church, a church with no creed or dogma. Presently he is with All Souls Unitarian Church in Indianapolis, one of the largest Unitarian churches in the country.

Beattie classifies himself as an "agnostic humanist." He is the author of numerous essays on Christianity including "Why I am Not a Christian" and "Was Jesus a Christian?", in which he writes, "Jesus apparently did not create much of an impression during his lifetime. No reports, that we know of, were sent to Rome about the man Jesus or about a wonder worker who walked on water, healed lepers, caused dead men to rise, and finally who rose from the dead himself. . . Why? Because these things never happened."

The debate will be open to the public. Rose students and faculty are especially invited to attend. Admission will be free.

New Class offered in Art-Photography

Dr. Tom Mason, the Chairman of the Humanities, Social and Life Sciences Division, has announced the offering of HS 443: Special Topics in Art — Photography. This is a Spring quarter elective and will be given by a visiting artist. A faculty and student committee has been interviewing candidates for a unique position, a photographer-in-residence, and will soon announce its selection. The committee consisted of Dr. Mason, Dr. Pickett, Dr. Smith, Professor Priest, Greg Zimmerman, Rick Pflugshaupt, Paul Hahn, and Ken Burch.

The course involves no prerequisites and does not assume an extensive knowledge of photography. The course is designed to help the student develop his own set of esthetic values and to acquire the skill in applying them to his own photographs. The emphasis in this course will be art in the

broadest sense of that word, although some consideration will be given to film processing and the operation of the camera. Students will be expected to do a good deal of reading about the various theories of artistic composition, to view and to analyze a large number of photographs that have won acclaim over the years. They will, of course, be expected to take a number of their own pictures. The extra cost of the necessary materials for this course will be at least \$30.00 and may be considerably more, depending on how many pictures a student chooses to take.

The goal of this photographer-in-residence program is to increase the role of the visual arts on campus, to enhance the enjoyment of photography and to show its broader relationship with other media of artistic expression.

Students get Piping scholarships

Four Rose-Hulman Institute of Technology students have been named to share the \$5,000 Plumbing, Heating and Cooling Industry Scholarship provided by the Piping Industry Promotion and Education Fund.

Recipients are Steve Brockman, a senior chemical engineering major from Schererville; Jim Payonk, a senior electrical engineering major from St. John, Don

Umpelby, a junior mechanical engineering major from Highland, and Steve Bisch, a freshman mechanical engineering major from Terre Haute.

Students are recommended to the Rose-Hulman Financial Aid Committee by those involved in the piping industry. Rose-Hulman then makes the final decision on behalf of the fund, according to the need of each

prospective recipient, said Dr. Jess Lucas, vice president for student affairs.

The annual scholarship support is given to promote education and the pursuit of business, scientific and engineering knowledge to stimulate the piping industry through helping deserving students who have a special interest in the piping industry.

Maureen Crandall, Rose-Hulman's Homecoming queen represented the state of Indiana at the Orange Bowl Festival in Miami over the holidays. Maureen is a sophomore at St. Mary-of-the-Woods College where she majors in education. She is a little sister at Alpha Tau Omega fraternity and is interested in art and sports. Maureen rode aboard the 151-foot float, the longest ever in an Orange Bowl parade, with 50 other queens representing the 49 other states and the District of Columbia. She had a seat at the Orange Bowl game at the 50 yard line and watched Oklahoma beat Nebraska, 31-24.





Mark Bates and Dwight Dively check their evidence files before a round with Wheaton College at the Illinois State Tournament.



Rose-Hulman Debate Team, left to right: Dwight Dively, John Rasp, Jim Renfro, Dr. Donald Shields, Kevin Bowen, Peter Kehoe, and Mark Bates.

Pan-Am Chess Tourney

Rose-Hulman's Chess Team competed in the annual Pan American Collegiate Chess Tournament, held in Chicago on December 26-30. The team finished respectably, though not quite as well as hoped among the approximately seventy teams in competition.

The Pan Am Tournament is the highlight of the chess Team's schedule because of its national importance and the high caliber of players involved. This year, for instance, the winning team of four men was comprised of two

masters and two others rated above 2100, less than 100 rating points away from being masters.

Despite the quality of the competition, Rose chessmen Jim Squire and Mark Shirley both lost only one game each, with Squire finishing with an impressive 3-1 record.

The team as a whole scored three match points out of a possible eight.

The format of the tournament consisted of dividing the teams into brackets such that each team plays eight matches in the

four days of the meet. Despite the intense schedule and the luck of being placed in a difficult bracket, the team was never swept by an opponent, a feat of which few teams in the bracket could boast.

Members of the Rose-Hulman Chess Team participating were Jim Murdock, first board; Bob Kaminsky, second board; Joe Farrell, third board; and Shirley, fourth board. Squire and Bob Homeier were first and second alternates, respectively.

Showers are now being installed

by John Sparks

The new showers for the upperclass dorms are finally being installed after a nine month wait.

The showers were ordered in April, 1978, and Rose received a letter of verification for the order in June. The showers finally arrived in late October.

Since school was in session, the decision was made to wait until quarter break to install the showers. However, when the Building and Grounds crew attempted to install the showers, a multitude of problems surfaced.

Water shut-off valves turned off the entire north or south side of a building. Each shower could not be isolated, and no two showers were alike. By the time the solution to place shut-off valves in pairs was made, classes were once again in session.

Work began again during Christmas break. During that time four showers in Sharpensburg were replaced and work was begun on seven in Blumberg. Nine showers in Mees are next.

Additional showers to eventually replace all of the

units in the dorms have also been ordered. It is hoped that all will be installed during next summer.

As the new showers are all stainless steel, further problems are not anticipated. These showers should last indefinitely, whereas the old units rusted after only thirteen years.

Another campus change over Christmas break occurred in the duplicating room. The machines there were rearranged to permit construction of the office of the Secretary to the Vice-President of Finance. This post was filled last Monday.

Two new professors

As many may have noticed, there is a new face in the M.E. department. His name is Bill Kane and he is a 1967 graduate of Rose-Hulman.

Some of Bill's hobbies and special interests include traveling, woodworking, and racing. He was a race car driver, and a member of the Amateur Sports Car Club of America for several years. After his racing he became a technical inspector for racing cars. He is still interested in racing and has been helping the Rose Racers with advice and information on their car.

This quarter, Bill is teaching Heat Transfer, along with a

couple of M.E. labs.

The following two sentences are what Bill thought someone should have told him in college — and he thinks everyone should be told this:

Use time wisely, do the best you can.

Have a good time!

There is a new instructor in the math department, too. He is Dr. Richard Gibbs, who started teaching here first quarter.

Before living here, Dr. Gibbs lived in Bloomington, Indiana. There, he taught calculus and finite math at Indiana University. Also, he has given

tutorials as a graduate student at Oxford. Here he will be teaching Calc. I, II, III, Differential Equations, and possibly Linear Algebra.

Dr. Gibbs has many special interests, some of which reflect his English background, such as cricket and darts. He is also interested in electronics and astronomy. In 1977 he was busy with activities such as moving to America and getting married.

All of Dr. Gibbs' degrees are in mathematics. His thesis was on mathematical models for biological oscillators. He has also done work with traveling waves.



Jim Renfro and Denise Wright of Greenville College frolic during a water fight at the Illinois State Tournament.

Debaters place at national tournament

by Jim Earl

Rose-Hulman sent its three top debate teams to the Illinois State Tournament over Christmas break, and they returned with two fifth place plaques and a speaker award.

The first team of sophomore Mark Bates and junior Dwight Dively compiled a 6-2 record by beating two teams from Wheaton College, along with Ohio State, Wayne State, Northern Ohio, and eventual champion Northeast Missouri.

Rose's second squad of sophomores Kevin Bowen and Jim Renfro went 5-3, with wins over Greenville, Wheaton, Central Michigan, Wayne State, and Ohio State.

The third team, senior John Rasp and sophomore Peter Kehoe, finished at 3-5.

In the elimination rounds, Rose's teams lost to Greenville and Wheaton, with the latter being a questionable 2-1 decision. This left the two teams tied for fifth in the 30-team national

tournament.

Besides the team awards, Dively won the fifth-place speaker honor by compiling 137 points. Bates collected 127 and Bowen and Renfro each had 124 to finish among the top half of all speakers.

Despite the success, which was unexpected at such a strong tournament, the team was slightly disappointed at not finishing higher. Rose's coach, Dr. Donald Shields, blamed the long layoff for some of the difficulties.

Dr. Shields explained that no one had debated since December 2, and others hadn't been in action since late October at Western Kentucky. The lack of practice and exposure to new cases didn't help, he said.

The team's next meet will be February 17 at DePauw. After that, they hope to be able to send one or two of the sophomore teams to the National Novice Championships at Northwestern in March.

FRANKLY SPEAKING ... by phil frank





Stuart Levitz and Sue Malesiewski, who may soon become co-directors of Rose's food service, pose outside the Macke kitchens. (Womble photo).

Macke looking for new manager and feedback

Michael Bartolo, the Macke Company's Resident District manager at Fairfield University in Fairfield, Connecticut, is at Rose-Hulman to help steady the food service operations while plans are made for new management. Michael Wilson, the former director, no longer has any connections with Rose; Sue Malesiewski, staff assistant director under Mr. Wilson, remains as part of the food service staff.

At Rose along with Mr. Bartolo is Stuart Levitz, who has worked with him at Fairfield since August of 1978. Mr. Levitz holds a B.S. in Hotel and Restaurant Administration from Cornell University and has worked for Macke since his graduation.

"One of the reasons I suggested that Stu come out here is that his family has been in the food service business in Connecticut for many years; he

has been in contact with it all his life," Mr. Bartolo said. "During his college years at Cornell, he had on-the-job training in restaurants... he's young, but he knows products and quality. He knows the bottomline."

An idea being considered is that of having Sue and Stuart work as co-directors. This may pose problems if there are overlapping responsibilities, but Sue says that overlapping responsibilities can actually be an advantage because they provide a check system.

"As long as there is open communication between us, and there is in this case, it should work fine. This is the system I worked under last year, and it went along well."

Continuing its efforts to correct problems, Macke again stresses that feedback from students is important, not only in the initial comment but also in

response to changes resulting from the comment.

"There were a lot of comments on vegetables, for example," said Sue. "I switched brands, from fresh to frozen... but since this change was made, I have not heard if they are better or worse, if the students like them or if they don't. It's one thing to bring up comments, but when changes are made, I have to hear again... I have to know if it is better or not."

Sue and Stuart will be in the dining room frequently, and Sue has been working on the breakfast and lunch lines. Any students with anything to say about the food service are asked to either talk with them directly or write a note and put it into the suggestion box in the dining room.

"If we can do it, we will; if not, we will tell you," said Mr. Bartolo.

Thomases have baby

by John Sparks

Martin Thomas, professor of Civil and Mechanical Engineering, and his wife, Josephine, had the distinction of being the parents of the first baby born in 1979 in Vigo County.

A daughter, Lisa Ann, arrived at 1:47 a.m. on January 1 at Regional Hospital at the exact same time as another girl was being born at Union Hospital in Terre Haute.

Thomas noted that the odds against two babies being born at this same time in an area of this size are staggering.

A number of gifts were provided for the six pound-fourteen ounce, twenty inch child by area merchants. Included were dairy products from Great Scot, Coke from Coca-Cola, and a \$25 savings account at Terre Haute First National Bank.

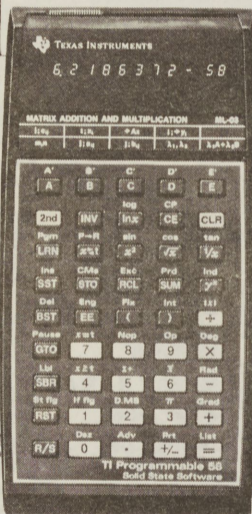
However, as Thomas points out, the value of the gifts is much less than the tax deduction available had the child been born on December 31, 1978!

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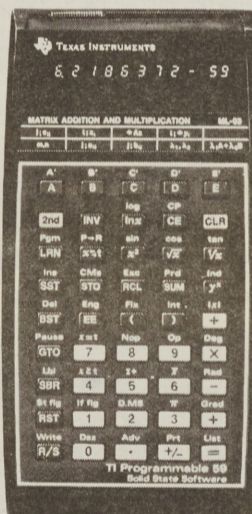
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CATAPULT

There are a limited number (7) of openings for summer work as student assistants for the Catapult program (for high school students). Applicants should be capable and interested in lab work, reasonably successful in academics, personable (able to meet people — students and parents — easily and communicate with them), and be interested in working with and being responsible for the students in both lab and dormitory environments.

Applications are available from Mrs. McCullough, Math Div. Secretary, and must be submitted not later than Friday, Jan. 26. For further information, see Professor Schmidt, Director of Catapult. (Students graduating this May are eligible as well as undergraduates.)

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FRANKLY SPEAKING ...by phil frank

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IM soccer added

The newly formed indoor intramural soccer league had its first games last Sunday. The league was organized mainly by varsity soccer players Eric Mooney and Brad Kowalski, with the guidance of intramural director Jim Rendel.

The league is currently made up of nine 6-man teams which play each other on Sunday afternoon. The games occupy the entire new gym, which motivated the scheduling of games during the relatively slack Sunday afternoon period.

Indoor soccer is played with as much intensity as outdoor soccer, and the same ball handling skills are used, making the indoor game close to the outdoor version. However indoors, because of the limited space there is no out of bounds and rebounds off the wall are in play. Also the field is much smaller which makes for quicker transitions from offense to defense.

Goalies must be there the entire game because of an

almost constant scoring threat, and all of the other players must run nearly constantly to keep up with the play. Each team is allowed one time out per 20 minute half and free substitutions are allowed so extreme endurance is not necessarily required to participate.

At the moment there are no specific plans to expand the league into minor and major divisions or to make up more gym time in playing games. If an increased interest is shown, the program could be modified to include two divisions, and count towards the All-Sports trophy. The program as it stands now is only one division and no All-Sports trophy points are awarded.

The season for indoor soccer will continue until April 1, and at that time all the teams will have played each other. Gym space on Sunday afternoon will continue to be less available especially when the basketball bleachers are set up for a game.

Freshmen shoot well

The Rose-Hulman Rifle Club Championship, which was held at the beginning of the quarter, had freshmen taking two of the top three spots in the student category.

Steve Gootie, a freshman from North Vernon, Indiana, took top honors by scoring 208 out of 300 possible points. Sophomore Ed Spyhalski from Florence, Kentucky, took second place with a close score of 201. Dan Kazmierzak from South Bend, Indiana, held third place for the freshmen with a total of 191 which included an exceptional 90 out of 100 points in the prone position.

Captain Roger Sommerville edged Professor Bill Deutschman out of top position in the faculty category 213 to 209 points in a contest that could have gone either way until the very last shot. Mrs. Sherry Dekker proved her skill and competitiveness by taking third place with a very commendable 183 points.

Both student and faculty participation was up again from the previous year and it is hoped next year's event will be even bigger. The Rifle Club would also like to extend its thanks to the Rose-Hulman Faculty for all of their enthusiasm.

Last Saturday, despite the snow and the ice, Sergeant Bob Scheffknecht and the R.O.T.C. Rifle Team drove to the

University of Illinois Chicago Circle R.O.T.C. match in order to add another victory to their undefeated season.

Sophomore James Gryga took top individual and team honors by firing another of his consistent match scores of 266 out of 300 possible points. Freshmen talents Dave Kolacz and Bruce Ziegler made a solid backing of 263 and 260 points respectively. Sophomore Tim Juntunen was only 9 shy of defeating the top University of Illinois score by earning 235 points.

Freshman Dan Kazmierzak posted a total of 191 in his first team effort of the season. Competition for the top three individual honors stayed within the Rose-Hulman squad as a fitting testimony to the skill and dedication of these Rose athletes.

Brian Raver, Rose-Hulman Rifle Club Secretary, reported that over 94 schools have entered the first annual Rose-Hulman Fighting Engineers Postal Match. Entrance fees from the Junior R.O.T.C., College R.O.T.C., and college varsity teams amount to a total of \$1,158.

After the 15 prizes are awarded, profits could come close to the \$900 mark, which will help fund Rose-Hulman's Varsity Rifle Team on their upcoming spring tour.

Editorial

BASKETBALL

By popular demand, the Thorn sports staff questionably presents the THORN TOP 20. It is guaranteed to please no one, promises to be ignored, and is wrong. But we felt that Carl Jones and Andy Arney needed some competition. This article has very little chance of becoming a syndicated column. It also has very little chance of reappearing in The Thorn.

Despite these towering obstacles, here it comes in bold face. We send our sincere apologies to the administration for overlooking Rose-Hulman.

- THORN TOP 20**
1. NORTH CAROLINA
 2. NOTRE DAME
 3. UCLA
 4. NORTH CAROLINA ST.
 5. MICHIGAN STATE
 6. DUKE
 7. ILLINOIS
 8. ISU
 9. LSU
 10. OHIO STATE
 11. ARKANSAS
 12. SYRACUSE
 13. GEORGETOWN
 14. LOUISVILLE
 15. MARQUETTE
 16. KANSAS
 17. USC
 18. MARYLAND
 19. TEXAS A&M
 20. ALABAMA

BOB PEASE

WORSE TOP 20

1. UCLA
2. NORTH CAROLINA
3. LSU
4. NOTRE DAME
5. NORTH CAROLINA ST.
6. DUKE
7. MICHIGAN STATE
8. KENTUCKY
9. OHIO STATE
10. ILLINOIS
11. SYRACUSE
12. KANSAS
13. ISU
14. USC
15. LOUISVILLE
16. GEORGETOWN
17. ARKANSAS
18. UNLV
19. TENNESSEE ST.
20. WASHINGTON ST.

WALLACE-KEHOE

FOOTBALL

This is the sports staff's special poll issue as should be apparent by now. The post-season football poll promised to be as tough as any poll, but was the most fun, and there was surprisingly little disagreement. We are sure you will not agree.

FINAL FOOTBALL POLL

1. OKLAHOMA
2. USC
3. ALABAMA
4. MICHIGAN ST.
5. PENN ST.
6. MICHIGAN
7. NEBRASKA (tie)
8. NOTRE DAME (tie)
9. HOUSTON
10. TEXAS
11. CLEMSON
12. UCLA
13. ARKANSAS
14. MISSOURI
15. PURDUE
16. TEXAS A&M
17. N.C. STATE
18. NAVY
19. STANFORD
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Engineers split in conference

Rose-Hulman opened up conference play Friday with an easy twenty point victory, but came home Sunday from Danville, Kentucky with a twenty-nine point loss.

The split leaves the Engineers at one and one in the conference and eight and five overall. Centre is now nine and three overall and two and zero in conference action.

Friday night at Shook Fieldhouse the Engineers made a stride toward yet another conference title with an easy 83-63 win over the Principia Indians.

Rose had a balanced attack and was led by Sophomore forward Dave Strange's ten of fourteen from the field and four of five from the line.

The Rose attack was balanced against Centre as well, but the defense left something to be desired. The Engineers had foul problems early and Centre capitalized on them with sixteen first half points from the line.

For the game Rose was led by Ron Dale with fifteen, John Grunwald with fourteen, Jim Baske with thirteen, and Dave Strange with ten.

Last year Centre and Rose tied for the conference crown with

six and two records. Centre defeated Rose soundly at home last year yet the Engineers beat the Colonels at Rose to keep the teams even.

Centre was paced by Neil Sterba with twenty-four points and by Joe Sandy with nineteen.

For the season Rose is being led in scoring by Ron Dale with a 19.4 average. Dave Strange with a 15.1 average and Jim Baske with a 14.5 average.

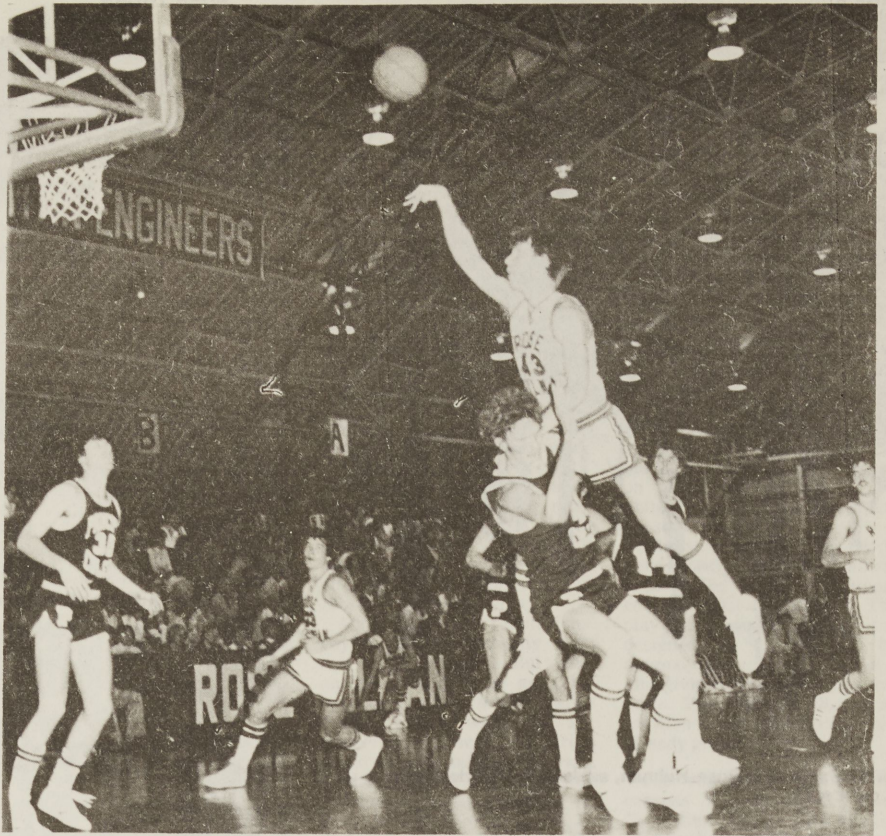
Rebounding is led by Jim Boerger with a 9.3 average and Ron Dale with a 6.6 average. Boerger and Dale led the team in blocked shots with 17 and 14 respectively.

Mark Givens leads the team in assists with 57, followed by Jim Baske with 54, and Jim Boerger with 46. Boerger leads the team with 25 steals.

The team is led in field goal percentage by Grunwald at .600, Ed Sudlow at .588, Gustus at .552, Dale at .550, Strange at .547, and Bowman at .538.

Leading the team in free throw percentage are Dave Strange with a .936 percentage, Givan at .867, and Gustus and Jerry Czarnecki at .800.

Rose-Hulman will play Sewanee in a conference game tonight in the fieldhouse.



Baseball practice underway

Last Friday was the beginning of Rose-Hulman's baseball season with the first organized practice. The squad is much larger than last year since 44 students went out for the team.

This figure includes 22 freshmen which compares to less than 15 last year. The usual size of the team during the season is 25 to 28, but baseball coach Jim Rendel will try not to cut to reduce numbers.

Last week's practices consisted mainly of conditioning, but some throwing and catching should take place this week. Also the batting cage will be set up so that the team can get in some batting practice.

This year's team should be

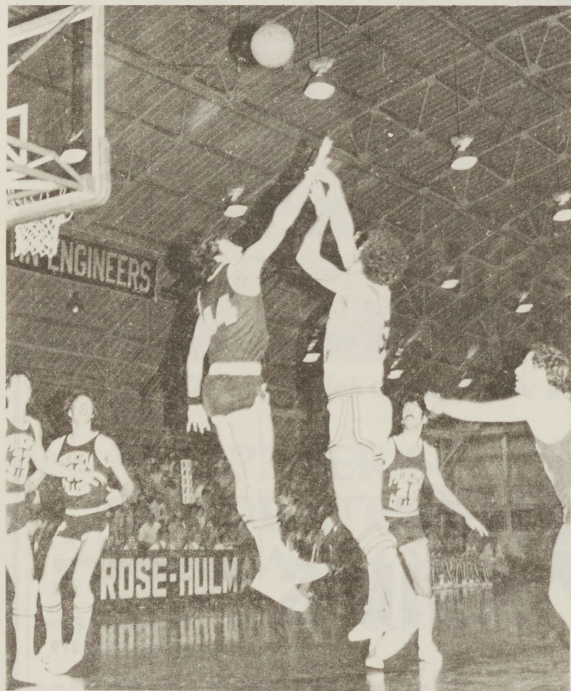
better than last year's team according to Coach Rendel since only two seniors were lost, and many of the outstanding freshmen could contribute to the team. The team leadership will be shared by co-captains Bob Burwell and Mike Skinner. Both are seniors with Burwell playing right field and Skinner at pitcher.

Although much can be done inside to prepare the team for games, indoor skills don't really show each player's ability. This means Coach Rendel's evaluation of any player does not carry much weight and thus few starting positions will be won or lost during the indoor practices.

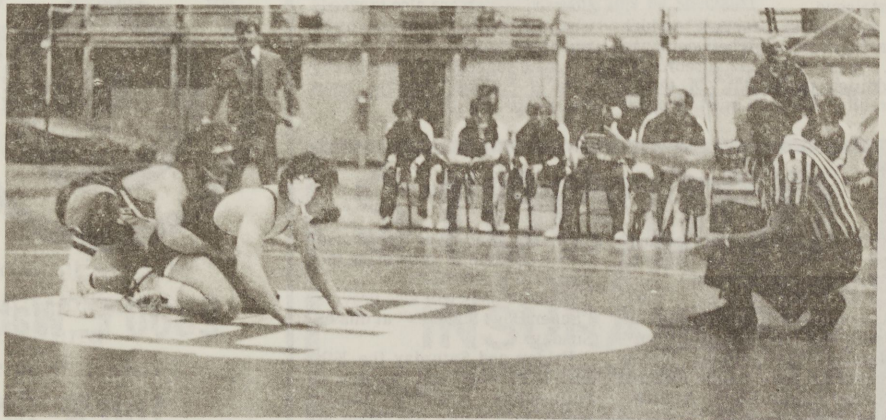
This does not diminish the importance since the first outdoor games begin over spring break with the Florida trip.

This year's trip to Florida for the baseball team will be very close to last year's. The team will spend nine days in Georgia and Florida playing a total of 8 games.

The regular season baseball schedule has been confirmed and from this Rose will play 33 games. This includes one against Indiana State, a team which Rose defeated last year. All 18 home games will be played at 1:00, at the Art Neff baseball diamond.



Dave Strange pops in two more for the Engineers. Against Principia Strange hit on 10 of 14 from the field. He also connected on 4 of 5 free throws to drop slightly among Division III free throw percentage leaders. Dave is currently shooting .938 at the line and .547 from the field. Here in first half action Dave hit one of his seven out of seven attempts. (Photo by Womble).



Wrestlers place third at Franklin

After a rough season last year it looks like the 1979 Rose-Hulman wrestling team is on its way to a successful season.

Last year Rose suffered under the effects of students feeling that being number two and not wrestling was not good enough. Grade pressure obviously played a part.

Yet despite those seemingly unavoidable problems, the Engineers placed third out of a field of seven teams last Friday in the Franklin Invitational Tournament.

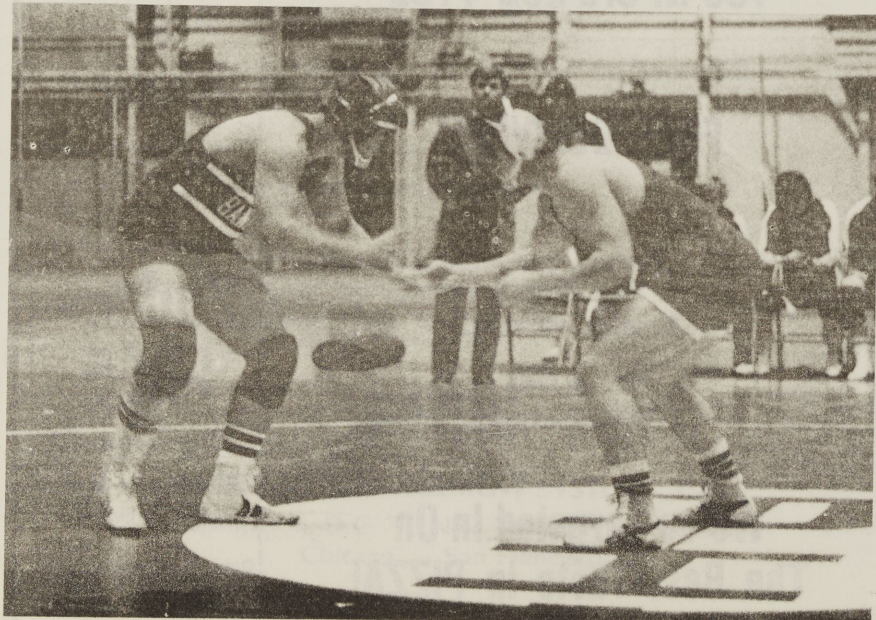
Rose managed 44 points to trail only Franklin with 87 points, and Urbana College with 51. In the process Rose defeated

Anderson, DePauw, Huntington and Manchester.

Rose was led by Randy Slutz with a fourth place finish in the 118 pound class, Steve Kersch with a first place finish in the 126 pound class, Mark Hackney with a first in the 134 pound class, Ed Racop with a third at 158 pounds, Frank Gavrilos with a second place finish at 167 pounds, and Paul Sechrist finished third in the 177 pound weight class.

Rose also wrestled always tough Hanover on Tuesday and will be at home for a 5:30 p.m. match with Washington of St. Louis.

Silence is the one great art of conversation.—William Hazlitt.





Winter sets in at Rose-Hulman, as seen in this view looking up Lost Creek.

Humanities requirements create a lot of problems

by Peter Kehoe

Attention students, especially upperclassmen. Registration for spring quarter is next week. One of the biggest hassles in registering is Humanities classes. To avoid problems in graduating, it is necessary to be aware of the graduation requirements in Humanities classes.

All students are required to take a minimum of 36 credits in Humanities and Social Sciences courses. Besides the required Literature and Writing course (HS 131), 32 credits must be taken as specified in the catalogue.

Humanities courses, which have a center digit between 0 and 4, must total 12 credits in addition to HS 131. Of the 12 credits, at least 4 must be upper

level (300-400) courses.

The same is true for Social A So Science courses, which have a center digit between 5 and 9. A total of 12 credits must be earned with 4 being upper level courses.

An additional eight credits must be taken from either the Humanities or Social Sciences courses. Of these, 4 credits must be in an upper level class if a total of 12 credits in that area have not already been earned. Also, 4 credits are required in "Non-Western" courses. These courses are marked in the catalogue. Limited Credit Courses, which are also marked, cannot total more than 4 of the 36 required credits.

A good suggestion is to pick out 2 or 3 courses in case your choices get closed out.

Coming events

Several activities are planned for the Rose-Hulman students during the coming week.

The Residence Hall Association will present the film "All the President's Men", starring Paul Newman, Robert Redford, and Jason Robards Sunday night. The Academy Award-winning film chronicles the work of Washington Post

reporters Bob Woodward and Carl Bernstein in uncovering the details of Watergate.

Macke Foods will also provide "Super Bowl Sundaes" at dinner Sunday.

Friday and Saturday the 26th and 27th, SAB will sponsor a coffeehouse featuring Randy Rice. Both shows will begin at 8:00 p.m.



Proving Rose-Hulman students will do anything, two campus dwellers plunged under the ice in diving gear.



Emerging 20 minutes later, they roll about the ice in an effort to recover their senses. Note advance diving gear at left. (Womble photos).

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Decent Chick of the Week: Julie Kennedy

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Rose-22 at Catch

by Dave Steele

If you have never had the comic privilege of viewing the hilarious production of Catch-22, you can put an end to your deprived education February 8-10. If you are familiar with the production, you certainly will want to catch it again.

The play, written by Joseph Heller and based on his bestseller book, is a fast-paced, generally insane collection of occurrences revolving around a World War II bombardier named Yossarian, played by Junior Gene Jones.

Yossarian has a peculiar quirk in that he wants to live forever, "or at least die in the attempt." To help in achieving that goal, he tries to avoid flying any more bombing missions by asking Doc Deneeka (Dave Wasil), a hopeless hypochondriac, to take him off of the flying list for reasons of insanity.

According to regulations, anyone pleading insanity must ask to be grounded. But then, anyone asking to be grounded must obviously be sane — only a crazy would want to go. Therefore, since Yossarian asked to be grounded, he must fly the missions. That's Catch-22.

While Yossarian continues his quest, he runs across many other "interesting" goings-on in the war. The mess officer, Milo Minderbinder, played by Bill Sutton, runs a syndicate which, among other things, sells Egyptian cotton to the enemy

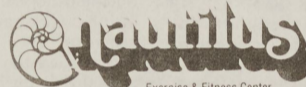
(after failing at chocolate-covered cotton).

The mail clerk, Private Wintergreen (Jeff Makey), holds life-and-death power over all orders made on the camp by virtue of the fact that he runs the mimeograph machine. As he says, "I was going to cancel the Normandy invasion until Eisenhower committed more armor."

The Chaplain, Albert T. Tappman (John Rasp), gets caught red-handed, so to speak, with a supposedly top secret tomato. To keep things running smoothly, there is also a dirty old man, a brothel, a dead body on stage during most of the action, and a nurse that gets goosed.

The structure of the play is very loose, with dimly defined scenes. The characters simply enter and exit as necessary. The play has 41 characters, but it is designed to be played by approximately thirteen actors, thus giving some as many as five parts. The result of this is an addition to the general confusion already present.

The remainder of the cast consists of Tom Cornell, Pam Grey, Gail Cooley, John Paulus, John Seghers, Joe Rothenberger, Bob Bogusch, Dave Steele, and Ron Miller. Anyone wishing to see the production can buy tickets for any night in advance from any cast member.



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A classic winter scene shows the upperclass student parking lot in its usual icy state. (Womble photo).

Page 9

A guide to surviving at Rose

by Eric Blair

The following are excerpts from "The Real, True, and Genuine Handbook and Devotional Guide of the Faculty of Rose-Hulman Institute for the Terminally Technical."

SNOW POLICY — Original policy called for classes to be cancelled due to inclement weather whenever the moon turned blue, the water tower collapsed, or the Modulus arrived. Recent events have necessitated dropping this last item from the list.

THE HARRASSMENT PROGRAM — Rose aims to give its students not only what passes for a technical education, but also the ability to deal with real-

life situations. The Harrassment Program has been instituted to this end. When (and if) a student graduates from Rose, he'll be ready for anything the "real world" can throw at him. Space does not permit complete description of the program; some of its more important aspects are registration, Hum requirements, Macke's "little black books," and the Calc I final.

GRADING — Inquire in the computing center for instructions on the use of the Imperial Machine's random number generator. Special care should be taken to use the preprogrammed routine only during those rare oc-

casions that the computer is up.

FEMALE WOMEN — As Chauncey only wanted boys at his school, we are obligated to resist any changes from current admissions policy, preserving our student's God-given right to an environment free from coed pollution. Besides, change is inherently evil.

HOUSING — All freshmen will live on campus unless they can manage to avoid it, so we can keep an eye on them. After all, everyone should live in a zoo at least once in his life. Seniors occasionally live on campus — but you can occasionally draw to an inside straight, too.

Bits & Pieces

A.S.C.E. drive successful

Several members of the Rose-Hulman community showed their Christmas spirit and helped make the American Society of Civil Engineers Christmas Food Basket drive a success. A total of \$103 was donated in the week before Christmas and was used to buy groceries for two underprivileged families in the Terre Haute area.

On Friday, Dec. 22, Eric Dansker and Dave Finley bought the groceries and distributed them to two families whose

names were supplied by the Light House Mission of Terre Haute. "I'm really glad to see that things went so well," Finley said. "I know that the drive was a success last year and I was happy to see it do well again this year."

The A.S.C.E. student chapter wishes to thank the several members of the student body, staff, and faculty who contributed their time, money and advice to help make the drive a success.

Movie to be shown

In connection with my course in Mythology, I will be showing the film "Zorba the Greek" starring Anthony Quinn and Alan Bates. The showing will be Sunday evening, Jan. 21, at 8:30 p.m. in room C-126. Any one who wishes is welcome to attend this showing. There is no charge.

P. F. Parshall

EDITORIAL

It's snow season again, and another year has passed without substantial improvement in the driving conditions at Rose.

The problem begins at the school's entrance, where the traffic usually backs up to Route 46 on icy mornings. The left-turn lane is often very slick, and it takes a great deal of time to get onto campus.

The situation could be improved through the addition of another entrance, probably the oft-discussed gate by the Apartments. So far, nothing has been done to implement this idea; let's hope it is part of the Master Plan. The maintenance staff could also consider spreading cinders in the turn lane to improve the traction, just as they do on the campus roads.

On campus, it seems that it has been forgotten that the parking lot by the fieldhouse is used, as it never seems to get plowed. Last year, it went for over two weeks after the blizzard before it was cleared, and only then because of a basketball tournament. In the meantime, stuck cars became a daily occurrence. This makes it very inconvenient for the commuting freshmen and sophomores who use this lot.

By and large, the grounds crew does good work in clearing snow considering the sorry state of many of the roads on campus. A little more complete job and some long-range planning and improvements could help, though. The situation hasn't gotten too bad yet, but if we have a repeat of last year's weather, it soon will be.

Letters to the editor Prof. Priest apologizes

January 15, 1979

Dear Thorn Editor,

I made a terrible mistake. And I want to publicly apologize to the entire student body for it.

Just before Christmas I passed out some promotional literature on the 1979 Russian Studies Summer Tour to Moscow and Leningrad. I put the material in every box. But it contained an embarrassing error of fact. I apologize to all involved and promise that I will never make the same mistake again.

What I did was to give Don

Umpleby's title incorrectly. He is, in fact, the Vice President of the Student Body. I gave his name, you will recall, as a reference and information source person for the trip. Don went on the 1977 trip and can speak eloquently about travel and study in the Soviet Union. He is a particularly valuable person to consult if you are considering going on the trip and have not studied Russian. Don had no prior training in Russian.

Sincerely yours,
Peter F. H. Priest

Garrett snowed out

The Student Activities Board wishes to express its sincere regrets that Larry Garrett's Hypnotism show scheduled for a convocation and coffeehouse on January 15 had to be cancelled. Larry is based in Chicago, and due to the second worst blizzard in Chicago's history, O'Hare airport was shut down. Consequently, Larry's flight was cancelled. This information was

not confirmed until Monday morning, so we were forced to go ahead with the Convo schedule. S.A.B. is trying to reschedule Larry Garrett for some later date.

Once again, we offer our apologies for any inconveniences incurred.

Sincerely,
Jerry Fish
Convocations Chairman

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