

Rose-Hulman Institute of Technology

Rose-Hulman Scholar

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THE ROSE THORN

Vol. 33, No. 10

Rose-Hulman Institute of Technology

Friday, December 5, 1997

Construction continues for new CTRI building

by James Tedrick
Thorn News Reporter

The campus continues its growth as the new parking lot north of Moench Hall is completed in addition to the buildings under construction on campus.

The parking lot is the last of new lots to be constructed, with approximately 115 spaces. The lot replaces the spaces lost from the Center for Technological Research with Industry (CTRI) construction and was "completed in about 3 weeks, with the final striping occurring over the break," said Wayne Spary, Director of Facilities and Maintenance for Rose.

The first of the two buildings to be completed will be the new Maintenance building. Currently, the foundations and footings are being poured for the structure, located to the north of the red barn.

Construction of the building will proceed quickly, involving prebuilt sections that will be transported to the site. The pieces are scheduled to arrive on January 12, and, by February 13, the structure will be completely enclosed. The structure will have block walls, a visual improvement from its predecessor that was demolished so that the CTRI building could be



Members of the Rose-Hulman and Terre Haute communities participate in the groundbreaking ceremony for the CTRI (L to R): Robert McLaughlin (operations manager of Ampacet, Inc., Terre Haute plant), Dr. Noel Moore (professor of chemical engineering), Jim Jenkins (mayor of Terre Haute), Dr. Samuel Hulbert, John Meyers (retired Indiana Seventh District Congressman), Michael Dean (SGA president), Guille Cox (Chairman, Board of Trustees).

constructed. The building will be finished on March 31, and the Maintenance department will move from its current location, one of the construction trailers.

The Maintenance building and CTRI will receive water from the line that is currently being constructed next to the parking lot.

This pipe will also supplement the water currently coming into Moench.

Construction on the CTRI building is also proceeding, though at a slower rate. Ground-breaking began November 7 at a ceremony attended by many, including former State Represent-

tative John T. Meyers, for whom the building will be named. Mr. Meyers, his wife Carol, and President Hulbert all shared in the ground-breaking among others.

The center will be a 40,000 square foot, two-story structure. It includes 17 low labs, several of which can be split into smaller

spaces, and four high bay labs. "It was designed to hold a minimum of 50 projects at any one time," noted Spary.

In addition to the laboratory space, the L-shaped building will contain three meeting rooms and an elevated floor presentation room that will accommodate roughly 100 people. There will also be a cubicle style office area.

The center is part of Rose-Hulman's effort to provide a project-based education. "It will house labs where our students will learn by developing and testing new products and processes," said Dr. Hulbert.

"Industry needs new engineers who can make an immediate impact and add value quickly to their company. By expanding its projects-based programs, Rose-Hulman is meeting the needs of its students and industry," commented Bob McLaughlin, operations manager of the Ampacet Corporation plant in Terre Haute.

Currently, the foundation for the center is being poured. The surrounding steel will be placed on February 16. The concrete floors will be poured on March 16th. Enclosure of the facility will start in mid-May and will be completed by late July. The center will be ready for student use in October of 1998.

Students express opinions for new Commons design

by Beth Bateman
Thorn News Editor

Students returned from the quarter break earlier this week and found a newly-remodeled Commons area with different furniture, including more tables. Despite the remodeling, many students find the new appearance of the Commons less enjoyable than the previous design.

Many students that were questioned expressed that they did not care for the new look of the Commons and did not like the new

arrangement of furniture.

Willie Korkki, a senior mechanical engineer, described the couches as "ugly" and commented, "There's not much room to walk [because of the furniture arrangement]."

Michael Harris, a sophomore electrical engineer, expressed concern about the new arrangement as well. "If one [large] group sits down [on the couches], there might not be enough places to sit," said Harris.

David Carnell, a senior mechanical engineer, also disliked the remodeling of the Commons, say-

ing that the couches are too hard, the new central table is too small, and there is less space to sit.

Although many comments about the Commons were negative, there were positive things said about the area. Harris liked the new appearance of the Commons, and many students liked the addition of the tables because they allowed more homework space.

In spite of the attempt to change the Commons to some extent, many students expressed the feeling that the original furniture arrangement was better. Kathleen Faulkner, a

sophomore chemical engineer, suggested that the sitting areas should be "more separated, like they were before." Carnell thought the Commons should be divided up to "make many smaller areas with [more] walkways and places to sit."

Remodeling of the Commons began shortly before Thanksgiving break and was completed during the break. The remodeling was the first major change to the Commons for a decade.

SGA recognizes student leaders

by Nick Hurlburt
SGA Publicity Director

The Student Government Association is proud to announce that Joel Gillespie has been chosen as the Student Leader of the Month for September. Joel is a senior chemical engineering major selected for this honor because of his efforts as resident assistant in addition to his work with the *Rose Thorn* as editor-in-chief.

Now in his second year as an RA, Joel has offered support and leadership to two classes of freshmen. In addition to his normal responsibilities, he was an important leader in the construction of this year's Homecoming bonfire. The countless hours he spent in making the bonfire a success illustrate his dedication to the Rose-Hulman community.

Joel is also responsible for producing a quality newspaper 30 times thus far into the school year. Since his freshman year, Joel has volunteered his time to the *Thorn* as a sports reporter as well as sports editor, and, now, is the *Thorn's* editor-in-chief.

SGA would also like to honor Alvin Bennett, the October Student Leader of the Month. Alvin is a senior chemistry major and has been selected for his work for Rose-Hulman through Alpha Phi Omega. Alvin is the president of this organization and has contrib-

uted immensely to its commitment to service at Rose-Hulman and in the Terre Haute community.

Alvin has led APO in several beneficial projects for people in the community. With the help of the APO organization he established a service learning program at Terre Haute South High School. As Vice President of Service, the chapter would often have at least two service project per week they were involved with. Now as President he continues his efforts. The Rose-Hulman chapter hosted the spring sectional conference for the fraternity, involving all Indiana chapters, during which he organized a mock disaster for the benefit of numerous emergency response agencies within Vigo County, including facilities on campus.

Alvin also leads the efforts with the new community service work-study program at Rose. At least fifty work-study students work in the community to help the needy. Alvin's service and leadership make him an exemplary student leader.

Student Leader of the Month nominees are chosen for their leadership in the Rose-Hulman community by a member of the faculty, staff, or student body. Each month the Student Leader is selected from these nominees by the SGA Executive Committee.



The previous design of the Commons was in place over a decade. Students expressed mixed feelings about the new design.

Thorn File Photo

December 6

Men's Basketball, California Institute of Technology, Hulbert Arena, 3 p.m.
(Broadcast on WJSH-AM 1300, 2:50 p.m.)

December 12

Women's Basketball, Hulbert Invitational, Hulbert Arena:
• Milwaukee School of Engineering vs. Worcester Polytechnic, 6 p.m.
• Rose-Hulman vs. California Institute of Technology, 8 p.m.

Today and Tomorrow

Friday, December 5—

- Final Date To Add A Class Computer Science Senior Projects Seminar, "Nortel," (Tom Hendrick, Troy Harriman, D. Thadd Austin and Gregg Busse), GM Room, 3:25 p.m.
- Rose-Hulman Men's Basketball Classic, Milwaukee School of Engineering vs. California Institute of Technology, Hulbert Arena, 7:30 p.m.
- Men's & Women's Swimming, at DePauw University Invitational/Wabash College Diving Meet
- Wrestling, at Little State Invitational, North Manchester, 4 p.m.
- Career Services Interviews: Rockwell International (Collins Air Transport Division)

Saturday, December 6—

- Fine Arts Series, The Tuba Ensemble (Indiana University), Moench Hall Auditorium, 7:30 p.m.
- Men's Basketball, California Institute of Technology, Hulbert Arena, 3 p.m. (Broadcast on WJSH-AM 1300, 2:50 p.m.)
- Women's Basketball, at Indiana Univ.-East, Richmond, TBA
- Men's & Women's Swimming, at DePauw University Invitational/Wabash College Diving Meet
- Wrestling, at Little State Invitational, North Manchester, All Day
- Rifle, Westminster College, Shootin' Match, 1 p.m.
- Catholic Mass, Performing Arts Room, 6 p.m.

December 8-13

Monday, December 8—

- Business Office/Administrative Services Holiday Brunch, Business Office, 9-11 a.m.
- Computer Science Senior Projects Seminars, "DADC Team," (Courtney Lewis, Bryan Dols, Matt Economou and Kyle Lewis), Kahn Room, 3:25 p.m.; "Software Artistry Team," (Alex Bonjour, Andrew Harrison, Josh Horstman and Richard Taylor), Kahn Room, 4:20 p.m.
- Career Services' Etiquette Dinner, Hulman Union, 5-6:30 p.m.
- Learning Center Supplemental Instruction Sessions: Physics II (Moloney), 0-157, 7:30-9 p.m.; Organic Chemistry II (Hessley, Allison & Ball), 0-259, 7:30-9 p.m.
- Career Services Interviews: Wells Electronics, The Geon Company

Tuesday, December 9—

- Hadley/Templeton Holiday Lunch, Lobby of Hadley Hall, 11 a.m. to 1:30 p.m.
- Explore Engineering, Moench Hall, 7 p.m.
- Men's Basketball, Brescia College, Hulbert Arena, 7:30 p.m.
- Women's Basketball, at St. Mary-of-the-Woods College, 7 p.m.
- Learning Center Supplemental Instruction Sessions: Calculus II (Rader), G-310, 7:30-9 p.m.
- Career Services Interviews: Eli Lilly & Company, Aisin USA Manufacturing

Wednesday, December 10—

- President's Administrative Council, Kahn Banquet Room, 8 a.m.
- Army ROTC Christmas Party, Faculty/Staff Lounge, 11:30 a.m. to 1:30 p.m.
- Computer Science Senior Projects Seminars, "Nortel," (Skip Franklin, Jeremy Anthony, Dax Scott and Robert Volz) GM Room, 4:20 p.m.
- Career Services' Etiquette Dinner, Hulman Union, 5-6:30 p.m.
- Concert Band/Chorus/Jazz Ensemble Holiday Concert, "Evening Of Music," Kahn Rooms, 7 p.m.

December 8-13(continued)

- Learning Center Supplemental Instruction Sessions: Physics II (Moloney), 0-157, 7:30-9 p.m.; Organic Chemistry II (Hessley, Allison & Ball), 0-259, 7:30-9 p.m.
- Career Services Interviews: Conesco Inc., Ford Motor Company

Thursday, December 11—

- Delta Delta Delta Candy Gram Sale
- President's Holiday Dinner, Vonderschmitt Dining Room, 8 p.m.
- Learning Center Supplemental Instruction Sessions: Calculus II (Rader), G-310, 7:30-9 p.m.
- Career Services' Etiquette Dinner, Hulman Union, 5-6:30 p.m.

Friday, December 12—

- Admission Office's On-Campus Visitation Day, Kahn Rooms, 1-4 p.m.
- Delta Delta Delta Candy Gram Sale
- Computer Science Senior Projects Seminar, "Cybo Robotics," (Phil White, John Brown, DeWayne Martin, Mike McLaughlin and Mark Strayer), GM Room, 3:25 p.m.
- Women's Basketball, Hulbert Invitational, Hulbert Arena:
• Milwaukee School of Engineering vs. Worcester Polytechnic, 6 p.m.
• Rose-Hulman vs. California Institute of Technology, 8 p.m.
- Wrestling, Triple Dual Meet, Sports & Recreation Center, 6:30 p.m.
- Swimming, DePauw University, Sports & Recreation Center, 6 p.m.
- Career Services Interviews: Cummins Engine Company

Saturday, December 13—

- Women's Basketball, Hulbert Invitational, Hulbert Arena:
• Consolation Game, 1 p.m.
• Championship Game, 3 p.m.
- Men's Basketball, Millikin University, Hulbert Arena, 7:30 p.m. (Broadcast on WJSH-AM, 1300, 7:20 p.m.)
- Women's Swimming, Webster University, Sports & Recreation Center, 2 p.m.
- Rifle, Engineer Junior Invitational, Shootin' Match, 8 a.m.

December 14-19

Sunday, December 14—

- Rose Family Christmas Party, Hulman Union, 4 p.m.
- Rifle, Engineer Junior Invitational, Shootin' Match, All Day

Monday, December 15—

- Men's Basketball, Eureka College, Hulbert Arena, 7:30 p.m. (Broadcast On WJSH-AM 13000, 7:20 p.m.)
- Career Services Interviews: Demaco Inc., Eli Lilly & Co. (Systems Group)

Tuesday, December 16—

- Women's Basketball, Elmhurst College, Hulbert Arena, 7 p.m.

Wednesday, December 17—

- President's Administrative Council, Kahn Banquet Room, 8 a.m.
- Men's Basketball, Illinois Wesleyan, Hulbert Arena, 7:30 p.m. (Broadcast On WJSH-AM 1300, 7:20 p.m.)

Thursday, December 18—

- Hulman Union Holiday Celebration, Kahn Rooms, 11 a.m. to 1 p.m.
- Delta Delta Delta Candy Gram Delivery
- Teleconference, "Action And Leadership," Peak Performance Expert Anthony Robbins, GM Room, 3-5 p.m.

December 14-19(continued)

- Women's Basketball, Lincoln Christian College, Hulbert Arena, 8 p.m.
- Friday, December 19—**
• Start of Holiday Break, 5 p.m.

After Break Events

- Dec. 29-30 — Men's Basketball, at Defiance College Tournament
- Jan. 5 — Winter Quarter Classes Resume, 8:05 a.m.
- Jan. 6 — Institute Meeting, Kahn Rooms, 4:30 p.m.
- Jan. 10 — Men's Basketball, Franklin College, Hulbert Arena, 3 p.m.
- Jan. 13 — Women's Basketball, Anderson Univ., Hulbert Arena, 7 p.m.
- Jan. 14 — Men's Basketball, DePauw Univ., Hulbert Arena, 7:30 p.m.
- Jan. 17 — Midterm Progress Reports, Registrar's Office, 11 a.m.
- Jan. 17 — Alumni Basketball Game, Hulbert Arena, Noon
- Jan. 17 — Men's Basketball Game, Hanover College, Arena, 3 p.m.
- Jan. 20 — Registration For Spring Quarter
- Jan. 20 — Women's Basketball, St. Mary-of-the-Woods, Arena, 7 p.m.

Submissions To Campus Events

Events may be published in *Campus Events* by any organization or individual. Information on club meetings, lectures/speeches, and athletic events, including announcements of times and locations may be submitted to *Campus Calendar*, in care of Dale Long, associate director of communications, at Box 14 or extension 8418. More detailed articles containing plans, agendas, and specific information should be submitted to the *Rose Thorn*.

All submissions must be made by Wednesday, at noon, in order to be published in *Campus Events* in the *Rose Thorn* on Friday.

The Admissions Office is looking for students to serve as overnight hosts for prospective students. If interested, please stop by the Admissions Office in the front of Moench Hall or call x8213.

Your club looking to advertise? Place an inexpensive ad in the Thorn! If interested, call x8255

Aerial Robotics to make major equipment upgrades

More challenging future contest specifications make enhancements necessary

by Kevin Kaminski
Thorn News Editor

SGA recently approved a \$9,000 funding request to the Aerial Robotics Club (ARC). ARC needed the funds in order to purchase new equipment to prepare for their annual competition.

Friso Schlottau, project leader for ARC, explained that recently the contest rules were dramatically changed. This created the need to obtain different equipment. ARC borrows some of their equipment and has some sponsors. However, the supplies are quite expensive, so additional funding was required.

Last year the contest scenario was a toxic waste dump. The targets were black barrels which were labeled with one of three warning stickers: a radiation warning, a bio-hazard warning, and a danger warning. The goal was for the computer to determine where the barrels were located within 1 meter and which sticker was on the barrels. This task had to be completed without human intervention. On one barrel was a metallic disk, which the machine must pick up. The disk represented a sample of what was in the barrel.

New rules for the contest were established for 2000. Since the contest will change so dramatically, the change is incremental. The contests in 1998 and 1999 are elimination rounds that lead up to the 2000 contest.

The new contest field is 5 acres. The scenario is again a simulation of a disaster scene. The vehicle must fly by itself and locate within 2 meters the same barrels as before. However, additional targets like corpses, survivors, and fires must also be identified. The data must be fed back real-time; no post-processing is permitted.

Schlottau said the fires may be a small chemical fire that produce a lot of smoke or a large fire to simulate a gas main explosion. The fires contribute to making the contest scenario more like a real-life situation.

Dummies will be used to represent people. According to Schlottau, the survivors may be heated or water-coated to simulate a real-life situation. To aid in identification, the survivors will make some kind of sound and will wave an arm. Corpses will not have any such distinguishing features. To make things more challenging, survivors may "die" after some time has elapsed.

Schlottau said teams must accrue a certain number of points by the year 2000 to participate in that year's contest. In the 1998 contest, the focus is on identifying particular targets, not on actual recovery. Points can be obtained by doing such things as correctly identifying a survivor and locating them within 2 meters. Points may also be deducted as a penalty for doing things such as incorrectly identifying a body as a corpse when it is a survivor.

The Rose-Hulman team used a helicopter as the vehicle for the contest. The remote-controlled helicopter used was about 6 feet long, 18 inches high, and weighed

about 20 pounds. It had a 10 cc engine with a 2 horsepower motor. The team was able to get the helicopter to lift an additional 10 pounds.

On board the helicopter is a 486-100 MHz processor, radio modem, a black and white video camera with video link, differential global positioning system (GPS), and an

more powerful. Schlottau explained that the new helicopter will be able to lift 20 pounds with no difficulty. For that reason, the 10 pounds of equipment that must be attached to the helicopter will not pose a problem, as it would have with the previous vehicle.

In addition, different batteries must be purchased. Since the new field is so much larger, the previous batteries would not last long enough. The team hopes to make other improvements to the helicopter by borrowing equipment and obtaining sponsorships. For example, a new Attitude and Heading Reference System was obtained on loan from a

equipment is very expensive. The GPS the team purchased last year cost about \$8,000 after a discount of nearly half the price. The system the team is hoping to borrow would cost about \$37,000 if purchased.

The contest is sponsored by the Association for Unmanned Vehicle Systems (AUVS). It is an international competition. Schlottau said the contest rules specify that the vehicle must use the atmosphere for lift. Some teams use helicopters, while others use blimps or more creative designs. On average ten teams show up while about 20 express initial interest, Schlottau explained. The contest dates back to 1990 and is held in mid-July at the Epcot Center in Florida.

Last year, the team earned fifth place in the contest.

Schlottau said some people are discouraged from joining the club because they think they don't know enough to participate. Schlottau remarked, "If people are interested in learning about this stuff and have a work ethic, then they are more than welcome." To find out more information, people may visit the ARC web page at <<http://www.rose-hulman.edu/arc>>.

Schlottau estimated there are about 35 people in the Aerial Robotics Club. People that would like to join the club are urged to call Schlottau at x8710 or to talk to Dr. Wayne Padgett, the faculty advisor. Meetings are held on Thursdays at 7:00 p.m. in room B106.



The helicopter for the Aerial Robotics Club flies at the competition held last

Photo courtesy of Friso Schlottau

Attitude and Heading Reference System.

On the ground, a Pentium Pro 200 MHz is used to do image processing with a video card using a receiver for the video link. The ground station also has a radio modem. A GPS system is used in the ground computer as well. The radio modems are used to communicate between the helicopter and ground station and facilitates greater accuracy with the GPS.

Schlottau said about half the money from SGA is being used to purchase a new helicopter. The helicopter will be the same size as the previous one, but the engine is

sponsor, Watson Industries.

In addition, a Global Positioning System is used. Schlottau said the team is currently using a GPS design that is accurate to less than 20 cm. However, the team is hoping to borrow one that is accurate to less than 2 cm.

Schlottau explained that such

Model UN members attend conference over fall break

by Thu Vu Pham
Thorn News Reporter

The Rose-Hulman Model United Nations team recently had another chance to represent the world at a conference in Philadelphia, Pa. Between November 20 and 23, while most Rose students were home for Thanksgiving, five members of the Model UN team were invited to represent Sri Lanka at the University of Pennsylvania's Model UN Conference. The members included Anna Witaszczyk, Matt Youngs, Bryan Evenson, Michael Black, and Marina Mondello.

The Rose team went head to head against major schools such as MIT, Harvard, Penn State, West Point, and even some Canadian schools. "This was the first time [Rose's Model UN team competed] against large, Ivy-league schools. That was interesting," said Witaszczyk.

The topics discussed ranged from subjects like agricultural technology and science to international crimes such as computer crimes and conduct of public officials.

Model UN is a simulation of the actual United Nations. At conferences like the one in Philadelphia, each team is pre-assigned a country to represent. The team must

then research information pertaining to their assigned country. At the conference, a series of world problems are presented to the team. The team members are sent to difference committees to write resolutions that would benefit their representing country while solving the world problem. After the resolutions are written, the committees meet to decide on the best course of action to recommend.

"It is important to know what the country's point of view is and not what you personally want," explained Youngs.

Knowing the country's stance on important issues and keeping personal views from the bargaining table are the several intricacies involved in Model UN. For the Rose-Hulman team, Model UN is a wonderful chance to learn about other countries and the motives behind their actions.

This is the second conference that the Model UN members attended this year. Several members also attended a conference at Butler University in Indianapolis on November 13 to 15.

According to Witaszczyk, many delegates attending the Philadelphia conference came to the conference as a grade requirement for a class they were taking at their school. Their grades depended on how well they performed at the

conference. Witaszczyk said she likes to attend these conferences to see how these people react under pressure.

"We're there to have a good time. [Students with a grade dependency] get really uptight. They're not willing to compromise and nothing gets done...then they really freak out," commented Witaszczyk.

"We're unique at almost all those conferences," agreed Cornelius.

The Model UN team members that traveled to Philadelphia agree that the trip was a good experience for them.

"We met a lot of interesting people. This conference was well organized," said Witaszczyk.

The positive experience at Philadelphia has prompted the club to plan to attend another conference next year in St. Louis where they will represent Brazil. Unfortunately, traveling to the Philadelphia conference has drained a large amount of money from the club's funding. The club is hoping that SGA or Rose could help increase the club funding so they can send all members to the conference.

For anyone who are interested in becoming a Model UN member, the club meets every Wednesday at 6:30 p.m. in A202.

Peace Corps

Information Session

Where: WORX

When: Monday December 8, 5:00 pm.

Bring your questions
and your dinner!

RPCV

(Returned Peace Corps Volunteer)

Karen DeGrange

Call x 8285 if you can't make it
but you are still interested.

Rose musicians to give free concert

by Josh Horstman
Vice President of Rose Band

The Rose-Hulman Concert Band, Chorus, and Jazz Ensemble will be presenting a free concert on December 10. The concert will be at 7:00 p.m. in the North Room of the Union and will include Christmas-related pieces as well as other arrangements.

The concert band consists of approximately 25 students and faculty and will be under the direction of Gary Turner. The program will include an arrangement of "Oh, Holy Night" as well as classical

works by Bach and Vaughn Williams.

Under the direction of Jeff Bounsall, the chorus will sing Christmas arrangements including "Joy to the World" and "Carol of the Bells." The show will include numbers performed by smaller groups as well as the full chorus of roughly 20 students.

The Rose-Hulman Jazz Ensemble will play a variety of traditional jazz, including pieces by Sammy Nestico and Henry Mancini. The Jazz Ensemble will be directed by David Nearpass and includes roughly 20 students.

Community Spotlight: Headstones, Graveyard for old CDs?

Travis Holler
Thorn Columnist

After my first summer job and my first real earned money, I'd become accustomed to buying a CD at least once a week. Unfortunately, though, with college comes responsibility, or more appropriately, a lack of spending money. For me, however, the music fix must be filled, and with savings on the mind, what better place to go than a used CD shop.

Headstone Friends, or Headstones as it is known around campus, is just the sort of place to fill the musical void that a lack of personal funds has caused. Headstones is a place where nearly every music fan can find something to wet their musical appetite. Plus, their eclectic mix of new and used items make music affordable to the college student.

Strolling up the walk to the store's entrance, the shop seems more appalling than appealing. With a veritable rainbow of painted colors strewn all over the outer wall, skepticism immediately rolled into my mind about the quality of the store within. However, when first appearances are thrown aside and the customer enters, they are more apt to find Headstones a small, but a good store that serves its purpose well.

Just taking a walk through the aisles

is a trip through the past. Where else will you find a used Debbie Gibson CD for under ten dollars (oh, sorry was that out loud?). Anyway, the selection is much better than expected. Although there are a few Tiffany's and Menudo's thrown in, the bulk of Headstones' selection is from quality bands that students today would actually want to listen to.

After trying my luck in the used CD department, I headed into the black light room. Here, in a room not much larger than a dorm closet, is a larger selection of black light posters than could be imagined. With floor to ceiling covered and more on poster boards along the walls, this area is a great place for any black light owner to visit.

As I continued my journey through the store, I ventured through the new CD section. All the CD's in this area are locked off, while their used counterparts had not been. This is probably because an unopened, mint condition New Kids on the Block CD is worth much more than a used one. Also mixed into this area are clothes, new and used cassettes, and vinyl records.

Turning around to head for the checkout counter, I passed a large collection of used videos. I caught sight of a few copies of Ace Ventura with Wayne's World, Bill and Ted's Excellent Adventure, and other such

comedy "classics." Unfortunately, the less-than-stellar group was made up mostly of movies like "The Flintstones" (did anyone actually pay to see that?) and "Batman Forever." But, as used videos go, it was a wide selection and, for seven dollars, do you really expect to be able to buy Friday or Pulp Fiction?

Nearing the checkout, I looked down through the glass case to see a wide variety of necklace-type charms. Several looked cool, but others, most noticeably one replicating the "Stars and Bars," were not shop-worthy.

As I finally reached the cluttered shop counter, I looked down and realized that I had "hit the mother lode." Three shelves full of raggedy, old Nintendo Games. Although I no longer own the actual system, other people in the dorm do, and I'd gladly fork over a few dollars to play Super Tecmo Bowl again. Alas, none of my old favorites were to be found, but they could be there, next time.

All in all, Headstones is more than just a cemetery for someone's trashy music, as their quality of selection should prove. It lets the college student have a place that he can find quality sounds for quality prices. But, it also offers the customer a chance to reach back to their past, as I had with the Nintendo games, without reaching too far into their wallet.

The Commons: New and Improved

Kenneth Patricio
Thorn Columnist

What's this? What happened to the Commons? That was what I asked myself when I took my first step into Moench Hall this quarter. I was aware that the Commons was under construction, and the removal of the checkerboard would be another anti-tradition move by the administration. However, I did not believe that the space available would be drastically reduced. I had the incorrect notion that the checkerboard was being taken out in order to have more seating space. The sight I was greeted with was quite contrary to that.

The old seats were quite comfortable, perfect for a between class nap. The new ones by no means meet those standards. Three or more people could pile onto the seats near the windows before. Now only one or two can fit on the chairs which took their place. The "large" table in the middle will be primarily a footrest, unless this is discouraged by the uncomfortable seats.

I thought to myself, "Well, what's done is done. We might as well make the best of the situation." To these ends, I decided to try to improve on the design and free up a walkway to the mailboxes from

Crapo. Much to my surprise, the seats were connected to each other and the tables. I had at first thought that one of the benefits of the new design was that it would be much easier to adapt. This proved otherwise. The more I investigated the design, the less sense it made to me. I learned that the new design was presented at an SGA meeting earlier in the year. During this meeting many suggestions were given about what should be changed in the arrangement. Apparently, the design was not changed and the input was not used.

I am for change in most circumstances. However, I am of the opinion that traditions are not meant to be changed. The hypnotic spires and checkerboard were more than a place to hang flyers and do homework on to me. They were what gave the Commons its character and feeling. To me, the Commons wasn't where the checkerboard was, it was the checkerboard that defined the Commons.

This to a lesser degree, is another anti-tradition decision by the administration, following last year's attempt at ending the bonfire. Change is good when it deals with

(continued on next page)

The Rose Thorn

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Terre Haute, Indiana 47803-3999
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"Working to keep the Rose-Hulman community informed by providing an accurate and dependable source for news and information."

The Rose Thorn is published on Fridays at
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The Rose Thorn welcomes letters and comments from its readers. We request that all letters to the editor be less than 300 words long. The editors reserve the right to edit letters for grammar, clarity and length (if over 300 words). All letters to the editor must contain the writer's signature, class year and phone number. All submissions will be confirmed before publication. Letters may be sent by electronic mail to Thorn@Rose-Hulman.Edu, but still must contain the writer's phone number for confirmation. For prompt publication, letters should be typewritten or printed by computer. All letters for an issue of the Thorn must be received before noon on the Tuesday prior to publication.

We would like to remind our readers that the views expressed in the Thorn do not necessarily represent the opinions of anyone other than the original author.

Web Page: <http://www.rose-hulman.edu/Users/groups/Thorn/HTML/index.html>

Rose-Hulman Horoscopes



Libra (Sept. 23 - Oct. 23)

I have no idea what you'll be doing over the next few weeks, but it will most definitely involve chicken wire and dancing on picnic tables. That's the way you'll get around in life from now on.



Scorpio (Oct. 24 - Nov. 21)

Buy plenty of Cheez Whiz the next time you visit the grocery; you never know when your neighbor will ask for some. Actually, you'll never know why either. Nevertheless, your number this week is...



Sagittarius (Nov. 22 - Dec. 21)

Going Christmas shopping this season. Try going through the mall, I hear the new Oldsmobiles are in. They should have the ever-popular Miss Piggy in stock, too.



Capricorn (Dec. 22 - Jan. 19)

Thinking about going to get some soul food this weekend? Try the white toast, dry. Also, the chicken is good. But you better think (think!), think about what you're trying to do to me.



Aquarius (Jan. 20 - Feb. 18)

If you run out of things to do this week try dancing in the street, or maybe buy a new piano. I hear that they're on sale at Wal-Mart. While you're there don't forget to pick up some milk and butter.



Pisces (Feb. 19 - Mar. 20)

They say that happiness is hiding around every corner. Well what do they know? If you want to know my opinion I think that it's monkeys hiding there. They can be sneaky you know.



Aries (Mar. 21 - Apr. 19)

Stay away from phone booths this week. A friendly squirrel will try to persuade you to eat some walnuts, but don't fall into her evil trap. She just wants you to covet her delicious nut selection.



Taurus (Apr. 20 - May 20)

Don't fall off a bridging you're in a car, because you'll hurt yourself. However, if you're with someone you love, you should let them know. Also, watch out for the Sears Tower.



Gemini (May 21 - June 21)

Treat yourself to some expensive dining. However, playing with your food is not advised. Playing with others' food is, so be happy. Try not to disgust your neighbors with your vulgarity.



Cancer (June 22 - July 22)

This Monday you'll need to buy a full tank of gas, a half a pack of cigarettes, and some sunglasses even if it's dark. You should get some of them french fried taters too



Leo (July 23 - Aug. 22)

When problems arise, postulating theorems and formulating equations is your only way out. Driving through a mob of Nazis will help you relieve some of the stress that you're dealing with.



Virgo (Aug. 23 - Sept. 22)

I see a big move in your future. Whether that's to another town or on the dance floor I can't tell you. I suggest you pack your bags and practice your break dancing to cover both possibilities.

The dating game in the world of Rose-Hulman



Kent Bye

Thorn Columnist

which define beauty. Just think of all of the gorgeous supermodels, actors, and actresses who have built an entire career with their beauty as the foundation.

Generally, everyone has dreams of hooking-up with either a "pure stud" or a "gorgeous babe." Being an attractive person will get your foot in the door, but relationships based solely on looks usually don't last. There has to be something inside to back it up. It's hard for those who have all good stuff of the inside but lack an outside package to promote it.

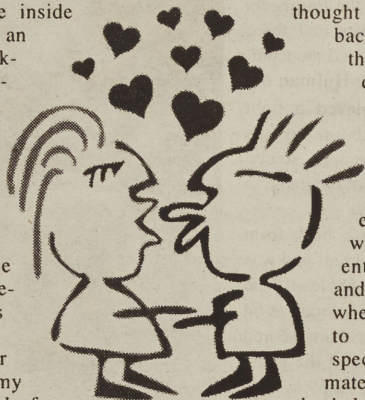
I can speculate whether or not I would have received the same response as this particular visitor if it was my body instead of his. I'll really never know until I get into the batter's box and start swinging. The problem is that like so many other people, I'm trapped in this vicious cycle of self-doubt and poor self-image.

It is like trying to compete in the major leagues when you believe that you're only a minor league pinch hitter. After a couple of strike outs, the fear of rejection is so powerful that it

keeps me planted on the dugout bench.

I've been at this school for over three years now, and the one topic that still dominates my mind over any other subject is women. Women continue to consume my thoughts even though I'll be gone in six months and my motivation for women has changed. Making female friends to keep my sanity is now more important to me than getting a steady girlfriend.

Thoughts of graduating have crossed through every senior's mind, and it is a scary



thought for both bachelors and those who are dating. The relationship's strength must be evaluated for those who are presently dating, and questions of where and how to meet a prospective soul mate arise for the bachelors and bachelorettes going out into the "real world."

Rose-Hulman has not been a conducive environment for hooking-up. The men-to-women ratio has improved from 100:1 down to 6:1 in the time that I've been here.

I've had plenty of thoughts of how things could have been different if I'd gone to a different college. I could have gone to a place with five women for every

man, but it is so hard to say how things would have turned out better.

Every time these "what if" questions come up, I immediately think of writing for the newspaper, joining a fraternity, playing tons of intramurals, and making hundreds of friends.

These are all things that I may have missed out on somewhere else, and it is hard to say how much my social life would have been improved.

In my opinion, Rose is a better place with women walking around than when it was all-male, even though they do provide an added distraction. But it is a good distraction compared to the depression men went through weeks at a time without seeing a female of their own age. You don't realize how much you appreciate simple visual stimulation until it is taken away.

When I was a freshman, my visual and auditory responses to women were amplified from being deprived of their mere presence. I could hear a female's voice from two floors away as I sat in my room on the third floor.

As soon as women enrolled on campus, I saw the personal hygiene improve, the tension and depression levels drop, and overall the campus was much more upbeat and pleasant.

Rose women are superstars. There probably never hasn't been or never will be another time in their lives that they will receive so much attention. This is great for them, but it sucks for the guys. For the guys searching for a girlfriend, my advice is to not rely on the pool of women here at Rose. Make as many friends as you can because you can be single at Rose without being completely lonely.



Is Money Tight?

Design A New SGA Logo
All Students Are Eligible

- 1st Prize - \$50
- 2nd Prize - \$25

Submit Entries on an 8.5x11 Sheet
May Submit More Than One Entry
Send To Box #1517

Entries Must Be Received by Friday, Dec. 19

New and Improved

(continued from previous page)

improving upon the past. However, when change occurs which pays no attention to the past, it needs to be thought. We should learn from the past and adapt what we've learned. Sometimes it is necessary to start all over, but even in those cases, it is necessary to consider the past.

Going coed was also of course one of the other breaks in tradition this school has gone through recently. I was not here before the women arrived, however I have talked to many who were here then. From my impressions more people wanted to remain male only vs. going coed. I personally have nothing against girls being here, and frankly, I probably wouldn't be here if Rose wasn't coed. However, it seems like the administration felt they knew what was best while they got feedback from alumni and current students, they chose to ignore it.

The only plus to the new design is that there is a more table space along the windows, but at what expense? This seems to be another indication of how the administration is too caught up with changing things. Laptops and the SRC (for those not in roller-hockey) are changes for the better. These changes are necessary to keep Rose in the forefront of our nation's universities. However, more thought needs to be given as to whether the changes will make Rose a better place.

COLLEGE GRADUATES

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Engineers open Hulbert Arena with a victory

by Peter Anderson
Thorn Sports Editor

The Rose-Hulman men's basketball team is entering its final season in the ICAC and its first at Hulbert Arena. Three starters - junior guards Bryan Egli and Joe Puthoff and sophomore guard Patrick Grace - and 13 varsity lettermen return to take the court for the Engineers.

"Our goals, as always, are to win championships and do our best in the NCAA tournament," head coach Jim Shaw said. "Those goals don't change much."

"Winning the ICAC this final go-around would be a great accomplishment, but being the last year in the conference doesn't have near the value as just competing at such a high level."

Missing are graduates Troy Halt and Kent Murphy. Murphy, however, is helping out on the sidelines, as a student assistant coach.

"We're struggling replacing those two guys [Halt and Murphy], but we're struggling in more areas than that," Shaw said. "The nature of college basketball is cyclic. Guys can only play for four years, so you have to get other guys ready to step in."

Next year, Shaw will have to replace the two seniors on this year's squad - guard Todd Burch and forward Joel Jansen.

"Our seniors have a great responsibility in terms of leadership, and no one on our team outworks or cares more than our two seniors," Shaw said.

The Engineers hope to win games the way they have in the

past - by defense and dominating the boards.

"Our emphasis is not quite reflected right now with what we're good at," Shaw said. "We have established a reputation as being very good defensively and on the boards. When we've played well offensively in addition, we have had great success. This year's team has yet to win games defensively and on the boards while waiting for the offense to shape up."

However, Shaw believes this team also has the ability to perform well offensively.

"I think this has the potential to be a very dangerous shooting team - a team that can cause people some problems, particularly on the perimeter," Shaw said.

But it is by defense and rebounding that Shaw expects to win.

"We've got to get back to winning games defensively and on the boards," Shaw said. "If we do that, I like our chances on most nights."

The team won its home opener yesterday to improve to 2-3 and will try to reach the .500 mark Saturday when they play California Institute of Technology. The Engineers face Brescia College Tuesday.

The win comes following a three game skid after winning the season opener at Centre College. **Rose-Hulman 82, MSOE 48**

The Engineers scored the first 10 points in Hulbert Arena, as Rose-Hulman shot 64 percent from the field in the first half as they took a 52-23 lead over Milwaukee School of Engineering into the locker room. Although

they cooled off considerably in the second half, they were able to maintain their lead and win by a final of 82-48.

Junior Bryan Egli and sophomore Jason Kaiser led the team with 19 points, and juniors Sam Johnson and Matt Millington added 10 points each. Kaiser and senior Joel Jansen pulled down six boards a piece to pace the team as the Engineers dominated the boards 44-36. Sophomore Patrick Grace aided the Engineers cause with six assists and three steals, both of which led the team. **Blackburn 72, Rose-Hulman 69**

The Engineers played a tight game against Blackburn, but was unable to notch the win, scored the last three points of the game to claim the win, 72-69.

Rose-Hulman come back from a 34-28 deficit at the half and was able to build a 43-38 lead. The game would later be knotted at 64 and 69 before Blackburn scored the final three points of the game to claim the victory, 72-69.

Egli led the Engineers with 22 points, and junior Joe Puthoff added 14. Johnson led the team with eight rebounds.

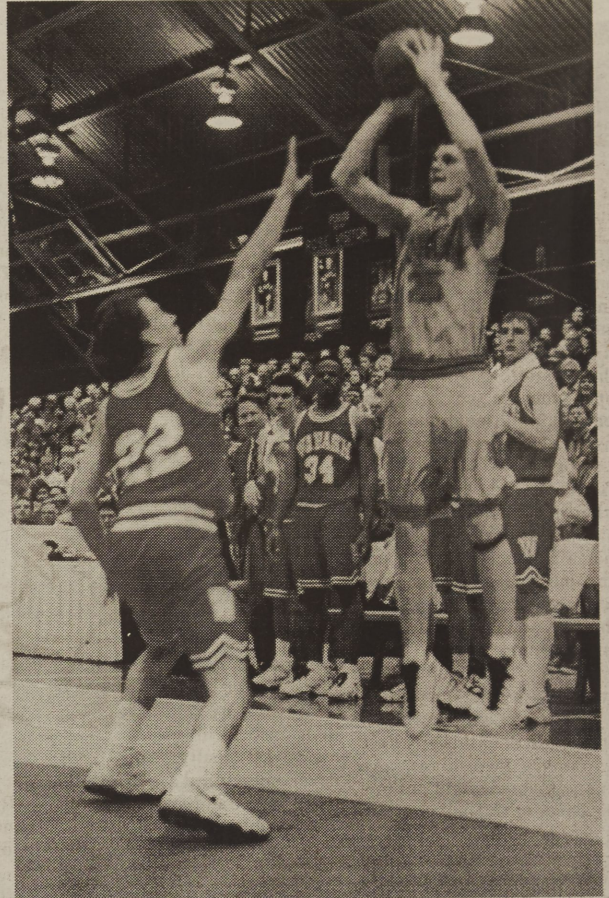
Elmhurst 55, Rose-Hulman 40

Rose-Hulman shot only 35 percent from the field and were dominated on the glass 39-22 in the loss. Both teams entered the second half tied at 24, but the Engineers were outscored 31-16 in the second half.

Egli led the team with 12 points, and Johnson and Puthoff added eight points each in the loss.

Aurora 86, Rose-Hulman 69

The Engineers struggled offensively, shooting 38.6 percent,



Junior Bryan Egli shoots over a Wabash defender in the last regular-season home game at Shook Fieldhouse last season. Egli currently leads the Engineers with 19.4 points per game. Photo provided by Darin Bryan

while Aurora hit 51.5 percent of their shots. Egli led Rose-Hulman scorers with 17 points, and Jansen and Millington scored 13 points apiece.

Rose-Hulman 69, Centre 61

Rose-Hulman opened the season with a victory, led by Egli's 27 points. The Engineers jumped

out to a 27-6 lead and led 33-15 at the half.

Rose dominated Centre on the boards, outrebounding them 49-31. Jansen pulled down nine boards to lead the Engineers and scored a career-high 15 points. Puthoff led the squad with six assists.

Fall Sports Wrap-Up

by Joel Gillespie
Thorn Sports Reporter

Football

The Rose-Hulman football team ended their season with a record of 3-7 for the second straight year. The Engineers lost their last two games of the year: 47-20 to Hanover in the home finale, and 21-0 on the road at Washington (St. Louis) in the season-closer.

Sophomore Ricky Arnold shone in the Washington game, rushing for 150 yards on 27 carries. On a cold and windy day in St. Louis, Rose couldn't break any big plays against the Bears' defense, and were shut out for the first time this season.

Senior cornerback Tony Hinkle intercepted two passes, which helped Rose avoid getting blown out. Junior linebacker Bryan Hagelskamp led the team in tackles for the sixth consecutive game with 11.

Rose finished fourth in their final season of membership in the Indiana Collegiate Athletic Conference, compiling a con-

ference record of 2-4. Four Engineers were first-team all-conference: Hagelskamp, Tony Hinkle, sophomore defensive tackle Jon Hulsman, and senior offensive tackle Ryan Summers.

Three players made honorable mention all-ICAC: senior linebacker Curtis Craig, freshman wide receiver Jon Harris, and sophomore quarterback Eric Hyten.

Hagelskamp and senior offensive tackle Nathan Subbert were named to the first-team GTE/CoSIDA academic all-district football team. This was Subbert's second year on the all-district team, after being named to the second team last season. Both players have the opportunity to be named to the academic all-American team.

Hyten finished the season with 734 rushing yards and 1550 passing yards. Arnold finished with a flourish in his last two games to end the season with 411 yards on the

ground, and sophomore Andy Effinger was close behind with 368 yards.

Harris set a freshman record with 53 catches for 655 yards and five touchdowns.

Volleyball

In their second season of competition, the Rose-Hulman volleyball team finished with an 11-18 record. The Engineers hosted the end-of-season ICAC tournament, and were eliminated in the first round by DePauw, 15-12, 15-7, 15-5.

Freshman Brooke Enochs led the team with nine kills and four blocks. Sophomore Beth Nixon had seven kills, eight digs, and three blocks, while freshman Jenny McGuire had ten assists.

Rose finished in fifth place in the ICAC, posting a 1-4 conference record.

Enochs led the team in kills, with 298, and blocks, with 143. Nixon blasted 287 kills on the season, and led the team in hitting percentage at .295.

McGuire led the team in assists, with 478, followed by sophomore Kate Buchanan, who had 329.

Soccer

After a disappointing season, the Rose soccer team advanced to the semifinals of the ICAC tournament before being eliminated by Wabash, 2-1.

The Engineers fell behind, 2-0, and senior Andy Zehnder added a goal with less than one minute remaining on an assist from freshman Harold Plance.

Rose advanced to the semifinals following an upset of Anderson in the first round, by a score of 1-0.

Rose finished the season with a 5-13-1 record, including a 1-4-1 mark in conference play. Their sixth-place finish in the ICAC was their lowest in several seasons.

Freshman Kyle Kindle led the team in scoring, collecting eight goals and five assists for a total of 21 points. Sophomore

Neil Kaszubski was second, with five goals and five assists for 15 points. Senior Bo Fowler, who was named to the all-ICAC team, had four goals and five assists, good for 13 points.

Junior goalkeeper Matt Toppin had a goals-against average of 1.42, and completed two shutout games.

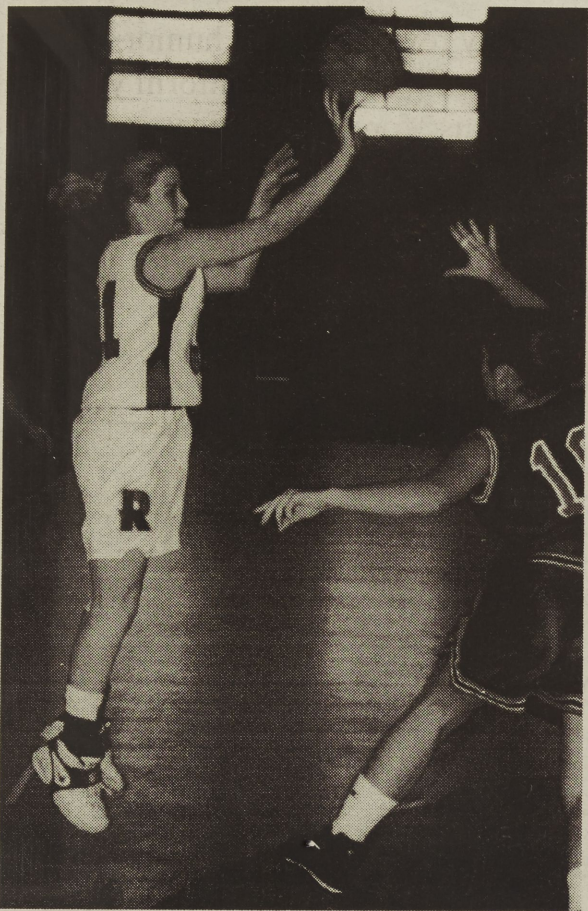
Cross Country

On a cold and miserable day at the Bird-Gibson course south of Seeleyville, the Rose-Hulman men's and women's cross country teams struggled in the NCAA III Great Lakes Regional, held on November 8.

The Engineer men finished 24th in a 25-team field, with a team score of 686. Calvin (Mich.) College won the meet with a score of 55. Rose's women finished 25th out of 26 teams with 769 points. Calvin also won the women's meet, with a score of 60.

Both teams finished ahead of Defiance College of Ohio.

Women vie for Clabber Girl Trophy Tuesday



Junior Amanda Speich shoots it over the outstretched hands of a defender. Speich is leading the Engineers with 16.3 points and 6.3 rebounds per game. Photo provided by Darin Bryan

by Don Cole
Thorn Sports Reporter

The Rose-Hulman women's basketball team started off the season with two losses before gaining their first win against Chatham college over the break.

They enter Saturday's contest against Indiana University East with a 1-3 record following their loss at Earlham this past Monday. They also have an upcoming game at St. Mary-of-the-Woods Tuesday for the Clabber Girl Trophy.

"We are still looking for the right chemistry and the right combinations," first-year head coach Brenda Davis said. "We beat ourselves at the Carnegie Mellon tournament, but played much better at Chatham. We should know a lot more about what kind of team we have after the two games in Richmond this week."

Earlham 69, Rose-Hulman 53

Rose-Hulman led for four and a half minutes of the first half, but a nine minute scoring drought in the first half was too much for the Engineers to overcome, as they lost on the road to Earlham 69-53.

Rose was down 40-22 at the end of the first half, but surrendered a 10-0 run to Earlham to

start the second half, putting the game out of reach.

"We played well in spurts," commented Davis. "But you can't just play well in spurts and beat many teams."

Junior Amanda Speich, who scored the only baskets of the first-half nine minute drought, led the team in scoring with 17 points. Juniors Holly Krumbein and Bessie Fulk got into to double digits as well with 11 and 10 points respectively.

Both Krumbein and Speich were active on the boards, getting 7 rebounds each, while freshman Jessica Huggins produced 6 rebounds in just 17 minutes of action off the bench.

Freshman Amanda Rice led the squad with three assists and Krumbein led with six steals.

Rose-Hulman 75, Chatham 32

The Engineers set school records for fewest points allowed (32) and largest margin of victory (43) in picking up their first win of the season Nov. 24.

"We did a nice job shooting the ball tonight, and did a better job with the little things - the fundamentals," Davis said.

Four Engineers reached double-digit points in the victory. Speich led the team with a sea-

son-high 22 points and 10 rebounds. Rice scored 12 points and set a single-game record with nine assists. Fulk had 12 points, nine boards and six assists, and Krumbein added 10 points

The Engineer's started the season at the Carnegie Mellon tournament, where they dropped both games. Speich was selected to the All-Tournament team, averaging 13 points and four rebounds per game.

Carnegie Mellon 58, Rose-Hulman 39

Rose-Hulman was unable to come back from a 37-16 half-time deficit in the opener. Speich led the team with 14 points and added five boards, while freshman Tarelle Van Dyk scored nine points and pulled down seven boards in her Rose-Hulman debut. Sophomore Mandy Gray was 4-4 from the field, scoring eight points and grabbing seven rebounds.

Marietta (Ohio) 76,

Rose-Hulman 47

Speich led the Engineers in scoring once again with 12 points, but they fell to Marietta 76-47 in the consolation game. Krumbein added eight points and three rebounds, and Huggins scored six points and three rebounds in 11 minutes off the bench.

Classified Advertisements

ANNOUNCEMENTS

Ski trip to Leadville Colorado, March 2 to 6. The 14th annual Rose-Hulman ski trip is now organizing. All students, faculty, staff and families are welcome. The cost is \$450 per person which includes 5 days of lift tickets and ski rental, hotel room for 5 nights, and 4 evening meals. \$100 nonrefundable deposit due December 18, balance due January 29. To sign up or to get additional information see Dr. Ditteon, CL108, x8247.

Attention Graduate Students: SCAMPS-Christian Campus Ministry, is offering a Bible study for graduate students. It will meet Friday night at 5:30. Call Mark Calhoun at 877-9353 or the SCAMPS house at 232-6853 for more details. Mount Pleasant United Methodist Church. Aaron Wheaton, Pastor. Sunday worship ser-

vices 8:30 and 10:45. Sunday school 9:55. Located 3092 E. Davis Drive -- just south of the Margaret Ave. and 25th St. intersection. 232-4808

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Stanley Home Products Representative Wanda Eaton 448-1879 or Scharpenberg Hall x8266

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The Rose Thorn offers classified advertisements less than 30 words free to Rose-Hulman students, faculty, and student organizations. For submissions of more than 30 words, each additional word is \$0.10.

All other classified advertisements are \$3.00 for the first 30 words and \$0.15 for each addi-

tional word. Payments must be made in advance; corrections at our expense first week only.

The Rose Thorn reserves the right to refuse advertising which the editors judge to be discriminatory on the basis of race, religion, sexual orientation, or gender. Also any advertisement which promote violence, illegal activities or is in bad taste will not be considered for publication.

Submissions may be made at the Thorn office, through campus mail addressed to the Thorn, by email-ing thorn@rose-hulman.edu, or by calling the Thorn office at extension 8255. Deadline for submissions is 5 p.m. the Wednesday prior to publication. Runs over one week must be renewed weekly by contacting the Thorn office, unless prior run arrangements have been made.

Engineers Athletics This Week

Friday, December 5

Swimming at DePauw Invitational, 11 a.m.
Diving at Wabash Diving Meet, 6 p.m.
Wrestling at Little State Invitational, 4 p.m.
Men's basketball: MSOE vs. Cal-Tech, 7:30 p.m.

Saturday, December 6

Diving at Wabash Diving Meet, 9:30 a.m.
Swimming at DePauw Invitational, 11 a.m.
Wrestling at Little State Invitational, TBA
Rifle hosts Westminster College, 1 p.m.
Men's basketball hosts Cal-Tech, 3 p.m.
Women's basketball at Indiana University-East, 2 p.m.

Tuesday, December 9

Women's basketball at St. Mary-of-the-Woods, 7 p.m.
Men's basketball hosts Brescia College, 7:30 p.m.

The Rose-Hulman Bookstore will cash checks for Faculty, Staff and Students up to \$100.00. Check cashing service is available Monday thru Friday 8 am to 4:30 pm. No check cashing service available on Saturdays.

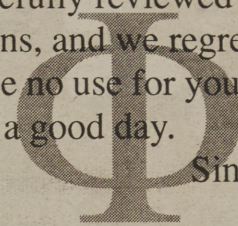
Top 10 Bad Rose-Hulman Movies

by the Skinner Collective

- 10. ShowSquirrels
- 9. Bigfoot vs. Mothra
- 8. MIP: Men In Plaid
- 7. The Pothole That Ate Skinner
- 6. The Fifth Element... Boron
- 5. Courage Under Finals
- 4. Attack of the 3-Foot Miller Kid
- 3. Jurassic Parking.
- 2. Sam Hulbert's Prosthetic Parts
- 1. Speed 2

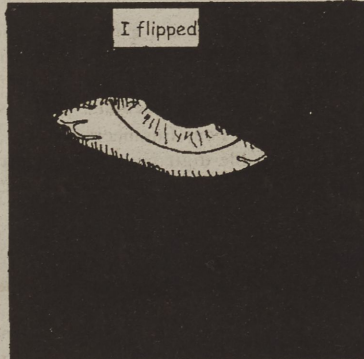
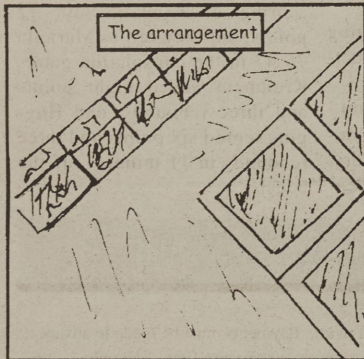
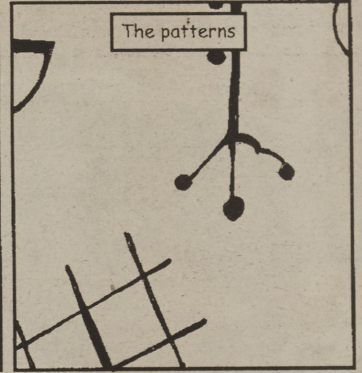
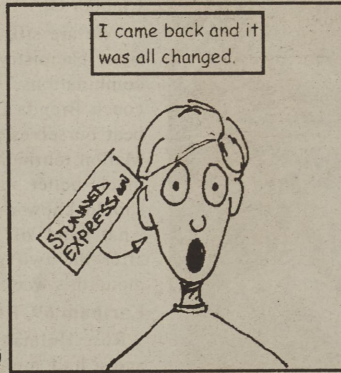
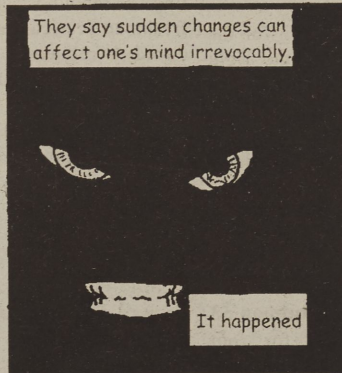
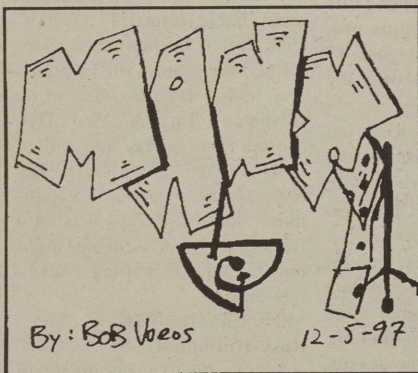
Dear Mr./Ms. Thorn,

We have carefully reviewed your humor qualifications, and we regret to inform you that we have no use for your services at this time. Have a good day.



Sincerely,

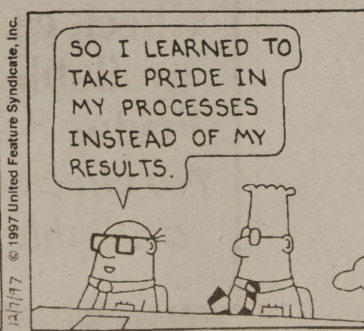
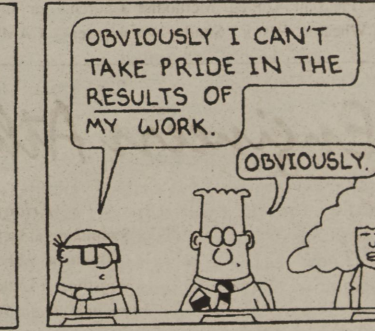
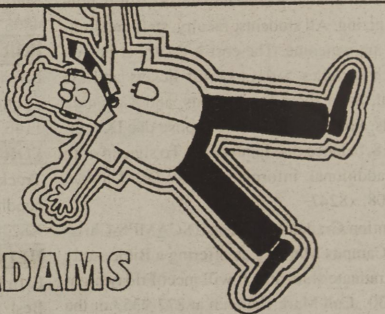
The Man



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BY

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