

Rose-Hulman Institute of Technology

Rose-Hulman Scholar

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Should Rose go Coed?

Special feature on pages 4 and 5 including opinions of President Hulbert, Prof Pickett, and Prof. Schmidt.



PR photo

Barbara Bailey Hutchison has returned to display her musical talents, tomorrow night in the WORX at 8:00 p.m.

Barbara Hutchison Anticipates performing

by Jim Grimshaw

Barbara Bailey Hutchison has returned. The Student Activities Board brings another Encore Presentation performer back to Rose tomorrow night, Saturday, January 28 at 8:00 p.m. in the WORX.

Making her first coffeehouse appearance at Rose last spring, Barbara was very well received as more than 60 people enjoyed her smooth, versatile showmanship. A student commented after last year's show that, "The crowd was treated to over two hours of music and humor. It was a special treat to all who attended. No one left disappointed." He added that Barbara's sense of humor was a very pleasant

surprise and was well suited for the Rose audience.

Barbara has been a professional musician for 12 years. She is a talented pianist and guitarist whose repertoire ranges from coffeehouse folk to light rock music and whose topics and moods run the complete spectrum as well. Her music touches many bases, including her own material. She performs many popular songs by well known entertainers and several lesser known selections written by talented songwriters who have not yet reached national recognition.

Barbara performs in many clubs and colleges throughout the country with return

engagements to most including Cellar Door in Washington, D.C. She has also opened for many popular artists, Kenny Rankin, Steve Goodman, Loudon Wainwright III, Maria Muldaur, and Asleep at the Wheel, to name a few. She has released two albums consisting primarily of her own material. Both albums received radio airplay and were well received by the public.

Admission is free to the Encore Presentation tomorrow night. Show time begins at 8:00 p.m. in the WORX.

Cablevision Negotiates With Rose

by Mike Walden

Rose may be receiving cable TV with HBO by spring quarter from American Cablevision in Terre Haute.

Presently this cable contains only thirteen channels, including HBO, ESPN, PBS, USA and CNN networks. But American Cablevision has begun an improvement project to greatly expand the services available.

Each TV set in the lobbies of the residence halls will receive cable, as well as the fraternity houses and possibly the apartments.

The cable was run along Wabash Ave. in front of Rose in the fall and the only thing

"Lag" time results In cancelled Job interviews

by Brian Evans

The recent cancellation of interviews by seven large companies has raised questions about job placement for the current year.

Seven firms have cancelled their interviews for the month of January, according to Mr. Bill Sisson of the Placement Office. He attributes this to the economy. It is recovering but business is experiencing a "lag" time. In other words, business will not feel the true impact of the recovery for some time, probably just before the summer.

Because of the "lag" time, campuses throughout the country are hurting in the area of job placement, including Rose-Hulman. According to Mr. Bill Sisson, the job placement at Rose for 83-84 should easily clear 80% by the end of the summer, compared to 95% for 1982-83 and 100% to 1981-82. This figure is highly accurate in that all majors are being placed equally, except electrical engineers who, as usual, have stronger job placement. Lastly, he says that salary increases over last year reflect inflation.

Even though the figures for job placement are relatively low, Rose still significantly exceeds that of neighboring colleges because Rose is attracting new recruiters. For job placement

this year, Sisson expresses a feeling of cautious optimism — he hopes that February will be a heavy month for recruiting, possibly compensating for January's disappointing activity.

Part of January's disappointing activity includes the aforementioned cancellation of interviews by seven large companies. In all, Sisson says that about 100 interviews were cancelled which is minor compared to the 5500+ interviews that are conducted each year.

To assist those currently seeking employment, Sisson offers the following advice:

(1) Be sure that your file properly represents you. Make sure that it is typed, neat, labeled, and organized. For this year, this alone can make the difference.

(2) Do not solely depend upon on-campus recruiting — go out and hunt for employment.

(3) Because the placement rate will be lower, your performance during your senior year will be very important. This, like a properly-kept file, can make the difference.

(4) The hiring process, especially the interviews, have not changed — aggressive students still get the jobs. Selling yourself, as well as doing well in school, will make the difference.

Admissions receives record Number of applications

by Joel Schneider

Rose-Hulman has received a record number of applications for the class of 1989. As of January 10, 2,702 applications have been received as compared to 2,535 that date a year ago.

Chuck Howard, Director of Admissions, attributes this increase to a couple of things. First of all, most high school students realize that it is a "good time for an engineering degree."

Secondly, the admissions

holding back installation in the halls is the laying of cable from the main line to the residence halls. Rose has talked with American Cable several times and it will be American Cable that makes the final decision as to whether or not cable TV and Rose will be hooked up by this fall.

office has been refining its recruiting and marketing practices, exploiting the good qualities of Rose-Hulman's small classes, good teaching, and impressive placement record.

Howard stated that the number of applications received to date already surpasses the total for last year (which was also a record year), and 100-150 more applications are expected to bring the total to 2800-2850.

The prospective students are generally of the same caliber of those in the past, with average SAT scores of 540-Verbal, 670-680-Math. These figures are even more impressive because there is a "declining number of high school grads, especially in Indiana and the midwest." The "pool (of eligible students) is shrinking (with) about 40,000 that meet the requirements for admission," stated Howard.

"Of particular note this year is that we're seeing students who have taken more advanced mathematics, chemistry and physics in their high school programs," Howard continued. "Many also have had course work in computer programming."

"I am pleased that 250 students who rank first in their high school classes have applied and have been admitted into our 1984 freshman class. Of course, we anticipate that a significant number of these students will enroll in the upcoming class."

The typical student applying to Rose-Hulman ranks in the top five percent of his high school class and scored well over 1,200 on the Scholastic Aptitude Test

Expand Your Education (EYE) opens at Rose

by Bill Bradford

Now through March 20, the Activities Office will be sponsoring the Expand Your Education (EYE) series. Donna Gustafson, Director of Student Activities describes the program as a "series of short educational programs designed to allow students, faculty, staff and spouses to pursue a new interest or hobby."

The first program offered is a Stress Management three part series. Other programs include 'Cooking 101,' where students learn how to prepare soup, salad,

beef tenderloin with wine sauce, etc.; Cardiopulmonary Resuscitation; and First Aid.

Bill Sisson, Director of Placement, will conduct a program on summer job hunting. Also available are "Adventures in Perception," a film on the works of artist M.C. Escher; Dinner of Wines and Liqueurs; and Every Person's Guide to Mah Jong, an ancient Chinese board game, taught by Professor Barry Farbrother.

The response to the programs has been very good according to Gustafson.

Group expresses interest In additional fraternity

by Mitch Day

A number of freshmen are moving to begin the process required to start a new fraternity at Rose.

The interest group was organized by freshman John Buse who stated several different reasons for his desire to establish a new chapter at Rose.

First, Buse didn't receive a bid from any of the existing fraternities but was still very much in favor of the Greek system. After some checking, he found that there were several other students in the same position.

Buse learned that there were

eleven fraternities who were interested in opening new chapters at Rose.

Three of the eleven that the group is primarily interested in are: Tau Kappa Epsilon, Phi Kappa Tau, and Sigma Phi Epsilon.

Buse has sent 85 notices to students who appeared to be good prospects for the group. Thirteen have been returned. Buse stressed, however, that anyone interested in joining the interest group should contact him at Speed 209, or drop a note in box 1064. An organizational meeting is tentatively scheduled for January 30.



Nick Jokay photo

Bob McLaughlin was the first speaker in the Management Program Series; he discussed management in engineering.

- ACROSS
- 1 Footless
 - 5 Evil
 - 8 Gunman's girlfriend
 - 12 Young salmon
 - 13 Falsehood
 - 14 Century plant
 - 15 Small island
 - 16 Viper
 - 17 Roster
 - 18 Takes unlawfully
 - 20 Apportions
 - 22 Encountered
 - 23 Female ruff
 - 24 Crucial time
 - 27 Gossip
 - 31 Pronoun
 - 32 Above: poet.
 - 33 Sent forth
 - 37 Reply
 - 40 African antelope
 - 41 Small child
 - 42 Commemorative march
 - 45 Threefold
 - 49 Island off Ireland
 - 50 Born
 - 52 Crucifix
 - 53 Rip up
 - 54 Negative prefix
 - 55 Mediterranean island
 - 56 A continent
 - 57 Addition word
 - 58 Stalk
- DOWN
- 1 Egyptian sacred bull
 - 2 Time gone by
 - 3 Heraldic

1	2	3	4	5	6	7	8	9	10	11	
12				13				14			
15				16				17			
18				19			20	21			
22				22			23				
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31									32		
33			34	35	36		37	38	39		
40							41				
42	43	44					45		46	47	48
49							50	51		52	
53							54			55	
56							57			58	

(For puzzle answer, See page 6, column 3)

CROSS WORD PUZZLE

- bearing
- 4 Visions
 - 5 Explosions
 - 6 Three-toed sloths
 - 7 Leave
 - 8 Wooden hammer
 - 9 Mixture
 - 10 Misplaced
 - 11 Permits
 - 19 Hawaiian wreath
 - 21 Meadow
 - 24 Greek letter
 - 25 Legal matter
 - 26 Federal agency
 - 28 Pull
 - 29 Confederate general
 - 30 Transgress
 - 34 Country of Africa
 - 35 Goal
 - 36 Chaperon
 - 37 Be present
 - 38 Conjunction
 - 39 Cubic meters
 - 42 Brazilian estuary
 - 43 War god
 - 44 Hindu princess
 - 46 Nut's partner
 - 47 Part of ear
 - 48 Kind of cheese
 - 51 Vast age

Consulting scholarship announced

Statewide competition for an undergraduate scholarship in engineering has been announced by the Consulting Engineers of Indiana, for students interested in entering the consulting engineering profession.

Candidates qualifying for the competition will enter their junior, senior, or fifth year in a five-year program of engineering studies in Fall, 1984. Their university or college must offer a curriculum approved by the Accreditation Board for Engineering & Technology (ABET). Students must have above average academic standing and supply appropriate recommendations from a professor, dean, employer and ACEC member. Applications must be received by CEI by March 5, 1984.

Winners of ACEC's Member Organization scholarship contests will compete for a top national award of \$5,000 plus other awards. Engineering students with strong academic and personal qualifications and interest in a consulting engineering career may obtain additional details by contacting F. Louise Jones, Executive Director, Consulting Engineers of Indiana, 150 W. Market Street, Suite 618, Indianapolis, IN 46204 or your university financial aid officer.

FRANKLY SPEAKING

phil frank



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Album review

Pretenders take firm step

I was pleasantly surprised when I first heard *Learning to Crawl*, the long-awaited album release by the Pretenders. This new recording represents a great transition from the Pretenders of old.

The new Pretenders include two new band members: Robbie McIntosh on guitars and Malcolm Foster on bass. Chrissie Hynde is still the lead vocalist, and Martin Chambers is still the percussionist.

More importantly, the Pretenders have made a stylistic change in their music. This new release is more down to earth than their previous two albums. It's almost as if the Pretenders are trying to get back to the basics of modern rock music. "Learning to Crawl" offers very good musicianship and good, basic songwriting without the sensationalism of their earlier works (such as "The Adulteress" and "Bad Boys Get Spanked"), both from Pretenders II). Of course, old Pretenders fans may find that this new release lacks the flair of their earlier work.

Nine of the ten songs on this album were written by Chrissie Hynde; and for the most part, they are very good. Time seems

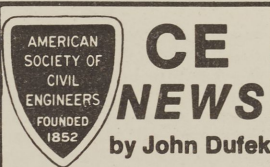
to play a major theme throughout this album, giving the impression that Chrissie wishes she were young again. This is evident in the ballad "Show Me," which features an optimistic young girl asking a wiser, but disheartened veteran about life and the world. The current hit single "Middle of the Road," has such phrases as, "I'm standing in the middle of my life with my plans being me."

There is one song on the album which sticks out like a sore thumb: "Watching the Clothes." It is a semi-punk farce about a middle-class working woman who spends a thrilling Saturday evening washing her clothes at the laundromat. This is funny, maybe the first time, but it ages quickly.

The rest of the album will generally grow on the listener. It offers a variety of basic rock, melodic ballads, and blues, including last year's hit "Back On the Chain Gang." The guitar work by both McIntosh and Hynde is excellent, and the overall sound quality of "Learning to Crawl" is a big improvement from their earlier albums.

Rating (0 to 5): 3.5

-Rob Gollon



The Rose-Hulman Student Chapter of the American Society of Civil Engineers would like to thank all students and faculty who gave to the 1983 ASCE Christmas Fund.

Several ASCE members visited the residence halls during the week before Christmas break asking for donations. The response was good, with most students giving freely of any loose change they had. By the end of the week, a little over \$190 had been collected.

ARA got in the act by giving several cans of vegetables and soups. A special thanks goes to the food service for helping out.

The money and the food was given to the Salvation Army this year. In the past, the Christmas Fund, begun in 1977, has gone directly to needy families. The chapter plans to continue this annual event, which illustrates the civic-mindedness of Rose students, and gives the Rose community a chance to give to those who are in need.

Cinemascope

Silkwood on plutonium screen

Karen Ann Silkwood, a twenty-eight year old plutonium plant worker openly criticized her plant's safety standards and practices. En route to deliver documentation of the company's negligence to a union official and a New York Times reporter, Silkwood died in a mysterious crash.

Ten years later, you can't help but respect and admire Silkwood—both the real life woman and her screen counterpart. Her tragic tale touches at the very heart of issues concerning us all.

It would have been very easy to blow her story out of

proportion, displaying a dramatic battle between big business and workers. Yet, this Nora Ephron and Alice Arlen film, directed by Mike Nichols, presents a most reflective, poignant, and believable account of the Silkwood story.

Meryl Streep (Sophie's Choice, Kramer vs. Kramer) is superb. Her portrayal of the lusty, gutsy, rebellious employee is sure to draw a Best Actress nomination. She defines the precarious position of the bright, but unskilled laborer pitted against big business very effectively. Her performance makes you laugh, cry, and

applaud.

Extremely strong supporting roles were given by her offbeat roomies: Kurt Russell as her lover and Cher as a cynical lesbian friend. Russell has come a long way from his days as Disney's wonder boy and Cher was a refreshing surprise. Her abilities complementing Streep's as much as Russell's.

There are a few parts where the film is slow moving or the narrative hard to follow. However, Silkwood is well worth seeing since it touches on the growing anxieties and concerns over plant safety and hazardous wastes.

Daffynitions



- Should you find yourself at a party and confronted with a strange mixed drink, check this list of cocktails so you'll know what you may be up against:
- artist's cocktail — drink two and you're a one-man show.
- Betsy Ross cocktail — after a few, your spirits flag.
- bourbon renewal cocktail — after a couple, the whole neighborhood looks different.
- cardtable cocktail — two of them and your legs fold up under you.
- Cleopatra cocktail — two drinks and you Caesar.
- exorist cocktail — two of them bring out the devil in you.
- factory-whistle cocktail — one blast and you're through for the day.
- football cocktail — you're lucky to get the first down.
- Mona Lisa cocktail — two of them and you can't get the silly grin off your face.
- Nicolas and Alexander cocktail — drink more than two and you see czars.
- peanut cocktail — one sip and you come out of your shell.
- Peter Ustinov cocktail — one is ustinov.
- senatorial cocktail — just one and you wind up speaking from the floor.
- sweet kitten cocktail — two and you're no longer a sour-puss.
- Wuthering Heights cocktail — for people who always want just one moor.

The THORN

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The THORN welcomes letters or comments from readers. In view of length constraints, we reserve the right to limit the lengths of comments and use excerpts from letters. All submitted material must be signed. We will withhold names in special cases only. Articles, ideas and announcements are also desired. All material should be submitted one week before publication.

Escher's work exhibited in Union



Nick Jokay photo

This is Escher's *Sky and Water I* woodcut, just one of his works displayed in the Union.

by Tom Vanderlaan

Currently exhibited in Hulman Memorial Union are some of the works of the Dutch graphic artist M.C. Escher.

The display will be at the Union until the second week in February. This exhibit is the second one from the Consulate-General of the Netherlands.

The prints are copies of either lithographs or woodcuts done by Escher. Before becoming popular, his work was admired chiefly by mathematicians and physicists for his experiments with dimensions. It was not until his near death in 1972 that his work became popular among non-scientists.

Escher once described his art as "illusions of an illusion." Just remember to look close when viewing the collection, because they might not be what they seem to be.

Do you desire women?

Please send your comments on the coeducation question to the Rose THORN, Box 130 by Friday this week.

Scholarships 'are a one time shot'

by Joel Schneider

The Army ROTC is offering two-and-one-half- and three-and-one-half-year scholarships as a result of extra funds and a need for high-tech people.

These scholarship are being offered in addition to the regular two- and three-year scholarships that are offered each year. According to Major Casale,

these half-year scholarships "are a one time shot." They will probably not be offered again because "partial year scholarships are difficult to handle" on a year's budget.

Response so far has been good with six students applying for two-and-one-half-year scholarships and nine applying for three-and-one-half-year scholarships.

Major Casale is hoping for another 20 two-and-one-half-year applicants and 30 three-and-one-half-year applicants.

The scholarships provide for the full cost of tuition, a flat rate of \$318 for books and supplies, plus \$100/mo. for each month the student is in school. This brings

See ROTC, pg. 8

Freshmen rate Rose-Hulman

by Mitch Day

"Very happy" was how President Hulbert summarized his feelings concerning the overall results of the 1983 Freshman Poll.

The poll, which is given to Freshmen during their last class of Freshman Orientation, covers such things as Summer Programs, Classes, extra-curricular activities, and campus living.

According to Dean Lucas, the poll is weighed very heavily by

the Administrators when they evaluate what programs and classes need to be improved. One class which has suffered from low ratings in recent years has been Graphics. "The Faculty has worked very hard to improve the course and it shows by the big jump in this year's rating" stated Hulbert.

The summer programs and freshman classes were rated on the following basis: 4 - very worthwhile, 3 - worthwhile, 2 - not good/not bad, 1 - not

worthwhile, 0 - big waste of time. Summer Institute received the highest rating of the Summer programs this year with an average of 3.46. Catapult ranked second at 3.40 followed by Camp Retupmoc, 3.16 and TIP, 3.06. Last year Catapult was selected as the best program, and in 1981 TIP ranked number one. The biggest increase was Summer Institute which leaped from 3.19 to 3.46 while the biggest drop belonged to TIP, which fell from 3.33 to 3.06.

In the area of classes, Calculus I was voted the most worthwhile with an average of 3.41. The last time Calc I received the number one score was in 1978. The rest of the classes followed by their scores are: Chem Honors - 3.40; Drag Calc - 3.26; Humanities - 2.77; Graphics - 2.58; Literature and Writing - 2.45; ROTC - 2.01; and Freshman Orientation - 1.91. In its five years since it was started, Drag Calc has had the highest score in three years. This year's Graphics average is its highest ever, while Chem I average is its lowest since the poll was begun in 1975.

The second part of the questionnaire consisted of several questions relating to general campus life. They were rated on the following basis: 4 - very good, 3 - good, 2 - OK, 1 - not very good, 0 - bad. The Overall Academic Program received a 3.60 rating, which is a new high. The previous high was in 1981 when it received a 3.56 rating. Tying its previous high was the Residence Hall Environment which scored a 3.15. At 1.65, the ARA Food reached its lowest level in three years. Organized non-academic activities such as clubs and intramurals received a 2.98 rating. These activities have maintained an average right around 3.00 for the last six years.

When questioned about how helpful they thought the faculty advisors had been, 26.2% felt they had been very helpful, 56.9% voted just helpful, and 16.9% voted not helpful. Concerning the idea of Rose-Hulman going co-ed, 56.3% of the students in some way favored the prospect, while only 31.6% were opposed. A statistic which

NEWS BRIEFS

Mom's Day is scheduled for Final home basketball game

by Scott Haney

Rose-Hulman has received just over two million dollars in voluntary gifts since Sept. 1st, according to Ron Reeves, Vice President for Development and Student Affairs.

"Of course, a lot of that is Moech Hall Renovation funds, and there is no new money from Olin," said Reeves, "but our annual donations are up about \$200,000 from first quarter (of the fiscal year) last year."

Reeves said that the increase in contributions is due to optimism on the part of the alumni. "People like to sup-

port a winner, a good thing," he added, and stated that he feels this a trend that will continue for a while.

Reeves points out that although unregulated, departmental, and financial aid donations were up, renovation funds for Moech Hall have not been coming in as hoped. He said that this is only the first part of the fiscal year, and there is still time for a drive for these funds. "We have a larger number of alumni out there now than we have had in the past, and this contributes in part to increased donations."

Prominent military historian Lectures: "Pershing the Man"

Prof. Donald Smythe of John Carroll University will lecture on the subject of American military operations in World War I, January 31 at 4:20 p.m. in C-126.

Smythe is a prominent military historian and author of a two volume biography

about the commander of American Expeditionary Forces in World War I, Gen. Pershing.

His topic will be "Pershing the Man" and is open to students, faculty, staff, and the public. Coffee and donuts will be served.

International Affairs Assoc. Hosts expert on Soviet affairs

by Bret Small

The International Affairs Association will present Dr. Darrell Hammer, a leading expert on the Soviet Union and Kremlin affairs, this Wednesday, February 1, in room E-104 at 7:00 p.m.

Dr. Hammer, a political science professor from Indiana University will be addressing the question, "where in the world is Yuri Andropov?" and other issues

concerning the Soviet Union. Dr. Hammer, who has spent a great deal of time in the USSR, has written extensively on internal Soviet affairs and happenings at the Politburo, the leading decision making body in the Soviet Union.

This promises to be a very informative presentation on the current state of the Soviet Union's power structure, and problems that it may be in-curring.

Civil engineers' student chapter Elects new cabinet of officers

by Darin Emberton

Rose-Hulman's student chapter of the American Society of Civil Engineers elected a new cabinet of officers last meeting, to serve during 1984. The new officers are: President: Gene Le Boeuf; Vice-Pres.: Don Childress; Secretary: John Dufek; Treasurer: Ron Webb.

Each of the offices was contested fiercely. The ASCE looks to a bright future with these qualified individuals leading the organization. The new officers will push for more involvement from all the chapter members and will concentrate their efforts toward underclassmen.

Annual contributions increase As a result of alumni optimism

by Scott Haney

The last Saturday home basketball game, February 18, has been officially declared Mom's Day at Rose-Hulman.

This is the first year for Mom's Day. James Schwartz of the Development Office said that the event has been in the planning stage since Sept., and there are still a few rough edges to iron out. "But we hope to have things smoothed out in the future," he added.

The occasion is to provide parents with a good view of Rose and to break the winter

time monotony for the students.

"Mom's Day has been patterned after Dad's Day," said Schwartz, "although there are some differences. The buffet supper is more of a sit-down affair, and she'll receive a corsage, but in all, it is very much like Dad's Day." Mothers will get a Mom's button entitling them to a free coke at the game, and the SAB Talent Show will follow.

A good time should be had by all, and "Dad is invited, too!", of course.

shows that Rose students know what they want is the 86.2% who voted that they were pleased with their decision to attend Rose-Hulman. Only 1.7% voted that they were displeased with their decision, while 12.1% were undecided.

The final two questions on the questionnaire asked the student to fill in what they thought were the most positive and negative aspects of Rose-Hulman. The item most listed for the most positive aspect was the professors who were listed on 88 questionnaires. The professors were also listed on the most negative aspect list 19 times.

ARA was listed as the most negative aspect, receiving 52 votes, but 2 students felt ARA was the most positive aspect. Other votes are as follows: Academics - 84 pos./34 neg.; Lack of females - 46 neg./2 pos.; Bookstore - 34 neg./1 pos.; Parking - 20 neg./2 pos.; Computer Center - 17 neg./1 pos.; General Location - 28 neg./2 pos.; Residence hall life - 12 pos./18 neg. Other things which received positive votes: smallness - 21; environment - 50; and residence hall staff - 10. Other items receiving negative votes include construction - 2; social life - 10, and expense - 2.



S.G.A. News

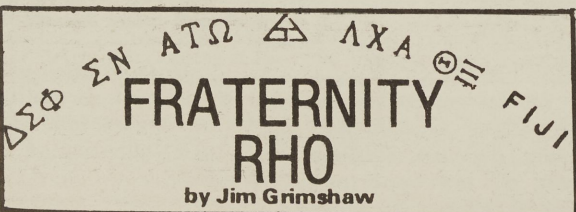
by Joe Kunkel

Elections for the new student government officer will be held Feb. 20. Petitions are now available at the switchboard. Petitions must be returned to the switchboard before Feb. 6.

The positions of president and vice-president of Student Government are among the most important student positions at Rose-Hulman. These two people are responsible for a majority of decisions which are made on this

campus. These officers also appoint all student-faculty committee SGA representatives, sponsor all campus elections, and budget students funds. These officers must chart the course of student government as well as act as the liaisons between student body and administration.

The new officers will take office the beginning of the third quarter and continue until Jan. 1, 1985.



by Jim Grimshaw

Theta Xi accepted bids for five new pledges, making a total of 11 pledges this year. The new pledges are: Trip Allen, Bob Kipp, Rock Mitchell, John Tokar and Joe Ziskovsky.

Sixty members of the Alpha Tau Omega fraternity went to Ball State University last Friday night for a party with the Theta Alpha Chapter there. It was the first Pledge Father-Pledge Son walkout of the year. The Kappa Alpha Theta and Sigma Kappa

sororities of Ball State were also on hand for the party. The event strengthened the ties between the ATO's at Ball State and Rose, and it is hoped that they will come to Rose for a similar event.

IFC News:

Tentatively scheduled for this Tuesday, Jan. 31, is the Presidents/Advisor Dinner. All old and newly elected presidents are invited to attend.

Prof. William Pickett

Humanities — History

A college is many things to many people but depends on its reputation for excellence. The two groups that determine this image are insiders — those who study, teach, administer, or contribute time and resources — and outsiders — those who know about the college only indirectly.

The latter group includes potential students and companies that recruit graduates. Insiders, if they are to prepare students to contribute to society, must constantly improve the quality of the education. Outsiders observe and form opinions, hear what the school says about itself, and compare this with what seems to be happening on campus. Prospective students and recruiters of graduates have an important interest in how well a college meets its responsibilities, and whenever there begins to be a deficiency, sooner or later it will be known.

Rose is at once better than the public realizes and not as good as it thinks itself. There is reason to suspect that many outsiders ignore Rose-Hulman, discounting it as increasingly isolated and parochial, a school in a secondary position between vocational school and degree-granting college. Such critics are, no doubt, the young women who would like a good, private engineering education but are excluded by Rose because they are female. Some recruiters, many women themselves or from companies seeking to hire women, have decided not to come to Rose-Hulman because they believe the all-male environment has narrowed, rather than broadened, personal and social understanding.

Some recruiters, many women themselves or from companies seeking to hire women, have decided not to come to Rose-Hulman because they believe the all-male environment has narrowed, rather than broadened, personal and social understanding.

Many dismiss Rose-Hulman on the grounds that a college that excludes an entire category of qualified applicants representing the distinctive life experience of half the world's population is blind to its interests, failing in its mission, and violating the underlying principles and purposes of education. The enormous problems and unparalleled opportunities of the modern world are challenges that are not divisible by sex. Nothing should be allowed, say these critics, to interfere with the preparation and mobilization of the nation's most precious resource — knowledgeable and creative people, both male and female, working in mutual support.

But whatever such outsiders think or say about Rose-Hulman it is better than they realize. The intellectual freedom, attitude of objective inquiry, enthusiasm and competence of the faculty, intensity of athletic competition, demanding and rigorous nature of course work, and perhaps most important, the ambition and ability of one of the most talented groups of students in the nation make Rose-Hulman a truly fine college. Although all-male (well almost—one woman enrolled as a graduate student last year) it offers a liberal and increasingly cosmopolitan education. It has located and attracted students from all states of the union, including Hawaii and Alaska. Though students of foreign origin or ethnic background are a minority, there are blacks, Caribbeans, Asians, Africans, and students from Europe and the Middle East. The faculty is gregarious and well travelled, having earned professional degrees at a variety of major universities.

Included among Anglo-Saxon American professors are Japanese, Taiwanese, Spanish, Indian, Korean, and British. Three women serve as full-time faculty along with four female adjuncts. There is a foreign exchange program, a junior year abroad option, a technical translator's curriculum in Russian and German languages. Each year a considerable number of faculty do research and write papers for both national and international professional conferences and publications. They teach a curriculum about human experience that of necessity is both male and female. Most of this occurs without fanfare and frequently is not seen by outsiders. It is because of this commitment to education and excellence in teaching that many insiders say Rose-Hulman, since its founding in 1874 as Rose Polytechnic Institute, an science and engineering school for men, can ignore its critics. The record number of applications for next year's class (over 2700 for a class of 350) and the fact that this year Rose-Hulman ranked eighth in the nation in number of National Merit Scholars per capita, they say, proves the defenders are correct.

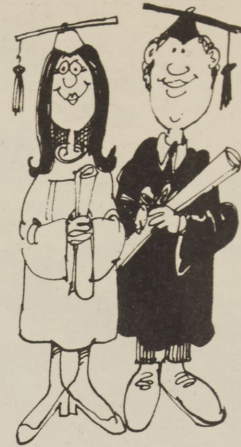
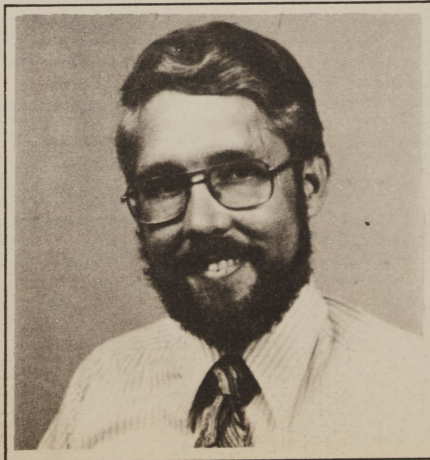
The problem, of course, is that no school can claim to be seeking the best possible environment for the spiritual and intellectual growth as long as it excludes the female half of the human race.

The problem, of course, is that no school can claim to be seeking the best possible environment for the spiritual and intellectual growth as long as it excludes the female half of the human race. Less than 25 percent of female high school graduates presently seek education in science and engineering, but even this shows how much the nature and purposes of higher learning have changed since 1874. In the horse-and-buggy society that was building an industrial nation of railroads, dynamos, coal, and steel few women wanted to be engineers. They stayed at home and were not allowed to vote. One hundred and ten years later in 1984 the United States is part of the information age, and is tied to scores of other nations by corporate agreements, treaties, and communications networks. Women have had the right to vote since 1920 and Congress has passed a constitutional amendment (ERA) acknowledging the need to assure the rights that women were for so many years denied by law or practice. Millions of the nation's 100 million females have entered the work force (over fifty percent of adult women work outside the home). Women pilot commercial jetliners; fly in space as astronauts; serve as congresswomen, senators, cabinet secretaries, supreme court justices, mayors of cities and prime ministers of nations; and control enormous financial power. In a national economy based on science and technology, on intellectual rather than manual labor it is not surprising and in fact desirable that large numbers of young women become scientists and engineers.

The willingness of Rose-Hulman to exclude women from the personal growth it provides and consequently from participation in the rewards and contributions of the engineering careers now open to women reflects a failure to be part of modern reality. Rose-Hulman students do not have daily contact with members of the other sex as peers in classrooms, laboratories, extra-curricular activities. They do not gain the realization that comes from participating with them in class recitations and in dormitory conversations that some women are more capable than some men. They do not learn from such contact that in addition to being sometimes lovable, distracting, and comforting, the female appearance, emotions, and experience are unique. Based on a biological make-up and upbringing that prevents them from competing equally with men in activities involving physical strength, they can, if they choose, perform the essential task of bearing and nurturing children (and, of course, experience the protection, exploitation, and/or discrimination of males). Without the maturing process that occurs from day-to-day contact with women as individuals and intellectual colleagues, the Rose-Hulman student is less prepared to enter a society that is increasingly where women work as equals with men and even have management responsibilities.

It would be fair to conclude that no matter how good it is in every other respect, until Rose-Hulman admits women students it is contradicting its commitment to education and service to society. As long as its admissions policy excludes a category of students who, if they matriculated, would without question both contribute to and benefit from that education, Rose-Hulman has fallen short of the excellence it claims and its full potential as an

See PICKETT, p.6



Coeducation

Yes or No?

The THORN asked several people with views of Rose-Hulman whether Rose should

Their views are presented on these two pages. The issues for and against coeducation are and complicated. The THORN hopes to inform and stimulate discussion on a topic that every student Rose talks about quite a bit: women.

This discussion of issues will culminate in a school vote concerning admission of women. Sponsor the vote February 6th. Be sure to watch the voting set-up near the mailboxes.

Have an opinion on coeducation? Here's your chance. Next week's THORN will feature your views on this oft-considered issue.

Please send comments to the Rose THORN, 1000 The THORN reserves the right to edit for quality and space requirements.

Joseph Kunkel

President, SGA

The question of Rose-Hulman becoming a coed school has been a popular one for the four years I have been on this campus. Most students feel that Rose-Hulman will go coed someday in the future, but are unsure if Rose should go coed today. On February 6th the students of Rose-Hulman will have a chance to make their feelings known. Coeducation is an important issue on this campus and every student should take some time to seriously consider the future of this school.

The lack of day-to-day contact with women for four years deprives students not only of the opportunity to learn about a woman's perspective on life, but also encourages a feeling of elitism.

Rose-Hulman prides itself on being one of the finest engineering schools in this country. We can take pride not only in the academic achievements of our students, but also in the overall character of the student body. Over 90% of the student body becomes involved in intramurals and most students are involved in extra-

curricular activities. Rose-Hulman is seriously committed to the development of not just the student but also the community, and importantly the development of a well-adjusted and contributing member of society. The lack of exposure to female students seriously detracts from all-around education.

The addition of coeds to this campus would also aid in the social development of each student at Rose. A

Rose-Hulman does not discriminate on the basis of race or religion; how can we justify discriminating on the basis of sex?

engineer must be able to work with other people in his field. In today's world, that also includes being able to work with women. No student at Rose has the experience of working with women on technical problems, let alone being forced to work in a position where a woman is in charge. The lack of day-to-day contact with women for four years deprives students not only of the opportunity to learn about a woman's perspective on life, but

See KUNKEL, p.6

Sam Hulbert President, Rose-Hulman

Probably the most debated subject to date in the history of our school is the question as to whether we should remain a single-sexed educational institution or become a coeducational institution. The file on the question of coeducation for Rose-Hulman is larger than any other in the office of the President. The question has been studied and studied. In fact, a faculty committee even developed an implementation plan.

In my opinion the vast majority of the administration, faculty and staff favor our school becoming a coeducational institution. It seems to me the arguments against becoming a coeducational institution can be summarized as follows:

- 1) It would be a significant change in tradition.
- 2) Our alumni are currently divided on the question, and it would present some short-term public relations problems.
- 3) Perhaps most importantly of all, a number of our Board members are very opposed to this change.

A couple of years ago the faculty committee involved in preparing an implementation plan drafted a list of reasons for Rose-Hulman becoming a coeducational institution. It seems to me they are still appropriate today, and the benefits from becoming a coeducational institution far outweigh the costs.

In my opinion Rose-Hulman Institute of Technology is a great educational institution and will become an even greater one when it becomes a coeducational institution.

REASONS FOR ROSE-HULMAN BECOMING A COEDUCATIONAL INSTITUTION

The Quality of the Rose-Hulman Education Will Improve

- 1) A wider variety of viewpoints is expressed.
- 2) An educational environment which provides a greater variety of human interaction comes closer to the Institute's goal of a "liberal education in science and engineering."
- 3) Male students would learn to work with females, a situation they can realistically expect to face in industry. Full and equal participation by women in all phases of business is now an established fact of life.
- 4) Faculty recruiting will be improved since faculty members have indicated by an overwhelming vote that they would prefer to work in a coeducational atmosphere.
- 5) The strong support of coeducation by faculty — most of whom have taught at a variety of schools — indicates their experience that the learning situation is enhanced. (NOTE: It is interesting to note that those faculty most strongly in favor of Rose-Hulman remaining uni-sex are those who never attended a coed school and/or never taught at a coed school.)

Student Life at Rose-Hulman Will Improve

- 1) The diversity of the student body, which tends to be predominantly mid-Western, will be increased.
- 2) With dating opportunities on campus, fewer students will have to go home or to other campuses on weekends.
- 3) Male students will be encouraged to take advantage of a wider variety of social activities.
- 4) Behavior in the residence halls — particularly study behavior — will probably improve.
- 5) Major traditions of Rose-Hulman (the bonfire, Rosie) can be continued without any problem.
- 6) The somewhat sterile environment — primarily drinking fraternity parties on weekends — can be enriched.
- 7) Other schools surveyed report improved campus and classroom atmospheres.

The Pool of Applicants to Rose-Hulman Will Be Improved

- 1) A sample of guidance counselors showed that the number of males applying to Rose-Hulman would increase. This is because many students are presently 'unselecting' Rose-Hulman because it is unisex.
- 2) The major reasons that students select Rose-Hulman are its quality, its small size, and its placement. None of these would change.

See HULBERT, p.6

Pam Bretsch Engineering student, Purdue University

Why should Rose-Hulman go coed? Selfishly speaking, because women engineers should have the benefit of a Rose-Hulman education.

As a high school student, I wanted to attend Rose and had hoped that it would turn coeducational by the time I graduated. Obviously that did not happen, and I am now in my second year of Chemical Engineering at Purdue University. After having heard about Rose's academic style from friends and experiencing Purdue's teaching methods firsthand, it is obvious to me that Rose-Hulman offers a much different type of education than I will receive at Purdue.

... there are many more men who chose Purdue over Rose because Purdue is coed than there are men who chose Rose because Rose is all-male.

Some advantages of attending Rose include a much smaller student/professor ratio and the refreshing fact that Rose doesn't need to thin out the number of engineers who will grad-

uate. I do not know which school offers a better overall learning experience, but is it fair to deny half the population the freedom to choose simply because they were born female?

Women would not be the only benefactors of a coed Rose-Hulman; Rose itself would benefit enormously. From the number of men I have talked to, there are many more men who chose Purdue over Rose because Purdue is coed than there are men who chose Rose because Rose is all-male. I think that Rose's popularity and status would be vastly increased by the addition of women. I also believe that Rose's overall educational experience would be much improved. One of the advantages a Purdue student has is the opportunity of being exposed to many different kinds of people — including both men and women. Whenever I visit friends at Rose, I find it sad that the students I meet seem to be amazed that I am a Chem E. At Purdue, women are not thought of as liberal arts majors — there are over 1300 female engineering students here. Sometimes I wonder how a Rose graduate will react to

See BRETSCH, p.6

Prof. Al Schmidt Mathematics

Nature abhors a vacuum! And so, it seems, do some people abhor a calm, tranquil environment which allows quiet study and dialogue.

In the sense that there is nothing so useless as a satisfied labor leader, a satisfied rebel or revolutionist (they will be ousted speedily by their constituencies), it may well be that each staff of a newspaper and each staff of a student government must look around, find some cause, and pursue that cause in order to establish a position in the course of history of Rose-Hulman — to avoid giving an impression of being satisfied (all too often interpreted as "apathy"). This phenomenon is not unlike a hose-dog which, on being let outside at night, emits a sharp bark then listens to see whether there are other dogs in the neighborhood. If no bark is returned, that pursuit is ended and some other interest takes over. So it has been with the "coed" question: student governments have surveyed, the campus newspaper has polled, and administrations have studied. And is it really necessary to stir this pot every year when snow is on the ground? Has there been really substantive changes since the last defeat?

One remarkable trait has been shared over the years by all of these groups: not once, to my knowledge, has any one of these surveys begun with any hint as to what the surveyor means by "coed" — that is, does it mean simply that Rose-Hulman would no longer say "no" if a woman should happen to apply? Does it mean having ten women students, one hundred, or one-half of the student-body?

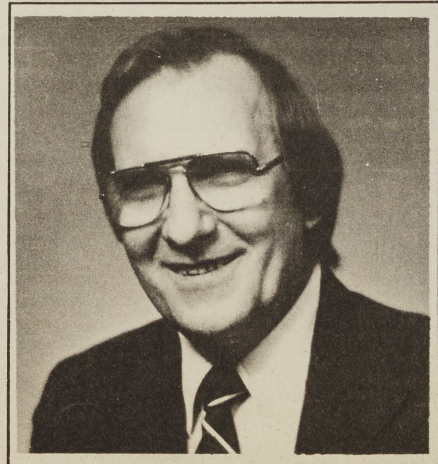
The advantage, as I see it, in failing to define one's terms, is that affirmative votes can include those who simply do not object to admitting such applicants as may happen, and those who feel (for whatever reason) that Rose-Hulman should actively recruit women students, and all the way to the extreme of those (if any) who feel we should get women on campus even if it means reverse discrimination in financial aid. In this manner, one can assemble data which may have no real significance because respondents are answering their own perception of the question.

There are many coed schools one can attend or be part of; is reluctance to move a valid basis for remaking Rose-Hulman into something else?

During the sporadic movements for "going coed", numerous rationales have been presented. Among these are: improved on-campus social life (would this require ten, one hundred or five hundred women students?); improved social graces and social maturity of male students (would having the women in classes make the difference, since there is question whether women at fraternity parties, for example, affect improved social graces and social maturity); improved academic environment (on what basis — we already have an excellent student-body); the need for men to become accustomed to women as peers in science and engineering, preparing men for the "real-life" situation in industry (although what I hear from senior plant-trips does not support this argument).

Another argument for "going coed" is that Rose-Hulman is the only remaining all-male engineering school, presumably an anomaly in these modern times. Is that an argument for or against going coed? If there is but one kind of school (or one political party, or one model of automobile), wherein lies the important freedom of choice?

Various numbers have been seen and heard in recent years concerning the percentage of women engineering students in this country, some ranging as high as thirty percent. However, large universities offer curricula counted in their engineering total which are not available at Rose-Hulman. The only reference numbers which might have significance for the debate at this school are those



See SCHMIDT, p.6

enrolled in curricula offered at Rose-Hulman (e.g., electrical engineering, not electronics engineering;

To my knowledge, the only in-depth research on the whole question of the effects of a single-sex college going coed is contained in the book Four Critical Years by Alexander Astin et al., a copy of which is in the library and I have a copy anyone is welcome to read.

mechanical engineering, not industrial or quality-control or safety-engineering or mining engineering or petroleum or ceramics engineering, etc.) If, as some reports indicate, six percent of U.S. college students are majoring in a form of engineering and if, as some claim, thirty percent of all types of engineering majors are women, that seems to mean a maximum of less than two percent of all college students are women majoring in some form of engineering. What is a reasonable number of women to expect Rose-Hulman could recruit? Is that adequate for "being coed"?

To my knowledge, the only in-depth research on the whole question of the effects of a single-sex college going coed is contained in the book Four Critical Years by Alexander Astin et al., a copy of which is in the library and I have a copy anyone is welcome to read. This study considers all kinds of colleges and universities, large and small, public and private, secular and church-related, north and south, east, midwest, and west. It considers all aspects of the four-year educational experience. On a campus devoted to science and engineering, where the principle of objective reasoning, scientific inquiry, and consideration of all available prior studies on a given topic are integral parts of an approach to any question or problem, it would seem important to consider the experience of other single-sex schools which have become coed during the past ten or more years. What were the motivations for the move at those schools and what were the outcomes (relative to the motivations)? Astin et al. addresses the question quite completely. Also, how many single-sex schools have, within the recent five or so years, re-voted to stay single-sex and why?

I wonder how many others share one of my weaknesses? When the idea (or necessity) to buy another car surfaces in my awareness, I tend to make (at least mentally) a list of the "pros" and "cons". There is not only the direct cost of the car, but also the sales tax, higher insurance, higher excise tax, and the sizeable interest on a loan (no-one has yet left me a significant bundle). Objectively, I have not been able to justify any car I have bought except the first one. My decision analysis usually has just one over-riding argument: "Yes, but I want one anyway." That is, rational argument or analysis doesn't really seem to prevail over the subjective (perhaps childish) urge to try something new!

How much of this characteristic has entered into decisions of those who have favored going coed, I

At least with the polls and surveys I have seen, more freshmen than sophomores, more sophomores than juniors, and more juniors than seniors have voted "yes" and there has never yet been a significant majority of the total student responses supporting the idea.

don't know. But I do know that the comprehensive study by Astin et al. states that if a student (male or female) wants to get a quality education with a high probability of successfully entering the field of his or her choice, then that student should choose a small, private, secular, midwestern, unisex college (Astin's findings, not mine, so please argue with him, not me).

Hulbert

(cont. from center)

3) It is doubtful that many students select the school because of its unisex nature. (Note that the Admissions department, which is quite knowledgeable in these matters, does not stress this factor. Instead, it is quietly tucked away in our literature.)

4) Students from more affluent families (whom we desire to attract) will find a campus with a wider variety of activities more desirable.

5) The quality of the student body can be expected to improve since there is a wider pool of potential applicants.

Relations with Outside Constituencies Will Generally Improve

1) Some industries will look more favorably on the school, particularly if they have female executives. (NOTE: Our school is seriously jeopardizing its relations with the industrial and business community by not becoming a coeducational institution. The most commonly asked question in dealing with the industrial and business community is "When is Rose-Hulman going to become a coeducational institution?")

2) Having female engineering graduates will increase our attractiveness to potential employers. (Those few employers who have indicated they would prefer the school remain unisex have not said they would stop hiring our graduates.)

3) We no longer will have to explain our unisex status to government agencies and potential donors.

There are Financial Benefits to Rose-Hulman

1) Many of the costs associated with coeducation would be incurred anyway (women's shower room, an added counselor) and others may be offset by decreasing expenses elsewhere (fewer men on some athletic teams).

2) More financial aid sources would be available, e.g., ROTC scholarships for women, scholarships from the Society of Women Engineers, etc.

3) The school will, financially, probably trade-off to its advantage. That is, it will lose the support of a few alumni over the short term, but it will gain the support of more companies, foundations, and private donors in the long-term.

Miscellaneous Arguments and Advantages

1) Legal issues are not a problem.

2) Going coeducational keeps Rose abreast of current trends in business and industry.

3) A school which intends to be the model institution for science and engineering should not practice discrimination: denying qualified females the opportunity for a quality education.

4) Compared to other steps that Rose-Hulman might have to take if student enrollment dropped — cutting faculty, reduc-

ing programs, failing to upgrade equipment, deferring maintenance, or lowering admissions standards — becoming coeducational will cause the fewest changes in the Rose education and most of the changes will be improvements.

Schmidt

(cont. from center)

Back to my car. If I make a purchase and find myself in over my head financially, at least the next time I can make a different choice. But it is my understanding that, for all practical and legal purposes, a decision to become coed is irreversible.

At least with the polls and surveys I have seen, more freshmen than sophomores, more sophomores than juniors, and more juniors than seniors have voted "yes" and there has never yet been a significant majority of the total student responses supporting the idea. Also, in many such surveys, the total responses have been well below half of the student body. (Interestingly, after the last election, there were democrats who pointed out that Reagan was elected by a majority of one of the smallest voter turn-outs in a presidential election, so he really did not have any public mandate. Is that argument applicable to polls on "coed"?)

Two final observations: There have been a lot of people who have attended Rose-Hulman since its founding and there will be even greater numbers in the years ahead. How great is the responsibility one must assume in pressing for a fundamental change in the nature of an on-going organization? Furthermore, it seems reasonable to wonder why students (or perhaps even some staff) who knew before coming that Rose-Hulman is all male, should now want to change the basic nature of the school which apparently attracted them initially. There are many coed schools one can attend or be part of; is reluctance to move a valid basis for remark-

ing Rose-Hulman into something else? I wonder. But then, I have not found any newer objective studies than that of Astin et al. and in a personal conversation with one of our interested alumni, Astin reaffirmed their published opinions just a year ago.

Kunkel

(cont. from center)

encourages a feeling of elitism. How many students on this campus could handle working with a female engineer who is more knowledgeable than themselves? Women today are not just housewives, but increasingly are key leaders in society.

Less than fifty years ago nearly every well-respected school in the nation was all-male. Today Rose-Hulman is the only all-male engineering school left in the nation.

Many people claim the addition of females to a school lowers the academic standards. Stanford and MIT are both recognized as academic leaders in engineering and yet they are both coed.

Many people have also claimed that the addition of women will take jobs away from the men on this campus. This is only true if a company wishes specifically to hire women. Today those companies don't even need to come to Rose. They can just go to Purdue. If Rose goes coed the companies will at least come to our campus.

The time has come for Rose-Hulman to go coed. Obviously there will be problems in going coed. But these problems must be challenged and solved if Rose expects to remain a well-respected school. An all-male student body will soon be considered a handicap. Rose-Hulman does not discriminate on the basis of race or religion; how can we justify discriminating on the basis of sex? To continue to provide excellent engineering graduates, Rose-Hulman must join the modern world and go coed.

Pickett

(cont. from center)

educational institution. At the same time it has prevented its students from fully understanding themselves and their society. Clinging stubbornly to an all-male student tradition from an earlier age when the college served a pre-industrial Midwest and had less than a hundred students, a faculty of a dozen or so able Victorian gentlemen, and a different name; Rose-Hulman has retained its commitment to excellence and prospered by foreseeing and adjusting to the needs of the society it serves. By making one more adjustment it can remove the one contradiction that blurs its image and prevents it from being what it says it is and easily could be.

Read "Page 9" on page 8

Bretsch

(cont. from center)

working alongside a woman or having a woman as his superior when most of his exposure to the female race consisted of partying with the "Woodsies" on Saturday nights.

I think women would excel in the Rose-Hulman environment and seeing them excel would be a good experience for Rose-Hulman men.

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Feb. 16, South Africa	Rev. Bob Epps
	Center For Univ. Ministry
	Indiana University
Feb. 23, Mexico	Ms. Christy Harrington
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Wrestlers on road

The Rose-Hulman wrestling team remains on the road this week when it travels to the Elmhurst College Invitational on Friday and Saturday and goes to Anderson College on Wednesday for a dual meet. Coach Dan McGrath's Engineers were to travel to Wabash College on Tuesday before going to the Elmhurst Tourney.

Action gets under way at 6 p.m. (CST) on Friday at Elmhurst and resumes at 9 a.m. (CST) on Saturday. Seventeen Division III schools are expected to be at the Chicago-area school, where team and top six individual awards will be presented. Rose-Hulman has never competed in the Elmhurst Tournament.

The Engineers go to Anderson next Wednesday with hopes of improving on their 2-5 dual meet record. Rose-Hulman, which has not faced Anderson in two years, is coming off a trio of dual meet

losses to some tough Division II schools at Indiana Central University on Jan. 11. The Engineers dropped a 41-8 decision to Indiana Central, lost 54-0 to Ferris State and fell 38-12 to Wisconsin-Parkside.

Heavyweight Tony Moshak was the only double winner for Rose-Hulman, earning a pin against Indiana Central and a win by forfeit against Wisconsin-Parkside. Rose-Hulman's other points were scored by 118-pounder Derin Bluhm, who gained a pin against Wisconsin-Parkside, and 142-pounder Al Carty, who drew with his Indiana Central opponent.

Following the Elmhurst Tournament and the Anderson dual meet, the Engineers travel to Missouri-Rolla on Jan. 28, for a triple dual meet with Missouri-Rolla, Washington (Mo.) and Southwest Missouri State.

Thorn Sports

Track team goes to meets

Coach Bob Thompson's Engineer track team will be in action again this weekend when it sends a split group to a pair of meets on Saturday. Rose-Hulman will send approximately 10 individuals to the Boilermaker Invitational at Purdue University and approximately 10 more individuals to the Indiana T.A.C. Indoor Junior Championships at Indiana University.

Last weekend the Engineers competed in the Indiana U. All-Comers Meet on Friday and held its own open meet on Saturday. No team scoring was kept in either meet. Just one individual placed and I.U. Brian Cavagnini placed fifth in the 300-yard dash.

Among several winners at the Rose-Hulman open meet were Dave Beil in the pole vault, Bill Sears in the 60-yard high hurdles and Marty Jones in the shot put. Some other winners included Miles Fletcher in the high jump, Gary Martin in the long jump and Kyle Hayes in the two mile run.

Following the two meets this weekend, Rose-Hulman returns home on January 31 for another All-Comers Meet.

- 600 YARD DASH - Earl Wiggins (1:22.64)
- 880 YARD DASH - Kurt Kelso (2:04.21)
- 1,000 YARD RUN - Tracy Houpt (2:27.03)
- ONE MILE RUN - Greg Gibbon (4:30.10)
- TWO MILE RUN - Kyle Hayes (9:37)
- 60-YARD HIGH HURDLES - Bill Sears (7.98)
- LONG JUMP - Gary Martin (20-7 1/2)
- HIGH JUMP - Miles Fletcher (6-4)
- TRIPLE JUMP - Randy Smith (39-10 1/4)
- POLE VAULT - Dave Beil (14-0)
- SHOT PUT - Marty Jones (48-11)

- ENGINEER EXTREMES
- 50-YARD DASH - Bill Sears (5.58)
- 300-YARD DASH - Roger Bartley (35.0)
- 440 YARD DASH - Brian Cavagnini (52.83)

Chandler's shooting does talking

Rose-Hulman's Jeff Chandler doesn't have very much to say, but that doesn't bother his coaches or teammates. They'll be satisfied to see Chandler's shooting do all the talking.

Chandler, a 6-4 forward, is very quiet both on and off the court. Yet he has been quite successful with his business-like approach.

"He's not very flashy," said head coach John Mutchner. "He just does his job and does it well."

And what Chandler does best of all is hit the outside jumper. A three-year starter for the

Engineers, the Princeton native has scored 678 points in 82 games for Rose-Hulman, and a good number of that total has come from the outside.

This season he has started all 13 games for the Engineers and has a 9.5 scoring average.

Chandler keeps his serious approach when he is in the classroom as well. He maintains a 3.403 grade point average and has made the dean's list six times. During the fall quarter he earned a 3.778 grade point.

"I just try to do my best in everything I do," said Chandler, shaking off his success.

As long as his outside shooting doesn't go speechless, the Engineers will be 'happy' with Chandler's best.

"He's the best outside-shooting big man that we have," said Mutchner. "When he's hot, he can turn a game around."

Evidence of Chandler getting hot was seen in the Engineers' victory over Olivet Nazarene earlier this year. With Rose-Hulman trailing by nine at halftime, Chandler came out smoking the second half when he hit 10 of 14 action shots and a free throw to lead the team to an 84-77 win. His 25 points were a career high.

"That was probably the best game I've had here," the soft-spoken mechanical engineering major said. "I can play that well when I get hot."

"There are no secrets to my jumper," he added. "I just play a lot and keep shooting."

Chandler will have to keep shooting and shooting well if the Engineers are to capture the College Athletic Conference championship and receive a bid to the NCAA Tournament. He has been in somewhat of a slump lately, but no one has lost confidence in his game.

"In my opinion he's the most talented player on this team," said senior Keith Kemp, Chandler's starting mate at forward. "It's just a matter of us getting the ball to him when he's open and Jeff getting into a groove. Once he gets going there's no stopping him."

See CHANDLER, p.8

IM Sports Round-Up

BASKETBALL	
Major	
L.C.A.	3-1
Ind. No. 11	1-2
S.N.	1-2
RCF	0-4
ATO	0-3
Fiji	4-0
DBP	3-0
BOWLING	
Minor A	
Ind. No. 20	8-4
Blumberg 2	8-4

BSB 2	7-5
LCA 3	7-5
BSB 3B	6-6
Triangle	6-6
Scharp No. 1	6-6
Speed 3	6-6
Ind. No. 35	5-7
Speed 2	1-11
Major	
ATO	11-1
LCA	9-3
SN	6-6
Fiji	3-9
Ind. No. 3	1-11

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ROTC

(Continued from page 3)

the total amount of the award to about \$6700 for a Rose student, all tax free.

There is a "small window" for eligible students. The deadline for applications is Feb. 27. Most Rose students will probably meet the minimum requirements which include a 2.5 GPA, meeting the Army's medical standards, and passing the physical aptitude exam.

In the past, Rose has had a "phenomenal success rate (for ROTC scholarship applicants) with 11 out of 11 applicants receiving scholarships" said Casale.

The half-year scholarships "may cut into the regular two- and three-year scholarships" in regards to the number of applicants. But the Army "really needs high-tech people" two and three years down the road.

Admissions Going Well

(Continued from p.1)

With the combination of these two and the fact that the yield (percentage of admitted students who actually attend Rose) is relatively poor, Rose-Hulman "will admit a fairly large number (of students), about 1350," according to Howard.

Despite the large number of applicants, the admissions office has "still been selective, (and) not everyone who meets the requirements is admitted," said Howard.

Chandler

(Continued from page 7)

You won't find a non-stopping Chandler when it comes to talking, though. He keeps most of his thoughts to himself and chooses his words carefully.

"Everybody likes him because he's so level-headed," said reserve forward Jeff Wheeler. "When he does talk everybody listens because he only speaks when he has something important to say. You won't see him getting rattled in a tight situation, either."

"He also has a funny sense of humor," said Kemp. "He likes to crack funny one-liners, and he can loosen the guys up in a tense situation. Since he was a freshman we've called him 'Hap,' a shortened version of 'Happy,' because he always is so solemn."

Puzzle Answer

A	P	O	D	B	A	D	M	O	L	L	
P	A	R	R	L	I	E	A	L	O	E	
I	S	L	E	A	S	P	L	I	S	T	
S	T	E	A	L	S	A	L	L	O	T	S
	M	E	T	R	E	E					
C	R	I	S	I	S	T	A	T	T	L	E
H	E	R					O	E	R		
I	S	S	U	E	D	A	N	S	W	E	R
			G	N	U	T	O	T			
P	A	R	A	D	E	T	R	E	B	L	E
A	R	A	N	N	E	E	R	O	O	D	
R	E	N	D	N	O	N	E	L	B	A	
A	S	I	A	A	N	D	S	T	E	M	

Page 9 goes home

Editor arrested, serious condition; Lunge jump opportunity

Page 5 editor Alvin Hippobooob was recently arrested for connections with terrorist bombings in Indiananoplace just after being shot in the hand by a man identified as an IRE member (Ire and Revenge Emancipators).

"We wanted to make sure the boob's hand couldn't write any more tilted propagandist opinions like the KK (Krazy Kloakers) or the KG (Klutzy Goofballs)," stated Lex K. Illum, suspect in the shooting.

Even though Hippobooob nearly bled to death, Illum might go free because Hippobooob is afraid of offending readers by too strong an action like pressing charges. "The IRE fellow took a shot at trying to stop my supposedly ridiculous bantering, and shouldn't be punished. Besides, someone other than me will have to shoot my mouth off to stop me from spreading my opinion and everyone please keep reading page 5."

Because Hippobooob is unable to teach his left hand proper grammar, spelling and style, right-

hand man Joff L. Lunge will replace Hippobooob's right hand (and the rest of his body, too.) Waldo Roseyberger, former not-so-common-sense-consultant-featured-as-an-editor will assist.

Lunge eagerly leaped into the new position and broke his leg (but and we won't go into that). When asked of his opinion of Hippobooob's bad fortune, Lunge replied, "Well, I'm glad. That is, uh, I am very glad that he is so very able to, uh, write-with-his-left-hand and, uh, no important or other parts of his body were injured. At least he can still have children. But he probably deserves to lose all of them because nobody and I mean nobody has the right to express their opinion like that terrorist? Ha! You should have seen him as editor!"

Page 5 asked Lunge about the accusation suggesting that Lunge was a conspirator in the IRE "handy" assassination. "Conspirator? Are you trying to offend me? Didn't you read Hippobooob's Page 5 policy? This is not a place for your opinion!"

Besides, now that we have cleaned house, so to speak, we are finally going to run this paper the way Chauncey Rose wants it run - right Chauncey? You see, Chauncey appears to me in dreams and tells me . . ."

All Hippobooob had to say was "I am sorry, I'm really sorry, please, oh, please, read PAGE 5."

Other comments included: "I didn't know he was so tastelessly involved with his Model UN radical friends: this is just not a funny situation," from Hulberp; "I knew this was going to happen when I saw his NOZI (National Organization for Zealous Ignorance) propaganda lying around his room," from his roommate; and Bill A. Sisting's "Jail does constitute employment of sorts, right? He is placed, right?"



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