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AUDITIONS **Engineers** in Concert Moench Hall Auditorium WED, FEB. 3 4:30-6:00 P.M.

The Rose

Engineer WRESTLING MONON BELL CLASSIC Friday, Jan. 29 Shook Fieldhouse 6:30 p.m.

NEWS BRIEFS

Executive committee reviews Rose's financial performance

The January 15 meeting of the executive committee of the board was a "very important activity pertaining to the financial health of the institute," according to President Hulbert.

Hulbert stated that the committe endorsed the adminis-tration's plans to increase re-venue by initiating a new mod-el for increasing tuition during the next four years.

Hulbert pointed out that when compared to similar in-

stitutions, Rose-Hulman's cost to students are among the lowest. Only two members of the Association of Independent Technological Universities (AITU) have lower tuition rates than Rose-Hulman. One of these is Cooper Union, which charges no tuition.

Rose-Hulman's room and board fees are the lowest of the AITU members. ''Many schools charge students more for a 10-15 meal plan than we do for 18 weekly meals," Hulbert

for 18 weekly meals," Hulbert

Not making the grade

(College Press Service) Good grades won't necessarily get you a job when you gradu-ate, according to a recent surwho visited Rensselaer
Polytechnic Institute.
Tom Tarantelli, associate
director of the Career Develop-

ment Center, said 113 corporate recruiters were interviewed when they came to the campus in late 1992. He found that good grades were near the bottom of the list of skills and traits most important to recruiters in making hiring decisions.

"Companies can afford to be more selective now," Tarantelli said. "They're looking for well rounded applicants who get along with others and can participate as members of a team. The three skills they value was a register or a star in the presentation. ue most are interpersonal skills, problem-solving skills, and comunication skills."

Other valued skills included creativity, flexibility, maturity and good judgment.

State begins use of E-10 in certain vehicles

Lieutenant Governor Frank O'Bannon, director of the Indiana Department of Commerce (IDOC), has announced that vehicles within the state's that venicles within the state's central motor pool in Indianapolis will begin using gasoline containing ethanol (E-10). The use of this fuel impacts favorably on the state both economically and environmentally.

E-10 consists of 90 percent E-10 consists of 90 percent gasoline and 10 percent ethanol. Such a combination does two things. First, it improves combustion and reduces carbon monoxide emission levels 15 to 35 percent. Second, E-10 fuel can materially reduce hydrocarbons and other noxious emissions that react in sunjust and form cape or smooth light and form ozone or smog.

Aside from its environmental benefits, ethanol reduces the volume of U.S. petroleum imports as it is produced from corn and other agricultural

products. Additionally, it in-

products. Additionally, it increases the demand for grain, thereby lowering the cost of farm-commodity programs.

"I feel it's important for state government to set an example by promoting the use of ethanol," said O'Bannon. "Not only does it enhance the environment but it's use snarks our conly does it enhance the environment, but its use sparks our economy. Indiana has 70,000 corn growers who provide 20 percent of the grain needed for ethanol production in the United States. The aggregate economic impact on Indiana is over \$100 million. O'Bannon added, "Ethanol production also benefits Indiana farmers adding 10 cents per bushel to the price of corn." The purchase of E-10 fuel by the state motor pool reflects Indiana's committment to three goals improving the state's economy, wise management of energy resources, and concern ergy resources, and concern for the environment.

Korea's Sunkyong Group announces 'Global Leaders of Tomorrow' contest

The Sunkyong Group of Korea is proud to announce an Essay Contest for registered undergraduate and graduate students in the areas of science, government/law and business. The top essays in each of the three areas will be chosen as the winners of Sunkyong's "Global Leaders of Tommorrow" essay contest.

Each of the three winners will receive \$5,000 and a one week trip to Korea.

More information and the guidelines for the contest can be received by calling (212) 906-8138.

Founded in 1953, Sunkyong is one of Korea's five largest business groups, employing more than 22,000 men and women in 35 countries. Rank-

ing among the top companies on the Fortune International 500 list and with annual reve-nues of more than \$13 billion,

nues of more than \$13 billion, Sunkyong is dedicated to globalization. Sunkyong is a proven leader in the fields of energy, international trade, petrochemical products and engineering and construction. The preparation for increasing globalization is reflected in every aspect of Sunkyong's various areas of business. An important part of Sunkyong's preparation is in training the leaders of tomorrow to think globally. Sunkyong believes that students, as the future leaders of tomorrow, must understand the progress of globalization and contribute to the evolution of a safe, peacethe evolution of a safe, peace ful and prosperous planet.

National Science Foundation grant provides new digital signal processing laboratory

by Andy Nuxoll
Staff Reporter
Professors, Keith Hoover and
Henry Winton, have recently
completed constructing RoseHulman's new Digital Signal Processing (DSP) Laboratory located in B206. They received a
fund matching grant from the
National Science Foundation
(NSF) two years ago and have
waited until now for computer
prices to go down.

waited until now for computer prices to go down.

The centerpiece of each lab station will be a 486-66 PC clone equipped with a specialized DSP floating point chip that functions similarly to a math coprocessor but is more specialized for the demands of Digital Signal Processing.

Digital Signal Processing is the science of turning audio samples (particularly voices) into recognizable patterns. This clearly is the heart of the voice

activated computers of the future.
Currently, some very limited voice activation has been accomplished but voice recognition still



Dr. Hoover demonstrates some of the capabilities of the new digital signal processing lab. This lab will be used in conjunction with future network synthesis III classes.photo by: Brian Dougherty

faces some heavy challenges. The computer has to recognize accents and the different speeds of human speech. Equally daunting is the tremendous of memory required to store all the information about each word the computer will have to recognize. will have to recognize

Next year Network Synthesis III (EE534) will use the lab as well as a new 500 level electrical engineering course. However, the

lab will not be limited to these

The DSP lab will also be used for digital enhancement of music and extracting audio signals from noise. Hoover recalls the difficul-ty he had a few years ago extract-ing a phone conversation from behind the sound of a fan for the Terre Haute police. The new DSP lab would make similar activities

SGA announces presidential elections

by Michael Payne SGA Executive Director

The stage is finally set for the Student Government As-sociation (SGA) presidential election. The top vote getter in the SGA presidential primary held on Tuesday, January 26, was Kevin Hayes, followed by Tom Tyson, David Allabaugh, and Robert Piper.

Kevin Hayes and Tom Tyson will now move on to the official presidential election to be held on Tuesday, February 2. The winner of this election will be the next president of the SGA.

The junior class had the best voter turnout, with 56.9 percent of the class members participating, followed by the sophomore class with 55.6 percent, the freshman class with 55 percent, and the senior class 45 percent, and the senior class with 37.5 percent. Total participation for the entire Rose student body was 44.8



Kevin Hayes

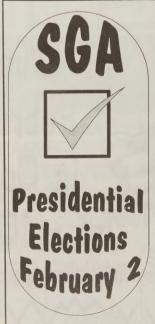
Kevin Hayes Clawson, Michigan ME major

Student Government Association (SGA)

Tau Beta Pi Honor Society ASME Triangle Fraternity Varsity Soccer (2 years) Ultimate Club

SGA is doing a lot of good things for the students and the school, but I believe that it could be doing much more with could be doing much more water my leadership. I would like to be a part of the team that not only offers solutions to the pro-

plements those solutions in the most effective way. As SGA President, I will As SGA President, I will strive to promote an "open door" policy that would encourage greater student awareness of and participation in SGA sponsored clubs, activities and Senate meetings. Many of the students do not know what SGA is doing, and this needs to be changed. I will use the ROSE THORN to keep the student body informed and up to date on issues important to them.





Indianapolis, Indiana EE major Junior

SGA (vice-president, business manager, chairman, programming committee, public-

ity committee, senator, rules and discipline student/faculty committee, Blue Key, RHA, Alpha Tau Omega Fraternity — Chaplain and Scholarship Officer

If elected student body president I will bring a renewed focus to student services. Each student at Rose-Hulman pays \$90 a year in student fees, but few students reap the benefits. In the past the SGA has focused for the much on itself. it's far too much on itself — it's structure, organization, and procedures — and not enough on the helping and representations the ing the average student. Re-frigerator rentals and the new SGA Book Exchange are prime examples of cost effec-tive programs which serve students. I played a major role in the improvement or initiation

would also focus more attention and effort on representing student views to the Board and administration. The Commission on the Future of Rose-Hulman has been rolling quietly along with little stu-dent input.

Letters to the Editor

Dear editor

Having been involved in the campaign for Student Government Association President until very recently, I feel that I have a satisfactory understanding of the remaining candidates. At this time, I would like to endorse Kevin Hayes as a candidate for this post. Having spoken with Kevin at some length, I believe that he will represent the with Kevin at some length, I be-lieve that he will represent the students well. I believe that he is knowledgeable of student con-cerns and will strive to act on these concerns. I would urge all Rose-Hulman students to act for their own benefit and vote for Kevin Hayes, as I will.

Sincerely.

David L. Allabaugh, Jr.

United Ministries Center hosts 4th Annual Church CHILI COOK-OFF Sun., Feb. 7 · 4-6:30 p.m

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Contact United Ministries Ctr. 321 N. 7th St., 232-0186 for more information & to register by Jan. 26

THORN STAFF

The Rose Thorn is published weekly at Rose-Hulman Institute of Technology, Box 170, 5500 Wabash Ave., Terre Haute, IN 47803. Phone 812-877-

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The Rose Thorn welcomes letters or comments from readers. Articles, ideas, and announcements are also desired. In view of length constraints, we reserve the right to limit the lengths of compents and use except from ments and use except from ments and use excerpts from ments and use excerpts from letters. All submitted material must be signed. All material should be submitted the Mon-day prior to publication.

Dear fellow commuter students:

As one of your SGA senators, I would like to apologize to you for my vote to approve "suspension of the rules" in the December 15 meeting. I had no idea that following the acceptance of this proposal would expel all nonsenators from the senate meeting. I know that a number of you were present at the meeting and had to leave before you could state your views on the computer issue and other topics. "Suspension of the rules," as its name says, permits suspen-

"Suspension of the rules," as its name says, permits suspension of the parliamentary formal rules and gives complete control of the meeting to the senate chairman. The proposal's stated intent was to make the selection process for SGA's new computer as painless as possible. I express my deepest regrets for having wasted your time. I also feel ashamed that the senate's chairman decided to kick out students from an official SGA senate meeting. Previously I had thought that all senate meetings were open to the students body, but apparently not all are. In my opinion, an organization that re-

moves the people who it represents from its meetings is amiss. I will not vote for "suspension of the rules" should it ever arise again.

Yours truly,

Mark Young SGA Senator

Dear editor:

The other day I was talking to a student about today's (Tuesday's) election. When I asked him who he was voting for, he said that Tom Tyson seemed to be a good choice. Well if you believe this I have a few points of interest for you.

lieve this I have a few points of interest for you.

Most of the things Tom elaimed he did were not his ideas. More importantly, they were things that just happened to occur while Tom was in office. Not because of Tom, but because of others. Tom was told to order the new refrigerators by the SGA president. Tom proceeded to pawn this job off to Tom Rude. Now he takes the credit for his political gain.

Much the same with the Book Exchange. Mr. Tyson is taking

The idea was created last year, and it took Tom until the last minute of last quarter to enact it. His procrastination in organizing this project cost it some of its success.

Tom has also neglected some of his duties this year. One example is the Club Council meeting he scheduled on the 19th of January, and neglected to show up for. One of his other duties is to inform the student bodies of SGA meetings. It is as simple as hanging up a sign, and for all but two meetings he neglected this. Notice however how well he remembered to put up the signs of his candidacy. Tom has also neglected some

Finally, Tom Tyson is "the name you know." It is the name of the vice-president who presided over one of the most unpopular congresses I've ever been part of. This congress was marred by division and grid lock.

As in national elections it is As in national elections it is time for a change. It is time to get students involved in SGA. It is time to get students to trust in SGA. Can you trust an organiza-tion that is led by such a man? Lastly, I would like to apologize to the student body if anything I have done in SGA has lead to these bad feelings.

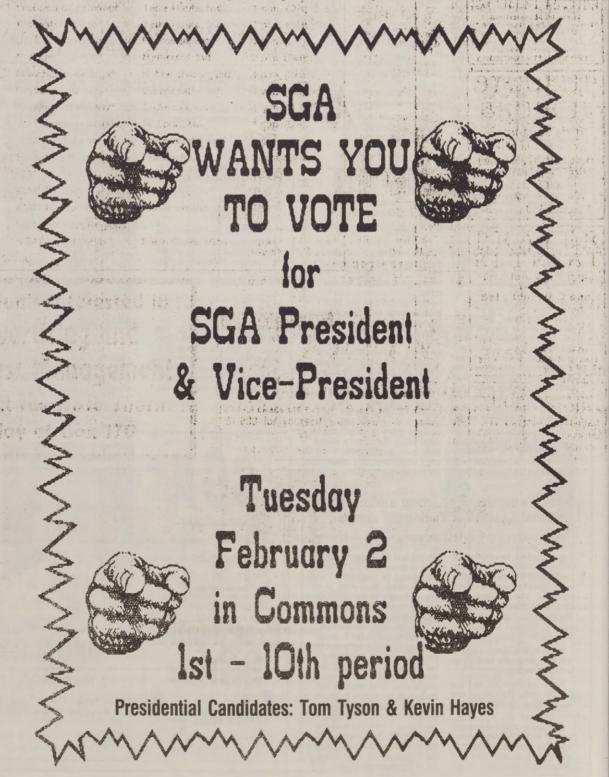
Trying harder,

Jeff McDermott

Death is forever. Heart disease doesn't have to be.

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American Heart Association



Home record keeps Cagers optimistic

by Jim Broskow
Sports Editor
The basketball team has dropped a couple of important ICAC
games recently, but remain hopeful that their strong home record
will hold true and keep them competitive in the conference

will hold true and keep them competitive in the conference.

Last Saturday, the team lost to conference leader Hanover in a frustrating game. Rose suffered a 45-13 free-throw shooting imbalance in the game, and after an altercation on the court saw Coach Bill Perkins and Scott Beach ejected from the game. The effects of the game are evident in the most recent Midwest Regional rankings; Hanover is at number two, while Rose has fallen off the list. Depauw held at number seven, and Franklin climbed

ber seven, and Franklin climbed onto the standings at number ten. Rose again suffered from a free-throw shooting ratio Wednesday night against Manchester. The fact that they were playing without leading scorer Beach, from the Hanover suspension, didn't help the matter. They fell to Manchester 75-62, leaving Rose at 2-4 in the ICAC and 12-6 overall. The loss to Manchester was Rose's only home loss of the season, so with two more home

Rose's only home loss of the sea-son, so with two more home games in the next week, the team hopes to get back on their feet. The second round of the ICAC is beginning with Franklin on Wednesday, Rose will have anoth-er chance at the entire conference before the end of the season.

Grapplers at home

Last weekend the Rose wrestl-Last weekend the Rose wrestling team traveled to Chicago for the Elmhurst Invitational. The team as a whole did not fare well, but sophomore Jim Labbe made the trip worthwhile for himself. Labbe took fifth place in the tournament by defeating Tim Keaskowski of Lincoln College to claim fifth place in the tournament. Tonight several teams from the Elmhurst tournament will be visiting, as Rose hosts the Monon Bell Classic team tournament. The tournament is usually hosted by Wabash College alone, but this year the Engineers have been asked to share the honor. The tournament begins at 6:30 p.m. in Shook Fieldhouse.



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KEVI

for SGA President

Baseball team not satisfied

by Jim Broskow Sports Editor The 1992 Rose-Hulman baseball team surpassed anything its predecessors had accomplished. They ended the season with 25 wins, the most in Rose's baseball history. It was the first time the team participated in the NCAA Division III post season tourna-ment, and the first time the team was ranked at the end of the sea-son. The year ended with a loss to Ohio Wesleyen in the Division III

Midwes Regional in Marietta

"I hope we weren't satisfied with last year," says Coach Jeff Jenkins, who has an impressive 63-40 record in his three years at Rose-Hulman. "There's room for

Rose-Hulman. "There's room for improvement."

Despite the Engineers excellent play last year and their national ranking, they only finished third in the ICAC. They had no all-ICAC players on the squad.

The team lost MVP pitcher

Dave Gowans, and top batters Brian Schwager and John Sherrard, who graduated last spring. But the majority of the talented pitching staff from last year is returning, as well as some stong hitters. Seniors Tim Watson and Eric Mihal boasted ERA's of 2.41 and 2.33, respectively last season. Pete Kasper, all-ICAC as a freshman third baseman, returns to his original position after two seasons original position after two seasons at second base.

Rose-Hulman baseball

1993 Schedule			
Date	Opponent	Location	Time.
Sun., Feb. 28	Maryville (Tenn.)	Atlanta, Ga	10 a.m. (9 inn.)
Mon., March 1	Adrian College	Atlanta, Ga.	10 a.m. (DH)
Tue., March 2	Ohio Northern Univ.	Atlanta, Ga.	11 a.m. (9 inn.)
Wed., March 3	Oglethorpe Univ.	Atlanta, Ga.	3 p.m. (9 inn.)
Pri., March 5	Ohio Northern Univ.	Atlanta, Ga.	10 a.m. (9 inn.)
Sat., March 13	DePauw University	Terre Haute, Ind.	1 p.m. (DH)
Sun., March 14	Maryville (Mo.)	Terre Haute, Ind.	1 p.m. (DH)
Sat, March 20	Wabash College	Crawfordsville, Ind.	1 p.m. (DH)
Sun., March 21	Blackburn College	Terre Haute, Ind.	1 p.m. (DH)
Sat., March 27	Hanover College?	Terre Haute, Ind.	1 p.m. (DH)
Sun., March 28	Oakland City College	Terre Haute, ind.	1 p.m. (DH)
Sat., April 3	Wabash College	Terre Haute, Ind.	1 ptgn. (DH)
Sun, April 4	Univ. of S. Indiana	Evansville, Ind	1 p.m. (8H)
Tue., April 6	Earlham College	Richmond/Ind.	2 pm. (DH)
Sat., April 10	Manchester College*	N. Manchester, Ind.	1 p.m. (DH)
Sun., April 18	DePauw University*	Greencastle, Ind.	1 p.m. (OH)
Thurs., April 22	Anderson University*	Anderson, Ind.	1 p.m. (DH)
Sat., April 24	Washington Univ. (Mo.)	St. Louis, Mo.	1 p.m. (DH)
Sat., May 1	Franklin College*	Terre Haute, Ind.	1 p.m. (DH)
Tue., May 4	Eureka College	Eureka, III.	2 p.m. (DH)
Thurs., May 13	ICAC Tournament	Anderson, Ind.	TBA
Fri., May 14	!CAC Tournament	Anderson, Ind.	TBA
Sat., May 15	ICAC Tournament	Anderson, Ind.	TBA
May 20-23	NCAA Mideast Regional	TBA	no TRA out of Avid
May 27-June 3 * Denotes ICAC	NCAA World Series	Battle Creek, Mich.	LINE WATURES
Deliotes ICAC	Jan I I I I I I I I I I I I I I I I I I I	A STATE OF THE STA	2. 1. 1.

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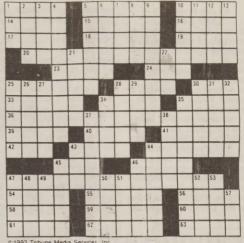
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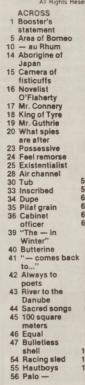






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