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Rhythmic Union to play Thursday

Rhythmic Union, a five-member ensemble which uses more than thirty instruments to create a stimulating blend of music influenced by jazz, classical, and ethnic styles, will classical, and ethnic styles, will present a concert at Rose on Thursday, November 6, as the third program in the 1980-81 Fine Arts Series.

The concert is scheduled for 7:30 p.m. in the Auditorium of Moench Hall.

With one complete in the Auditorium of Moench Hall.

With an emphasis on percussion, Rhythmic Union's music includes a variety of musical structures ranging from improvised passages to composed pieces. The group's style ranges from driving jazz-oriented improvisations to ethereal melodies and to hot polyrhythmic percussion jams. Frequently, the music employs complete changes of mood and rhythmic pace.

Rhythmic Union's bass and percussion ia augmented by an array of instruments from around the world. These include North India world. These include North India tabla drums, bansuri (bamboo flutes), tanbura, amadinda xylophone from Uganda, kettle gongs, tam-tams, opera gongs, tuttom gongs from the far east, and African drums, shakers, and log drums.

and African drums, shakers, and log drums.

The performers include Robert Chappell, keyboard-percussionist and principal composer; Tigger Benford, percussionist and co-founder with Chappell of the group in 1977; Chari Haines, flutes; Hank Roberts, cello; and Jerome Cheatham, bass.

Student Loan rates raised

by John Sparks

Editor
Recent legislation has rais ed the interest rates on Guaranteed Student Loans to nine percent for first-time borrowers. This new interest rate goes into effect on January 1, 1981.

The Guaranteed Student Loan Program is open to all students. Loans are obtained through the student's own bank, with a limit of \$2500 a year for dependent undergraduate students.

Currently, the borrower has no payments to make until nine months after graduation or termination. Payments are then made on a seven percent simple interest scale.

The new guidelines will have no affect on students

already under the Guaranteed Student Loan Program. Loans may continue to be made at the seven percent interest rate until 1990.

However, new borrowers will be saddled with the nine percent interest rate as well as a shortened lag time of six

Consequently, Paul Steward, Director of Student Financial Aid, is suggesting that students who are plan-ning on applying for a Guaranteed Student Loan should apply before the January 1 interest rate in-crease

This program is available to all students, but must be applied for at a bank and not the Financial Aid Office here at Rose-Hulman

Vol. 16. No. 7

Rose-Hulman Institute of Technology

October 31, 1980

Rose, ARA try to improve food service

Staff Reporter

Bolstered by an increase in funding by the Institute, ARA Food Services has revamped its menus in order to provide higher

menus in order to provide higher quality meals.

The additional funding is the result of dissatisfaction by both the students and ARA with the dishes necessitated by the original contract, and has resulted in the appearance of premium entrees at least once on every day except Saturday. In addition, breakfast has expanded to include five fruit juices, and a meat item twice a week. meat item twice a week.

Assistant Food Service Director Mark Farner provided some insight into the conditions which brought about the additional funding, which amounts to eleven cents per student per day.

For the first five weeks of the

school year ARA was working within a budget which made it financially impossible to offer many items which the students had come to expect. The absence of such standards as raisin

bread, grated cheese, and soft serve ice cream alone was enough cause for

enough cause for dissappointment.
Coupled with the disappearance of solid meat, however, the dissappointment swelled to anger. Feeling the pressure from both students and the food service the school. the food service, the school arranged for approximately \$30,000 to be transferred to the food budget with the stipulation that it be used for the ham, roast

that it be used for the ham, roast beef, and juices which were painfully lacking before. Although the meals are much improved, Farner was quick to point out that ARA does not claim them to be the best in the world, but certainly the best that can be provided with this budget (as the former plan was the best possible before the money was added).

added).

Describing meetings with the other ARA contracts in the area, Farner stated, "It's kind of depressing, you know, when a school like Marion College says 'we had roast beef and chicken last night' and you have to say 'we had turkey chow mein.' We would like to serve roast beef with unlimited seconds, but we just can't."

Contrasting Rose with a school like Marion quickly points out the reasons for this disparity. Marion is a co-ed school which averages 1.3 overall servings per student. Rose, overall, averages 2.8 servings per student yet provides less money per student

As of last week the average cost of a meal (food and labor) was \$1.36. The money provided by the budget, however, was only \$1.23, even with the additional funding. With this in mind it is not hard to understand the not hard to understand the absence of everybody's favorite, the raisin bread, which costs five times more than the regular

Grated cheese and soft ice cream, similarly, are items which have been cut back due to

which have been cut back due to budget considerations (such as last month's two percent increase in food prices).

Even with these hardships in mind there are certain questions that remain to be answered. Though ARA is working hard there are several areas which could use improvement.

could use improvement.

Service at times is certainly not perfect with long lines forming and persisting at many times during the day. Perhaps this can be traced to the serving format with its single line and format with its single line and tickets.

tickets.

Also, the question definitely needs to be answered as to whether the students are willing to put forth the money needed to improve the system. The many complaints about food quality would certainly be justified if money were being misspent.

But investigation reveals that it is not. The money is just not there. Perhaps a slight increase per month would bring an improvement. This newspaper would be an excellent forum for a discussion of the matter.

a discussion of the matter

Soph jinx strikes again

Senior Reports Midterm grades for quarter show a marked decrease from Fall, 1979, in the number of juniors and seniors earning grade point averages below 2.0, the cutoff point for academic

only 42 juniors received midterm averages less than 2.0, compared with 66 at the same time last year. In the senior class, 28 students have averages below 2.0, down from 52 in 1979.

Jess Lucas vice president for

Jess Lucas, vice president for student affairs and dean of students, called the statistics 'encouraging,' but he speculated that a high number of speculated that a high number of sophomores achieving marks at the academic probation level may be becoming traditional.

This year 90 sophomores had midterm averages below 1.9, the minimum "safe" score. This number is comparable to the

1979 figure of 88 sophomores. As a percent of the class, the 1980 number may actually be better sophomore class

enrollment is larger this year.

The freshman class had only 28 students in the probation category (below 1.75), on par with last year's respective number of 27. Calculus and chemistry provided the most trouble for freshmen, and graphics also gave some students problems, the Dean trouble for freshmen, and graphics also gave some students problems, the Dean

urged those having Lucas urged those having troubles in studies to see their instructors. He said that he realizes "it is difficult for some to swallow their pride," but he added, "the best place to get help is from the instructor." He also advocated attending help sessions when they are offered. The Dean also stated that

midterm grades can be misleading, as some grades may be given on the basis of performance on one test. He noted that final grades usually reflect improvement in all classes, and predicted that if history is any indication cooks. history is any indication, sopho-more final grades will show "noticeable improvement."



Drama Club to present mystery

by Dale Arand and Rod Braun

by Dale Arand and Rod Braun Staff Reporters
On October 30, 31 and November 1st, the Rose-Hulman Drama Club will present its fall production, "Ten Little Indians." Each performance will be held at 8:00 p.m. in the Rose Auditorium in Moench Hall. Tickets are on sale for \$1.50 each

"Ten Little Indians" is a play "Ten Little Indians" is a play which was written by the popular English mystery novelist Agatha Christie. The story is naturally a murder mystery and involves ten people who are on an island for a party. The play promises a lot of excitement and suspense for the Halloween weekend. lot of excitement and sus for the Halloween weekend.

An eleven-member cast will An eleven-member cast will bring this intriguing thriller to the stage here at Rose. Of the eleven players, most have had experience in previous productions. Eight actors are from Rose. The remaining three hail from I.S.U., St. Mary-of-the Woods, and West Vigo High School. The director, Kirk Wahamaki had a very difficult time in selecting the final cast. There was great competition for the parts.

Three Rose seniors, Bryan
Weber, Thomas Cornell, and Bill
Sutton are included in the cast. Sophomores Dan Jazekas and Grant Bolling earned roles in the mystery. Three freshmen, Johnathon Richardson, Bob

Techentin and Al Hipplehauzer will also be featured.
April Ann Jordan, a student at I.S.U. will portray Mrs. Rogers in the show. Judy Bishop from St. Mary-of-the-Woods will appear in the preduction. in the production.

west Vigo High School is represented by Pam Gray. They have been rehearsing nightly for quite some time now. The play will definitely provide a lot of "death and destruction."

A great amount of time and effort has gone into this Rose Drama Department production. It is hoped that large crowds will turn out for the performances. Such an event is surely worth a little time and expense. little time and expense



Cast members for the continuing Drama Club presentation of "Ten Little Indians" have been in rehearsal for weeks. From left are Bill Sutton, Bob Techentin, Pam Grey, Dan Fazekas, Grant Bolling, Judy Bishop, Jonathon Richardson, Alan Hippleheuser, April Ann Jordan, and Tom Cornell. The mystery will be presented in the auditorium tonight and tomorrow at 8:00 p.m. Photo by Steve Shuman.

Vote for John Anderson . .

by Mike Fowler

Many voters despair at the presidential choices offered by the two main parties.
Faced with the potential
incompetence of a man who
must speak from prepared
scripts to hide his ignorance
of complicated issues or the proven incompetence of Jimmy Carter, cynical indifference seems to be the attitude of many Americans.
Fortunately there is an attractive alternative to

Fortunately there attractive alternative to Ronald Reagan's simple mindedness and Jimmy Carter's ineptitude.

John Anderson has forthrightly and imaginatively addressed the major issues facing America in a detailed 317-page.

On the three in a detailed 317-page platform." On the three most important issues of economic recovery, energy, and defense. Anderson had distinguished himself from his two opponents.

Anderson sees boosting productivity as a major means of reducing inflation. To accomplish this he has

supported legislation to promote capital investment by increasing taxdepreciation allowances. He also supports reducing the tax on savings account interest and a ten percent tax credit for research and development.

Unlike Carter and Reagan though, he refuses to pander voters with promises of a tax cut until the federal budget is cut until the rederal budget is under control. Unlike Reagan, who promises to cut only "waste," Anderson requires sacrifice and has recommended specific budget cuts and revenue adjustments in order to balance the budget by 1981

by 1981.

In the field of energy, Anderson supports most of the same programs for new energy development as Carter and Reagan. The main difference is in the area of conservation. While Reagan seems to dismiss substantial conservation as un-American and Carter confines conservation to his energy sermonizing. Anderson has

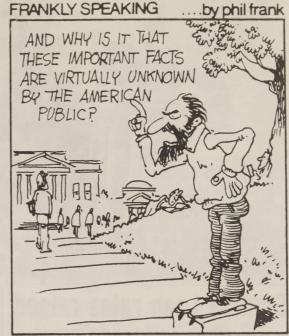
taken a tough stand

His proposed "50/50 plan" would add a fifty cent per gallon conservtion tax on "50/50 plan" motor fuels to reduce consumption, coupled with a fifty percent decrease in employee Social Security taxes and tax credits for those

unfairly penalized.

Anderson also differs on defense issues. While proposing increased defense spending, he opposes the MX missile and the B-1 bomber on the grounds that they are too expensive and strategically unsound. Rather, he supports an increased commitment to NATO, increading the size of the navy and increasing the pay and benefits to defense

His main theme moderation. "Spending billions for 'defense' while inflating our currency and nmediating our currency and neglecting steps to increase innovativeness and competitiveness of the American economy will not make us strong in the long



COLLEGE MEDIA SERVICES box 4244 Berkeley. CA. 94704

Fiji's defend Greeks

It is unfortunate that fraternities are so often judged by those who know little about them. For someone not a member of a fraternity, or not disactly involved with

member of a fraternity, or not directly involved with the fraternities, to make a broad judgement on them would be like someone completely unfamiliar with the printing process to criticize the print quality of a student newspaper. How can a person not involved in the system know what actions Rose Hulman chapters are taking to remove their "stereotype" images?

It is also unfortunate that the

It is also unfortunate that the service fraternities and their members pay the school and community is so quickly forgotten. The Rose-Hulman fraternities work hard at keeping a good image, yet how soon they are condemned and categorized at a single bad incident. They realize they must be responsible but when judging

be responsible, but when judging an organization's worth we

be responsible, but when judging an organization's worth we should look at the whole picture. Imagine Rose without fraternities. The fraternities provide the center of the social life and intramural athletics at Rose, as well as provide a large percentage of the student involvement in community service. These are far more "tangible" than the effect of merely alleviating on-campus housing problems.

... or President Carter ...

Global problems of mounting human populations, shortages of food and fuel, inflation, and unemployment are having serious and long-lasting effects upon natural resources. Our very survival in the years ahead depends to a significant degree upon wise stewardship of the hasic soil a significant degree upon wise stewardship of the basic soil, forest, and mineral resources which make our nation wealthy, strong and great.

President Carter has demonstrated the type of intelligent, informed and interested Presidential leadership needed to provide

interested Presidential leadership needed to provide wise management of these resources for the next four years

vears.

Carter's record, both as a Governor and as President since 1977, has been impressive. Speaking in a general sense, he has fought for economic growth and development — but in a manner designed to protect the integrity of this nation's natural environment. He has acted to manage natural resources in ways to assure their availability for future

generations.

Speaking to specifics, he has supported the Clean Air and Clean Water Acts, established a National Water Policy, supported and signed the first national law to regulate strip mining, led in protecting the public from toxic substances, fought against unwise and unjustified water projects, and gave permanent protection to outstanding federal lands in Alaska.

He endorsed the protection

He endorsed the protection He endorsed the protection of coastal and oceanic resources and he supported national wildlife refuges and the protection of endangered species. In addition, his appointees to administrative positions in federal resource agencies have proved to be capable and dedicated individuals.

We believe there are

believe there We believe there are currently only two candidates in this election: President Carter and Governor Reagan. A vote for John Anderson will only draw votes away from Jimmy Carter and threatens to swing the election to

Reagan.
It is clear that a Reagan It is clear that a Reagan Presidency is unacceptable to those who care about public health and safety and the protection of our natural resources. As recently as October 7th, Reagan attacked the Environment Protection Agency and the Clean Air Act, promising to "reorient" both of them.

them. While Anderson has made

of them.
While Anderson has made recent campaign statements that are philosophically similar to Carter's, attention must be paid to his long record in the House of Representatives.
For instance, his record on nuclear energy is shocking. From his seat on the Joint Atomic Energy Committee, he served as one of the leading Congressional proponents of nuclear power. Anderson never voted correctly on nuclear power votes used by the non-partisan League of Conservation Voters in rating environmental records of Members of Congress since environmental records of Members of Congress since

system to those on other campuses, you will find ours to be better than most. There is competition, but no more than that what is inherent with the situation. There is presently a movement in the IFC, brought on by the chapters themselves, to relax those situations in which the fraternities are placed in a

competitive position.

There was some insinuation in last week's Thorn that the fraternities oppose the new colony of Delta Sigma Phi. Such a statement could not be further from the truth. The recommendation by the IFC to approve colonization was made recommendation by the IFC to approve colonization was made unanimously, with several chapters even offering their assistance to help the new colony get started. We realize the need for a seventh choice at Rose, so as to strengthen the existing Greek System and allow more students to be involved in it.

We do not ask for applause nor do we feel that everyone belongs in a fraternity. All that we ask is that when weighing a judgement on fraternities one considers all the factors. We have a good fraternity system at Rose, but one that can always stand one that can always stand improvement.

We welcome the new colony, Delta Sigma Phi.

.. or Ronald Reagan ...

by David Slavin Staff Reporter

The current myth is that there is no one to vote for in this year's presidential election. The unsettling thing is that so many otherwise reasonable and discernable voters have fallen so effortlessly and even willingly into agreement with the myth. They are even actively supporting such candidates as Mickey Mouse, Snoopy, and John Anderson.

For just as eager as the press is to deride Carter for his low-level mud-slinging, so too are they eager to smear the pages of America's newspapers with this self-same mud. The press continues to whine over the lack of discussion of the major issues, while ignoring the fact that at least one candidate has made his stand clear on most of them.

Ronald Reagan has, from the outset, clearly defined his stand on the economy, defense, and foreign policy. As president he would balance the budget; not by allowing inflation to push all taxpayers into higher tax brackets, but by allowing the country to produce its way out of the present recession through across-the-board tax cuts and

business incentives.

Among the most notable of his incentive schemes, is the idea of enterprise zones in especially hard pressed urban areas. Businesses and areas. Businesses and workers who would agree to work in such areas would receive further tax credits and incentives in hopes that these areas, which are now liabilities draining the economy, would soon become productive.

Secondly, Reagan has also clearly stated his position on America's defense. Reagan was not the one whose consciousness was finally raised about the dangers of Soviet aggression at the end of 1979.

Instead, he has consistently varned of his major military

threat to us and our allies.

In accordance with this view, Reagan backs a strengthened ned military; a which is truly superior and can guarantee our country the security required to allow us to improve our economy and continue to supply the needs of the people.

Reagan also has clearly

stated that he supports a consistent foreign policy based on mutual trust, and most importantly, respect.

This is not as idealistic as it may seem as he must merely continue to support our allies and continue to inform our enemies where our interests

But these are merely issues which affect us today. In the future, other incidents and issues will gain in importance maybe even to the point of drawfing the present clamor over the perceived energy crisis and the present high inflation rate. How will the next president deal with such change of events?

Based on Carter's

record of patch-ups and policy turnarounds we can expect him to continue to respond to new events w bewilderment followed

THORN

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but be sure to vote.

Engineers rest a week; look to C.A.C. contests

Rose-Hulman's football team, which took a three-day break from the gridiron sport last weekend with an open date in the schedule, will return to action Saturday with an important road trip to Sewanee, Tenn., where the Engineers play the University of the South Tigers.

Both teams enter the game with 3-4 marks and view the

TEAM

Centre

Sewanee

Principia

Southwestern

Rose-Hulman

Illinois College

game as a pivotal contest in the quest for a winning season. The Engineers, who are 1-1 in the College Athletic Conference with three league games remaining, figure they still have a shot at a share of the conference title. "I think we're ready for another game now," assesses Engineer head coach Joe Touchton. "Hopefully we

head coach "Hopefully

3-1

1-1

1-1

0 - 4

0 - 3

ALL

4-2

3-4

3-3

3-4

used the time wisely and will be ready to play and be well-prepared for Sewanee.
"Sewanee has a good football team, one that is different from last year's club which depended largely on the running game.

The Tiger passing statistics have been impressive all year, with the team ranking fifth in NCAA Division III in passing efficiency.

The Sewanee game is the last road trip of the season for the Engineers who complete the season with consecutive home games with Southwestern at Memphis (Nov. 8) and Washington University of St. Louis (Nov. 15). The Fall Parents' Weekend is scheduled in conjunction with the Washington game.



IM Sports Round-Up



by Brad Burton

close races and important games going into the last weeks of the season, and Major football is no exception. Sigma Nu appears to have the inside track toward the Major title, but will have had to defeat a determined Fiji team earlier this week to secure that position.

In last week's activities to secure that position. A look at IM football shows close races and important

In last week's action, Sigma In last week's action, Sigma Nu remained undefeated with a 13-0 shut out of ATO, while Fiji remained one step behind via a forfeit victory. In the other game, a very capable LCA squad moved into third place by blanking the

LCA squad moved into third place by blanking the Independents, 8-0.

The only league with no more than one unbeaten team is Minor D, where Scharpenberg has taken sole possession of the top spot by knocking off a very tough LCA No. 2.

Other key games in Minor D saw the Deming Basement post its first victory by beating Delta Sigma Phi, while Apartment A-3 moved into a tie for second place by walloping Ind. No. 1.

In Minor C, it appears that the championship will be decided in the upcoming LCA No. 1 vs. Fiji battle, as both teams remain undefeated.

teams remain undefeated.

In last week's most important game. Fiji edged a solid Deming No. 3 team when an apparent last-gasp Deming touchdown was disputedly nullitied. High scoring LCA No. 2 rolled up 47 points in victories over BSB No. 3 and Ind. No. 3, while OC NO. 1 reached the win column by a forfeit.

Minor B shows two undefeated teams, after a light schedule of games. ATO stayed perfect by blasting Deming No. 2, 19-0, while unbeated Blumberg No. 2 did not play. In other action. Ind. No. 2 beat BSB No. 2, 6-0.

Last but not least, in Minor A BSB No. 1 and the Townies remained undefeated, while Speed No. 1 made a big jump into second place with two victories. one a forfeit. Blumberg No. 1 passed Mees No. 1 in the standings with a 7-6 squeaker over Mees on the field.

Sports

Mapmen sweep fall meet

College Athletic Conference

by Peter Kehoe
Managing Editor
The orienteering team is in the middle of the busiest part of their fall season. Two weeks ago, on October 18-19, the team sent 27 people to the U.S. Championships in St. Louis, Mo. Last weekend, eight members of the club were in Chicago for a class "B" orienteering meet. This weekend, the team will be off to Cleveland for the North American Championships.

U.S. Championships
Two members of the team took home awards from the meet in St. Louis. Paul Fahlsing, senior, finished second in the men's open category.

st. Douis. Paul Fanising, senior, finished second in the men's open category.

On the Orange course, Don McCracken, junior, had a time of 53:65 minutes which was good enough for third place in the men's 19-20 age category.

Competing in the elite category, men's 15-18 on the Orange course were freshmen Kris Bachman, Ed Hallin, and Paul Lavan who had times of 50.13, 75.0, and 75.92 respectively.

Three of the members all sophomores of the team, competed at the elite level on the Red course (men's 19-20 category). Darin Ridgway had

Red course (men's 19-20 category). Darin Ridgway had Rose's best time on the Red course at 195.59 minutes for two days. Andy Hill had a time of 218.34; and Dale Arand finished in 273.45 minutes.

Two seniors Galen Kannary

Two seniors, Galen Kannarr, the club's president, and Peter Kehoe, also competed on the Red

Kehoe, also competed on the Red course.

Most of the members competed on the Orange course in the men's 19-20 category; Dean Dringenberg (71.35), David Schafer (94.03), David Hess (94.57), Jeff Baldwin (107.05), Dave Donovan (88.93), Tom Overbaugh (91.63), Scott Linn (69.2) and Brian Connett (Disqualified).

The only other member who competed on the Orange course was the club's advisor Brayton Burks who was also disqualified.
On the Yellow course, Jim Beamon and Wayne Wittenberg turned in times of 101.72 and 144.04 respectively in the men's open division.

Three representatives from ISU competed for Rose in the women's open division on the Yellow course.

women's open division on the Yellow course. Janet Eaton had a time of 127.06 for fourth place. Brenda Finch and Deb Deter had times of 171.2 and 214.65 respectively.

Chicago Meet
For the second year in a row,

19-20 age category on the Orange course at the meet in Chicago. David Hess finished first, followed by Dave Donovan, Jeff Baldwin, and Peter Schoenhoff,

Baldwin, and Peter Schoenhoff, all sophomores.

Andy Hill took first place on the Red course in the men's 19-20 advanced category.

Also on the Orange course were Bratyon Burks and senior Kevin Rees. They finished first and third in the men's 21 and over category.

over category.
For the first time, Rose OC member placed on the Blue course. Scott Hickerson, junior, competed in the men's 21 and over elite category and finished third.



Paul Fahlsing receives the award for second place on the Green course in the men's open category. His time for the two-day meet near St. Louis was 142.1 minutes. (photo by

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MAJOR Sigma Nu 5-0-0 Fiji 3-1-0 3-2-0 ATO 2-3-0 Independents 1-4-0 Deming 0-4-0 MINOR A BSB No. 1 4-0-0 Townies 4-0-0 Speed No. 1 3-1-0 Blumberg No. 1 2-2-0 Mees No. 1 2-3-0 Deming No. 1 Independent No. 4 0-5-0 MINOR B ATO 3-0-0 Blumberg No. 2 2-0-0 Speed No. 2 2-1-0 Independent No. 2 Independent No. 5 BSB No. 2 0-2-0 0 - 2 - 0Deming No. 2 0 - 3 - 0MINOR C LCA No. 1 4-0-0 Deming No. 3 3-1-0 Off-Campus No. 1 1 - 2 - 0BSB No. 3 1-3-0 Independent No. 3 Speed No. 3 0-4-0 MINOR D Sharpenburg 5-0-0

Soccer

3-1-0

3-1-0

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0-4-0

LCA No. 2

Triangle

Apartment A3

Independent No. 1 **Deming Basement**

Delta Sigma Phi

by Rob Schmidlin Staff Reporter
After losses to St. Meinrad's and Marvville College, the Engineers played three games over the long weekend. Leading 3-2 at halftime over Ky. Wesleyan, the kickers gave up two goals in a rain soaked second half, and lost 4-3.

Saturday afternoon President Hulbert egged on the Engineers as the team played Earlham to a scoreless first half. The Rose squad lost 2-0 but had its best overall game. Then on Sunday, Rose lost 6-0 to a tough MacMurray Team.



McKinney - newest professor in CE

Layout Editor

This quarter has seen the addition of several new faculty members here at Rose Hulman One of these is James R. McKinney, who has posted his nameplate among those in the department of Civil department

Engineering.

Dr. McKinney is a native Hoosier, with his home town being South Bend. McKinney attended Purdue University and in 1969 graduated with his Bachelor of Science degree in Civil Engineering.

As he had been affiliated with Air Force ROTC during his undergraduate years at Purdue, upon graduation, McKinney was commissioned as a Second Lieutenant in the United States Air Force. During the six months between graduation and inductment into the armed nductment into the armed ervices, McKinney worked as a field engineer for Chicago Bridge and Iron.

Upon active duty, McKinney book basic training in San

New Jersey flying a cargo plane.
During his enlistment,
McKinney became a family
man; as he married and became

After termination of his enlistment with the Air Force, McKinney returned to Purdue where he obtained his Master of where he obtained his Master of Science and his Doctorate degrees. During that time, McKinney also served as a graduate assistant instructor and did research on the possibilities of asphalt recycling. He served in ASCE in a branch office in Lafayette and belonged to the Civil Engineering Honorary, Chi Epsilon.

McKinney is currently teaching Cost Engineering and Construction Engineering & Management classes. He likes the student body and is "very impressed with the faculty, not only their quality, but the overall friendliness."

Welcome to Rose-Hulman Dr.

Ball Corporation Offering Careers as Diverse as Itself

Photo show to feature engineering

The Rose-Hulman Photo Show committee wishes to announce the 1981 Photo Show. The theme of this year's show will be engineering as art. The emphasis of the Show is to

encourage creative and imaginative approaches to looking at engineered objects. Possible approaches might be to photograph the grace of a bridge,

the dynamics of fluid flow, the texture of a surface, the form of a circuit, the color tone of a a circuit, the color tone of a plasma, the harmonic qualities

of a waveform, the symmetry of a mechanical process or the beauty of a structural design. The show will be on display from April 24 til May 1. Cash prizes and ribbons will be awarded in a number of

will be open to Rose-Hulman students, faculty and staff. Small snapshots and slides may be entered. Entrants will be given one help in enlarging and framing. Deadline for submission of entries will be March 15, 1981. Entries or questions should be directed to Prof. Vuchinich or Prof. Priest.

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Election alternatives revealed

by M. Bignose

WASHINGTON (UPS) With election day right around the coroner (sorry Ronnie), and a distinct lack of viable (sorry Dr. Dyer) candidates, we give you a brief look at some alternatives to the big three. These are elusive "Fourth Parties" many of you may never have heard of.

One of the most promising parties we came across was the Gullible Peoples' Party. The platform of this party includes promises of increased prices to the farmers, increased defense spending, increased social spending, increased social programs, increased overseas aid, fuel conservation, lower food prices, massive tax cuts, repeal of the 55 mph speed limit, an end to all welfare, and a balanced budget.

A spokesman for this party presidential candidate, the late Jimmy Hoffa, remarked recently, "Although Jimmy Carter used dis platform last year, we believe dat we're da people dat can make it woik."

Another interesting concept is that held by the Pseudo Party. The Ayatollah U Once and the Ayatollah U Athousandtimes Ayatollah U Athousandtimes will run for president and vice president disrespectively. As they put it, "We made a sham out of Iran, we can do it to the United States are a sham out of Iran, we can do it to the United States, too.

Their platform includes such loose planks as annexing the U.S to Iran, encouraging uprising

accomplish this they will arrest half of the U.S. and hold the cabinet hostage. This party is officially described as being a little to the right of Ronald Reagan because Mr. Reagan believes that only a third of the country should be put in jail.

Another party on the scene this ear is the Inept Peoples' Choice Party. This party's strength Party. This party's strength comes from their reputation for picking winners. For example this party's past candidates include Gerald Ford, Jimmy Carter, Tommy Smothers, Jon and Phyllis Diller, and Stan Laurel

This party's platform includes installing safety bumpers on all government limo's, removal of all sharp objects from the White House, life preservers in the bathrooms, and creating a department for covering up blunders in foreign affairs. Ted Chapaquidic will be this party's candidate and will run on a ticket increased nepotism and car pooling.

The Apathy Party has been in the last 4 elections but never had

the manpower to advertise. Their candidate, Rose Modulus said recently that their party advocates not wasting time voting and went on to point out that their party has received more support in the last four elections than any other party. Judging from this year's crop of candidates, this support should increase to a new high this year.

A new party this year is the Tupperware Party, it's an interesting concept, but its all so

So if you aren't satisfied with the fine job President Carter has tried to do, or if you don't want one year of Reagan and three years of Bush, or if you don't want to vote for the worst of both, then consider the fourth parties.

As Barry Silverwater once said, "Voting is like sex, you only get to do it once every four years so you might as well do it right." In other words, consider all the possibilities, think long and hard, and then make your final decision; don't be

Display board open

Self-expression is one of the most rewarding human experiences. An important aspect of that experience is aspect of that experience is communicating an idea, form or vision that one has to other human beings. In order to promote self-expression at Rose-Hulman, the HSLS Division is opening a set of display boards for the use of students, faculty and staff. The display boards will not

The display boards will not be used for any commercial

purposes or publicity. Items to be displayed will be subject to restrictions imposed by public decency and good

Items will be shown on a Items will be shown on a revolving basis depending on demand for space. The display boards will be coordinated by Prof. Sam Vuchinich (Office A-235, phone 377). If you would like to display something, contact Prof. Vuchinich.

Blood drive sets record

Thanks to all of you who helped in the blood drive to make it a success. Two hundred pints even were drawn — a new record here at Rose

I would like to especially thank the Faculty Wives Club for the cookies, ARA for the punch,

cups, napkins, and use of trays, all of the fraternities for typists and people serving punch and cookies, and — of course! — all of the people who came down to donate blood. I sincerely appreciated all of it.

David Brannan



The opportunity to take on responsibility NOW — not after a few more years of getting ready — is waiting for you at Ball Corporation. We are an aggressive Fortune 500 company with world-wide operations in packaging, aerospace, industrial and technical products. If you are graduating this winter or spring in Mechanical Engineering, Electrical Engineering, or Chemistry, sign up at the placement office to meet with us on November 10.

