

Rose-Hulman Institute of Technology

## Rose-Hulman Scholar

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The Rose Thorn Archive

Student Newspaper

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Winter 12-14-2001

### Volume 37 - Issue 11 - Friday, December 14, 2001

Rose Thorn Staff

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# THE ROSE

# THORN

VOLUME 37, ISSUE 11

ROSE-HULMAN INSTITUTE OF TECHNOLOGY

TERRE HAUTE, INDIANA

FRIDAY, DECEMBER 14, 2001

## McKinney named "Mr. Asphalt"

**Crystal Landreth**  
Staff Writer

Professor James L. McKinney, Roland Hutchins Distinguished Professor of Civil Engineering, was recently named "Mr. Asphalt" by the Asphalt Pavement Association of Indiana.

McKinney confirmed that for the last sixteen years, Rose-Hulman, the Asphalt Pavement Association of Indiana, and the Indianapolis Department of Transportation have made a joint effort in certifying contractors.

Every year, Rose-Hulman serves as a host to two-thousand potential contractors that must undergo a week of courses, experiments, and exams in order to gain their certification in the asphalt industry. Every three years the contractors are required to return for the week of training.

The program has been very successful, and as one of the founders, McKinney was rewarded with the title, "Mr. Asphalt".

The program has also brought many advantages to Rose-Hulman students. Since the training occurs on campus, the equipment that is used for this week of certification is also available to the students. The civil engineering department has extraordinary equipment that can't be found at other colleges. This gives the students an advantage in asphalt studies and assures their exceptional skills in civil engineer-

ing, according to McKinney.

Also, the program has been successful as a tool to spread the reputation of Rose-Hulman. The program brings two-thousand people, many of whom have never heard of Rose-Hulman, to the campus each year. "It gives people a chance to realize that there is another engineering school in Indiana other than that one in Lafayette," McKinney noted. The program is great publicity for the campus, introducing the potential contractors to the great experience and facilities that Rose-Hulman has to offer.

McKinney has been interested in civil engineering since he was a child when he spent time "building small timber bridges," he stated with a chuckle. However, it wasn't until graduate school when he realized his specialty was in asphalt pavement.

Much of his graduate work included asphalt pavement recycling. After graduate school, he continued to work in the field, working for the Indianapolis Department of Transportation.

McKinney's areas of specialization include pavement management, asphalt pavement recycling, pavement rehabilitation, and asphalt concrete mixtures.

Through his many years of experience and the founding of the training program for contractors, McKinney has truly earned the title of "Mr. Asphalt."

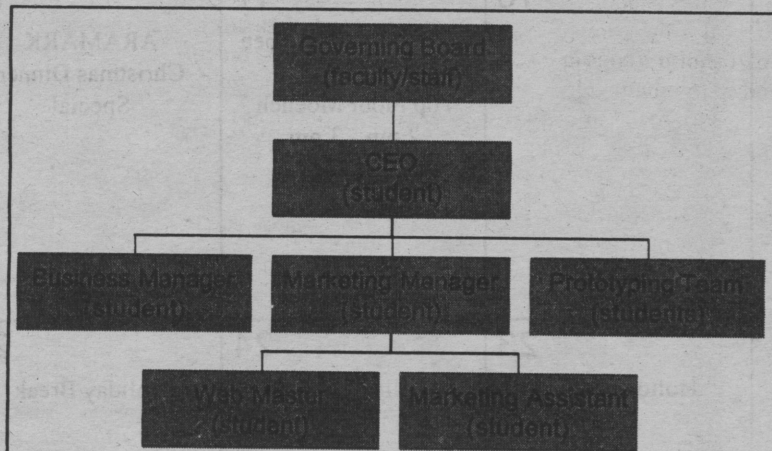
## \$2 million Lilly grant for WebMall Project

**Crystal Landreth**  
Staff Writer

For years, the extraordinary student projects that are developed in the Myers Center have only been shelved away. While the projects have significant potential, the ideas never reach companies or organizations.

For example, Arthur Western, interim dean of academic affairs, described two projects that allowed physically challenged children to perform daily activities. One child only wished to brush her own hair. To make this wish a reality, Rose students created a device to make this possible. Another device allows a physically challenged child to type on a keyboard. Both of these projects have the potential to improve the lives of many people; however, their use was limited to just one individual.

In order to publicize these student projects, a writing team consisting of Gloria Rogers, vice president for IRA; Dan Moore, interim associate dean of faculty; Tom Mason, engineering management professor; Kevin Hewerdine, director of career services; and Arthur Western proposed the WebMall Project to the Lily Endowment Foundation. The foundation agreed to grant a total of \$1,992,000 for the WebMall



Source: Dan Moore

The organizational chart for the new Webmall Project puts students in complete control of the projects.

Project.

Dan Moore stated that the project consists of two components. First, the project allows for the continuation of funding to entrepreneurial companies that hire Rose-Hulman student interns. Many entrepreneurial companies that are just starting up can't afford to hire interns. In order to provide opportunities for students, Rose-Hulman helps the companies provide wages for these internships.

Second, the majority of the granted money will be used to actually promote the student projects on the Internet. The WebMall Project will serve as a showcase for

the student created devices, allowing for these ideas to be presented to companies. The student projects will no longer be simply shelved away, but given the opportunity to be manufactured and widely used.

The main goal of the WebMall Project is to attract entrepreneurial companies to Indiana, providing students with greater opportunities. The project will allow the companies to contact the students and work to create a product with the students' ideas. The WebMall will be run completely by Rose-Hulman students according to Moore.

(Continued on Page 3)

## Susan Smith named "Sagamore of the Wabash"

**Nicole Hartkemeyer**  
Staff Writer

The director of the Learning Center and Homework Hotline, Susan Smith, was recently awarded the title "Sagamore of the Wabash," by Indiana Governor Frank O'Bannon and Indiana Representative Clyde Kersey. The award is the highest honor that the governor of Indiana can grant. It is a personal homage given to individuals who have rendered a distinguished service to the state or to the governor.

Susan Smith was presented with the award due to her efforts to help Indiana middle-school and high-school students improve their math and science skills through the Homework Hotline and other educational programs. The governor stated in a letter to Susan, "You have distinguished yourself by your humanity in living, your loyalty in friendship, your wisdom in council, and your inspiration in leadership ... Indiana is better off today because of

your dedication to it and your fellow Hoosiers."

The term "Sagamore of the Wabash" was first used by north-eastern United States Native Americans to represent a lesser chief or other great person among the tribe to whom the chief would look to for wisdom and advice according to the background information that came with Smith's award. The award was created during the term of Governor Ralph Gates (1945-1949).

Gates attended a meeting in Louisville with officials from Ohio and Kentucky while he was in office. It was discovered that the governor of Kentucky at the time was planning on presenting Gates with a "Kentucky Colonel" certificate. Gates decided that there should be an appropriate award to present in return. Ever since then, each governor has reserved the right to select the recipients of the "Sagamore of the Wabash" title.

Past awards have been given to astronauts, presidents, ambassa-

dors, artists, musicians, politicians, or regular citizens who have contributed greatly to Hoosier heritage. Each governor has presented the award in his own way. One governor even resorted to wearing a full Indian headdress as he read scrolls containing the names of award winners. The "Sagamore of the Wabash" title has been given to both men and women since its first acknowledgement, and no record of the total number of awards given has been kept.

The main reason Smith received the title is for her work done with the Homework Hotline. The program began in 1991 and was developed to encourage Indiana students to improve their math and science skills. The program has seen remarkable success since its start. So far it has served over 96,000 students in 130 schools in Indiana. Last year the hotline rang in 8,080 calls and is projected to receive about 10,000 calls this year.

(Continued on Page 3)



Photo courtesy Rose-Hulman

Susan Smith, director of the Learning Center and Homework Hotline receives the "Sagamore of the Wabash" award. The award is the highest honor the Indiana governor may grant.

### OPINIONS

Grade inflation

Page 4

### ENTERTAINMENT

Video game systems, movies, & music

Page 5, 6, 7, & 8

### SPORTS

Rose basketball begins this Saturday at 2pm!

Page 10 & 11

### FLIPSIDE

Need Christmas ideas?

Page 12

### WEATHER WATCH

FRIDAY

Rain /Hi 42-Lo 33

SATURDAY

Partly Cloudy/Hi 50-Lo 38

Information courtesy The Weather Channel

# CAMPUS CALENDAR

					14 Mike Rayburn Concert Union 7:30 pm	15 Bikes for Tykes' Assembly Day 8:30 am - Noon
16	17 ROTC Holiday Open House Top Floor Moench 2 pm - 3 pm	18 ARAMARK Christmas Dinner Special	19 Student Activities Board's Dance Lessons SRC 8:30 pm - 9:30 pm	20	21	22 Holiday Break
23 Holiday Break	24 Holiday Break	25 Holiday Break	26 Holiday Break	27 Holiday Break	28 Holiday Break	29 Holiday Break
30 Holiday Break	31 Holiday Break	January 2002 1 Holiday Break	2 Holiday Break	3 Holiday Break	4 Holiday Break	5 Holiday Break

We're not like every  
other high-tech company.  
We're hiring.

No one told you the hardest part of being an engineer would be finding your first job. Of course, it's still possible to get the high-tech work you want by joining the U.S. Air Force. You can leverage your degree immediately and get hands-on experience with some of the most sophisticated technology on earth. To find out how to get your career off the ground, call 1-800-423-USAF or visit our Web site at [airforce.com](http://airforce.com).



U.S. AIR FORCE

## Club Pictures Attention Clubs and Student Groups

Yearbook pictures will be taken 5th week. E-mail Katie Weiss with the group name, meeting location, and time.  
[Katherine.Weiss@Rose-Hulman.edu](mailto:Katherine.Weiss@Rose-Hulman.edu)

### SUBMISSIONS

Events may be published in *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 *Events* in the *Rose Thorn* on Friday.

WebMall Project continued from page 1:

A governing board was recently chosen to include Dan Moore (chairman), Tom Mason, Rob Coons, vice president of business and finance, Darrell Gibson, professor of mechanical engineering, Thomas Descoteaux, associate professor of civil engineering, and Michael Wollowski, associate professor of computer science. The board will serve just as any other board governs a company. They will meet occasionally and interact with a CEO. However, the CEO and all of the managing and financial staff will consist of students.

The governing board will be meeting soon to discuss the responsibilities, duties, and wages of the student CEO and staff. Applications for this position will be available upon returning from Christmas Break. The governing board is looking for an upperclassman to take this role. After the CEO is chosen, the remaining staff will be selected based on the CEO's input.

Smith continued form page 1:

The toll-free answering service is available Sunday through Thursday from 7-10pm during the school year. It gives Rose-Hulman students an opportunity to help Indiana youth to better understand the complexities of mathematics and science.

Recently, Lilly Endowment Inc. presented the Homework Hotline program a \$2.6 million grant to expand its program state-wide. Starting in the 2002-2003 school year, the benefits of the hotline will begin to reach students across the entire state of Indiana. Smith's reply to the accomplishments of the program was, "The success of the hotline is due to the hard work and dedication of the tutors." She also added, "The entire staff at the Learning Center and Homework Hotline work as a team and that's why the programs are successful."

A native of Terre Haute, Smith attended school at Indiana State University where she recieved her degrees in English. After college, she taught at ISU and IUPUI in Indianapolis before coming to Rose-Hulman in 1987. Along with her role as director of the Learning Center and Homework Hotline, she is an assistant professor of English and is involved in numerous community and professional activities

The governing board expects students from all classes to fill these occupations. Dan Moore, chairman of the governing board, stated that it would be necessary to hire many underclassmen for these positions in order to have experienced workers for future years.

In order to get the WebMall Project started, the governing board will decide on the first projects to highlight before turning all responsibilities over to the students. This will give the students and entrepreneurial companies an idea of what can be expected from the project.

The WebMall Project has the funding and potential to provide several great opportunities for students, entrepreneurial companies, and Rose-Hulman. The only component that the project is currently lacking is the student leadership necessary to turn the project into reality. Under the supervision of Rose-Hulman students, the WebMall Project can be a great success.

and organizations.

Smith's community activities include being the president of the Board of Directors of Leadership of Terre Haute, belonging to the Board of Directors of Vigo County Historical Society, and the BOD of the Miss Indiana scholarship program. The Unity Organization, the Presbyterian Church, PEO, and Union Hospital Service Link are among the other community organizations she is involved with.

On a professional level, Smith is a part of the National College Learning Center Organization, WEPAN (Women Engineering Program Advocate Network), and ASEE (American Society of Engineering Education).

Smith declared that she felt very shocked but very honored to receive the award. She stated, "While I was growing up, my parents always stressed the importance of giving back to the community and showed me through example the sense of satisfaction one gains from helping others." She expressed that she feels fortunate to be a member of the Rose-Hulman community and that her accomplishments are a result of Rose-Hulman's support and encouragement. Receiving the award, she said, just shows that people working together can make a difference.

MATH CORNER PROBLEM OF THE WEEK

Problem:

Given a collection of  $n$  distinct points  $\{P_1, P_2, \dots, P_n\}$  in a plane, with  $n > 3$ . It is not possible to arrange the points in such a manner that a every straight line contains exactly three points in the collection  $\{P_1, P_2, \dots, P_n\}$ . However, for some values of  $n$ , it is possible to arrange the points in such a manner every two points in the collection defines a unique curve and every such curve contains exactly three points in the collection. Provide an example of such an arrangement and connecting curves.

WARMUP EXERCISE: Consider four points [for instance, the vertices of a rectangle ABCD]. Draw a curve through ABC and ADC [the vertices B and D are opposite corners of a rectangle]. Show that it is impossible to draw a curve containing B and D which satisfies the above conditions because if the curve contains A, then it must the unique curve through A and D, which means it must contain C. Therefore, it must contains four points not three.

HINT: It can be done with a value of  $n$  less than 10 and greater than 4.

Contest Rules:

1. Contest is open to all students at Rose-Hulman.
2. The best solution as judged by members of the math faculty will be awarded two new dollar coins. (See solution criteria below)
3. In case of a tie, each winner will be awarded a new one dollar coin.
4. Solutions must be submitted by 1:00 p.m. on Wednesday to David Finn at G 213.
5. If no correct solution is submitted. No prize will be awarded.

Solution Criteria:

- Solution must be correct.
- Solution must be documented or explained.
- Clarity of solution. Solution should be easily understood.
- Elegance of solution. Number of steps should be minimized without affecting clarity.

Available on the web at  
<http://www.rose-hulman.edu/~finn/mathcorner/pow.html>

Army/Air Force ROTC  
Open House  
Top Floor of Moench  
Monday 2-3 pm

ARAMARK  
Christmas Dinner Special  
Tuesday, December 18



Better Ingredients.  
Better Pizza.

Rose-Hulman

1234 Wabash Ave.  
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Rose Special

Campus Only

Large One Topping

**\$5.99**

Open

Monday through Saturday  
10 AM to 2AM

Sunday  
12 PM to 12AM

Unique Dorm Room?  
Great Christmas Decorations?

The yearbook is looking for outstanding rooms. Submit a photo of your room or arrange to have a photo taken. Photos can be sent to CM 927 attention: yearbook rooms E-mail Katie Weiss to arrange to have a photographer stop by and take a picture.

Katherine.Weiss@Rose-Hulman.edu

# Letters to the Editor

The purpose of any college is to educate. Quality colleges like Rose-Hulman strive to create a friendly learning environment, and they have succeeded. Everywhere a student turns at Rose there is academic help. Have a hard homework assignment? Just turn to your classmate down the hall, and he or she will be more than willing to give a helping hand. This kind of camaraderie maximizes a student's ability to learn. I mean, come on, if a person wanted to learn on his own, would he attend college? Of course not, he would be at home with his nose in his book. People come to college to learn not only from the professors, but also from each other. Experts in the education field are in panic over grade inflation. New grading systems have been purposed where if there were a lot of A's in a class, then your A would be less important in configuring GPAs. Actions like this one and others trying to differentiate the best from the best would turn a friendly learning environment into a pit of cold-hearted competitors.

Would you help a fellow student if your grade could suffer if he or she did well? No. Competitive-ness would overcome the students. No longer would you want your classmate to do well. If he gets an A, then your A is potentially less important. It is not right to punish the students for everyone in the class learning the material

well. What if the students just had a good professor who made even hard material understandable? This is not the answer to grade inflation.

I concede to the fact grade inflation is occurring, but not to the degree some statistics are reporting. Social pressures are also impacting grades. C's which were once acceptable are now considered failing to many students. I

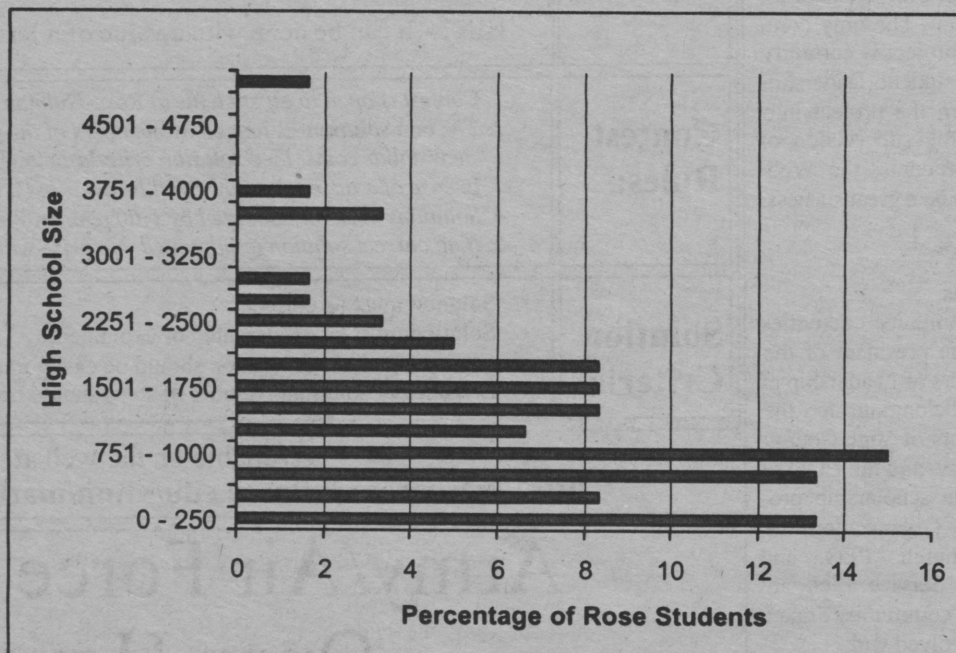
believe the importance of grades has increased over the years, and students realize this fact. The competition in the workforce is very fierce, and students are fighting to get in a good college, receive good grades, which they have earned, and therefore get a good job from the start.

Jessica Gross  
CO '05

Write for Thorn. Thorn good. Not writing bad. So come to Thorn and write because writing good. When you write for the Thorn you become happy. We become happy. Happy is good. So writing is happy.

-Curt Geen

## Question of the Week: How many students attended your High School?

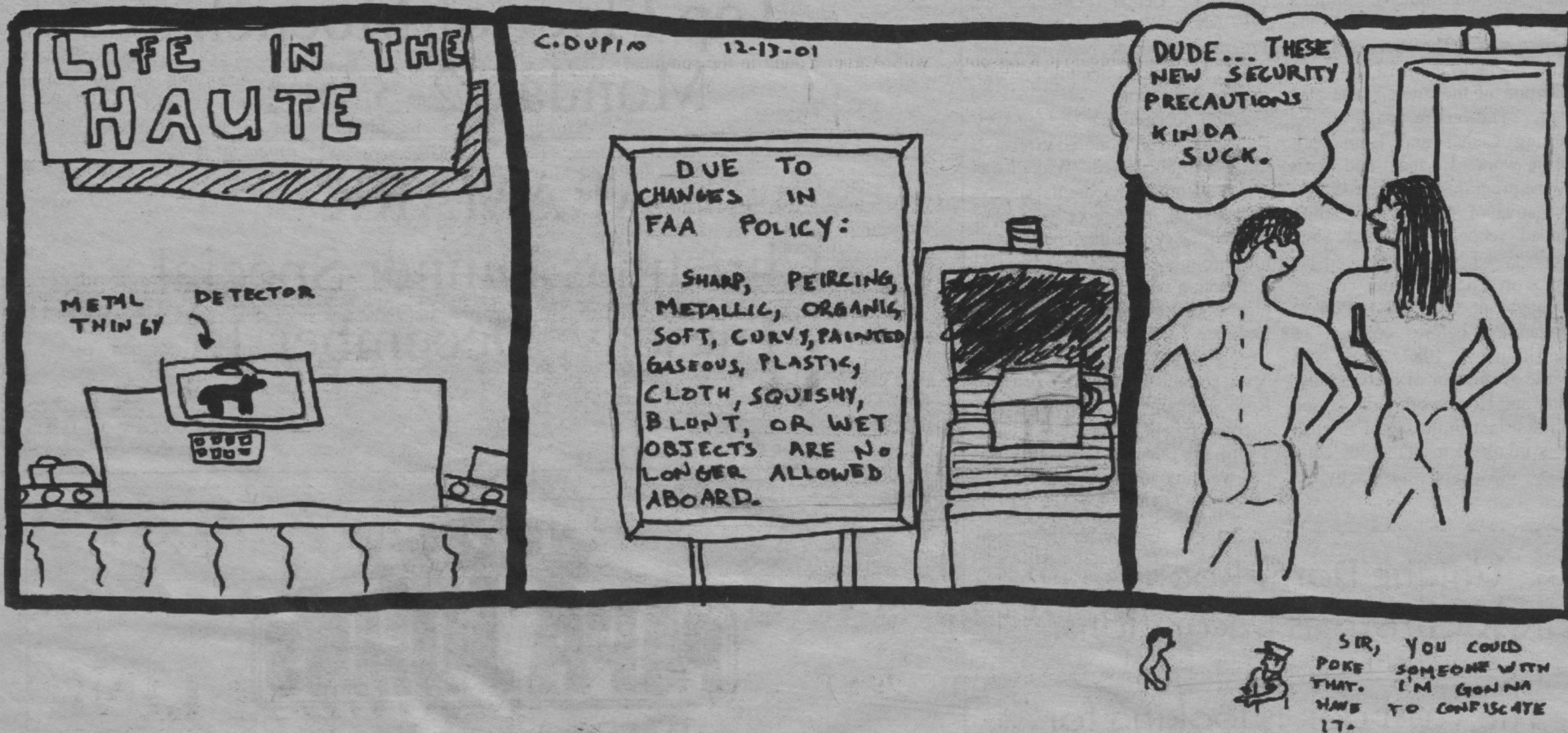


Smallest:  
94 Students

Largest:  
5200 Students

Average:  
1308 Students

\*\*Note: Percentages are taken on random sampling of 60 students attending Rose-Hulman.



### Editorial Staff

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## The Rose Thorn

5500 Wabash Avenue  
 Terre Haute, IN 47803-3999  
 Phone: (812) 877-8255  
 Fax: (812) 877-8166  
<http://www.rose-hulman.edu/thorn>

*"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  
 first through ninth week each quarter

### Thorn Staff

Writers Tony Bergstrom, Alison Burgess, Court Caldwell, Jason Caron,, Dave Drapac, Walt Flood, Joshua Gregory, Nicole Hartkemeyer, Crystal Landreth, Jason Lucas, Ryan Prince, Natalie Morand, Chris Scribner, Laura Slaybaugh, Brandi Soggs

Photographers David Evans  
 Don Harrington

Cartoonist Chris Dupin

The Rose Thorn welcomes and encourages comments from its readers. We request that all letters to the editor be less than 300 words in length. E-mail is the preferred method of communication. The editors reserve the right to edit letters for grammar, clarity, and length.

All letters must contain the writer's signature (electronic form is acceptable) and contact phone number to confirm the letter before publication.

**ALL LETTERS TO THE EDITOR MUST BE RECEIVED BY NOON ON TUESDAY BEFORE PUBLICATION**

The views expressed in the Thorn are those of the original author and do not necessarily represent the views of the Thorn staff or Rose-Hulman community.

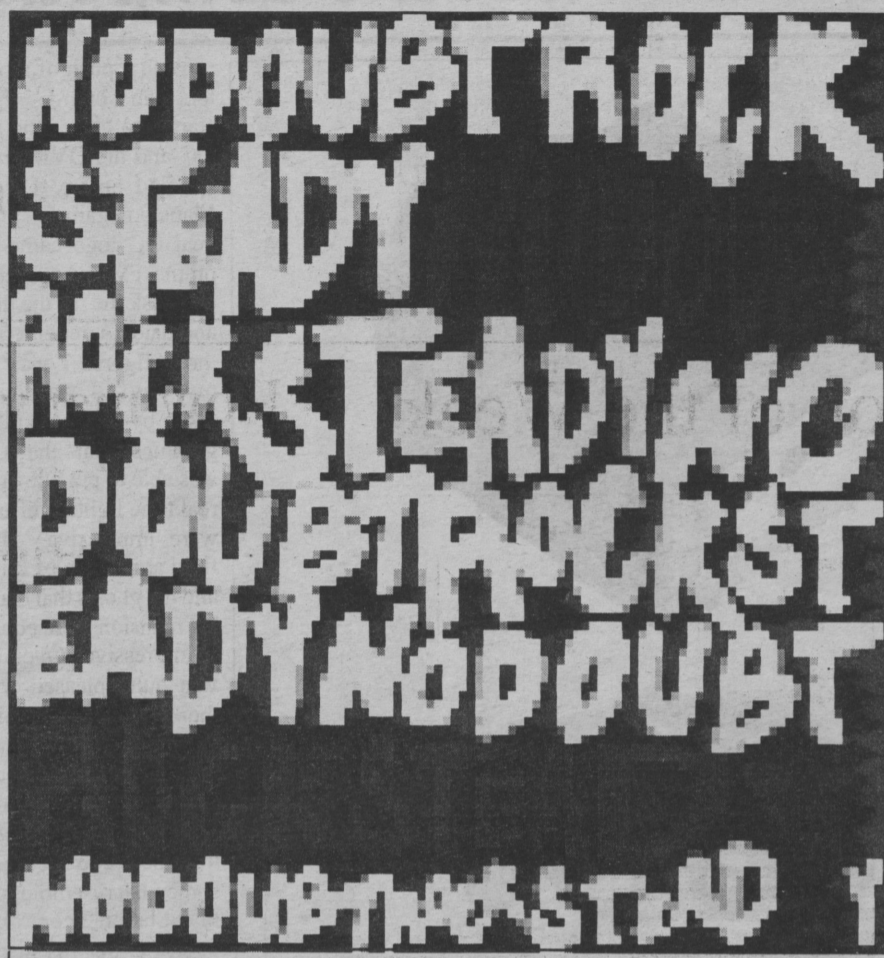
# No Doubt that there are better albums available

Jason Caron  
Staff Writer

No Doubt

Rock Steady

You can pass  
on this one



www.nintendo.com

It seems like the graphics artist rode a short bus to school

I'm sure most of you have heard of the band named No Doubt. I'm sure even more of you know who Gwen Stefani is. Despite all the Gwen hype, she really takes a lot of attention away from the band and many people don't realize that there are other members of the band besides her.

At any rate, No Doubt released their fifth studio album on Tuesday, December 11th, which was titled, "Rock Steady." It has been a year and a half since they released their last album, "Return of Saturn" back in April of 2000. Much of the reason for this is their intense touring, and Gwen's work with other artists such as Moby and Eve on solo tracks. Songs from No Doubt usually tend to send most of us back to our high school years reminiscing of good times.

Back in December of 1986, lead vocalist John Spence and the Stefani's, Eric on keyboard and his sister Gwen on back-up vocals, formed No Doubt. The band was originally a high school ska band based in Orange County, California where most of the band members grew up. Their first gig was at Fender's Ballroom in Long Beach, California on March 14th, 1987.

One of the individuals in attendance who showed up to try out had

no experience and was still a high school senior. With little difficulty due to the fact that the band needed a replacement for their former bassist, Tony Kanal, the high schooler in question became the new bass player of the band. He cited the ska influence of growing up in Kingsbury, England as his main influences for liking the band's relatively new music style. Kanal soon after became the band manager and Gwen's boyfriend (foreshadowing).

The new band suffered tragedy early in their career when lead sing-

er Spence shot himself in Anaheim Park. Despite the loss, the band pushed ahead. In the spring of 1988, they recruited guitarist Tom Dumont who added a heavier edge to their ska sound and the band also replaced former drummer Chris Webb with Adrian Young in the summer of 1989. They then embarked on a string of tours opening for such well known bands as the Red Hot Chili Peppers.

No Doubt's first big break came in August of 1991 when they landed a recording contract with Interscope

Records. Six months later, they released their debut self-titled album. The album virtually flopped, selling little over 30,000 copies. Still, the band pushed forward and began recording again. In early March, the band bought time to finish their next major album by releasing "Beacon Street Collection," which managed to sell over 100,000 copies.

Meanwhile, major changes influenced the trend of their next album, which had been in the process of recording for over 2 and a half years in eleven different studios. In 1994, keyboardist Eric Stefani left the band and began a career as an animator for "The Simpsons."

Also, Konal broke up with Gwen after a 7-year relationship and an event which influenced her to write the hit "Don't Speak." The new album, "Tragic Kingdom" was finally released on October 10th,

with Gavin Rossdale of Bush) has only one hit, "Ex-Girlfriend," and doesn't achieve the glory of their previous album.

In a recurring trend, their newest album has one hit on it, "Hey Baby," which is their current single. The rest of the album pretty much annoys the heck out of me. If you listen carefully, I'm sure you can understand why. It seems like the majority of each song is the chorus, played over and over and over and over and, well you get the idea.

If they would have cut back on the chorus work and put a little more into writing verses, it may have turned out better. In fact, whenever I started to like any particular song, the repetitive choruses would soon kill all positive feelings I had. If you really listen to it, "Hey Baby" is the same way, but the song just has a catchy beat and lyrics to it, although Gwen's "Girls say, Boys say" gets a little annoying in its current tone.

If you look at it in terms of time, this album was released faster than all of No Doubt's previous releases. If this has any affect on the quality of the tracks, I would say spend the extra few years to put out something decent.

Tragically for No Doubt, I am going to have to give this album a D rating. The one good song on the album does not quite make up for the generally annoying and repetitive tone set by the rest of the tracks. Hardcore No Doubt fans can pick up this one, but keep in mind that their newest was not influenced by any of Gwen's relationships, and is merely an attempt by the band to "just have fun" according to NoDoubt.com. They have a lot of work ahead if they are to get back to their "Tragic Kingdom" days.

## Spin Party on Sunday

Emily Holzknecht  
Monkey Guest Writer

Spin Party

Come learn to DJ

Sunday

Quadrant, this program serves as an opportunity for WMHD's electronic DJs to perform weekly as well as to bring you the latest and greatest in electronic music only on 90.5 FM.

"All through high school, my true love in music was electronica," says Brandon Invergo, current electronic music director for the Broadcasting Club. "WMHD has given me the opportunity of a lifetime, providing me with access to DJ equipment and a record collection which I could not have housed nor afforded otherwise. I've also gotten great advice from other students. Thanks to the Monkey, I have been able to achieve DJ-success which I'd never thought possible."

Student DJs are also asked to spin at WMHD's own series of "Hear No Evil" electronic parties. From this chance to practice performing in front of an audience, WMHD DJs have gone on to spin at clubs and raves.

As DJ Jay Brotz put it: "Spin parties are cool. You get to hang out with people who like the kind of music you like. It's like a quilting club, only cooler."

If you are interested in learning how to mix records and/or would like to come to the Spin Party this Saturday, email [personnel@wmhd.rose-hulman.edu](mailto:personnel@wmhd.rose-hulman.edu) for more information.


This Sunday, the Broadcasting Club (WMHD) will be hosting its 2nd Spin Party of the year.

Since its conception in the fall of 2000, this quarterly event has given Rose-Hulman students the opportunity to gather under the common interest of electronic music. Whether their interests lie in becoming DJs for radio or for parties, WMHD Spin Parties give novices the opportunity to learn to mix electronica records, as well as giving more experienced DJs a means for getting tips from others, not to mention that everyone gets the chance to dance and just have fun.

WMHD has a long history of electronica DJs. The station's extensive collection of electronica music includes Trance, Techno, House, Drum N Bass, IDM, Hardcore and more on both CD and vinyl. 10-12pm every night, WMHD the Monkey, brings its listeners the only genuine electronic radio show in Terre Haute. Known as the Groove



## WMHD THE MONKEY 90.5 FM

	MON	TUE	WED	THU	FRI	SAT	SUN		
2:25	Radio Theater		Classical starting at 2:00	<b>REQUEST LINE</b> 877-VERN					
3:20			Classical					1:00	Listen to find out
4:15	Trip Hop	Sports	Jazz	Hippy 60's	2:00	Listen to find out	3:00	Christian	
5:30	House	Music/ Trivia		Punk & Bluegrass	All	4:00	Punk & Ska	5:00	Bluegrass
7:00	RADIO EVOLUTION The newest music including this week's TOP 30 albums				6:00	RADIO EVOLUTION Top 30 New Albums			
8:30	MONKEY HAUS ROCK loud rock—punk—metal—industrial—hardcore				8:00	MONKEY HAUS ROCK loud rock & punk			
10:00	GROOVE QUADRANT electronica—DJS SPINNING LIVE—techno				10:00	GROOVE QUADRANT techno & electronica			
12:00		Hip Hop	<b>Want to be a DJ??? CALL 877 - 8350</b>				12:00	TMBG show	

## Gamecube boxes out the competition

Nick Privette  
Staff Writer

### GameCube

#### Features

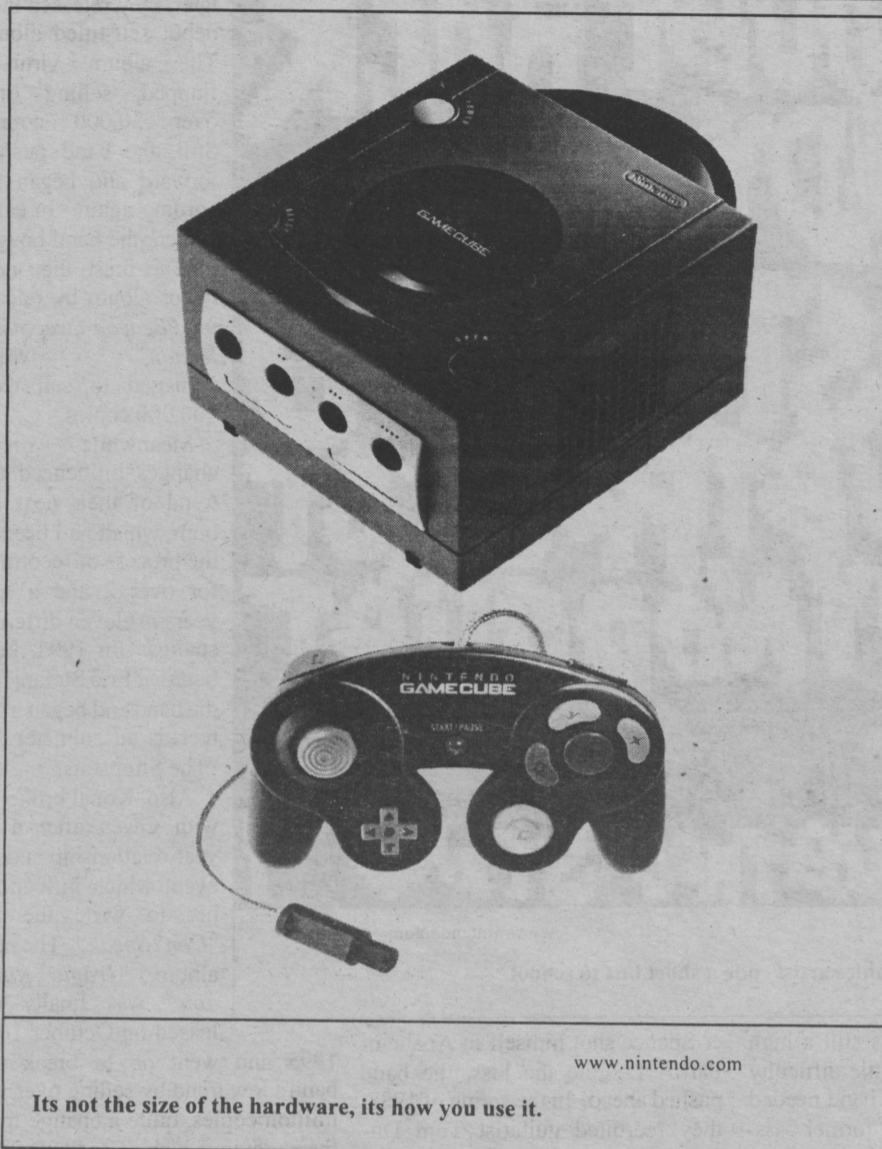
Small  
Nintendo Games

Codenamed "Dolphin," the new Nintendo game system, the GameCube (GC), was released the 18th of last month. I ventured to the Super Walmart in Fayetteville, NC, which is 10 times as bad as the one here, at midnight to pick up my system. I waited in line as they handed out tickets in some effort to organize the distribution process. To my surprise, it actually worked. About 15 minutes later and \$200 poorer I had my purple GC.

Some may ask why I chose the purple one; I think it just looks better. I purchased Luigi's Mansion that night with the console. The next day I picked up Star Wars Rogue Squadron 2 and a memory card. I added FIFA 2002 and another controller to my collection this past week.

The GC looks small in pictures, but you don't get the full grasp of its size until you take it out of the box. It is comparable to the size of the old-school phones that are included in the dorm rooms, but in the shape of a cube. Hmm, maybe that is where the name came from.

The media Nintendo chose for the games is a 1.5gig mini DVD. These things are tiny as well. They were implemented as a form of copyright protection. I just think they look pretty cool. There are four control-



Its not the size of the hardware, its how you use it.

ler ports for great four-player action. Under those ports are two ports for memory cards. The memory card put out by Nintendo is half a megabyte in size. This may seem small but I haven't filled mine up yet.

Proprietary connections for a future modem or broadband are found at the base of the cube. There is a component video out on the back for those lucky enough to have a TV that can use them. I on the other

hand use the regular AV cables that came with the GC. This is the same set of cables that has been in use since the Super Nintendo.

For all of the technical buffs out there, the GC uses a modified 486MHz IBM processor, named Gecko, at its core. The video processor is an ATI chip running at 162MHz. This along with the fast one transistor ram gives the GC its stunning graphics.

With a push of a button, an orange light started to glow atop the GC and the DVD drive spooled up my Luigi's Mansion game. The neat GC logo came up on the TV and proceeded to ask me for the time and date. After entering those figures I was on my way. I was quite taken by the sharp clear graphics that the GC was able to put out. The real time lighting effects were impressive. The fluid animation of Luigi and the ghosts that haunt his mansion were equally impressive. Overall I was quite pleased with the graphical capabilities of the GC.

Now a word on the controller. Nintendo did an awesome job designing the controller. It somewhat resembles the Play Station 2 controller in shape, but fits in my hands much better. There are two analog sticks, one placed up and to the left and another placed to the lower right. The bright yellow analog C stick is used mainly for camera rotation as were the C buttons on the N64. There is a Game Boy Advance size D pad included as well. I haven't used this as much because the analog stick is preferred for most games. I assume that the smaller sized D pad shouldn't be hard to use since I didn't have any problems playing a Game Boy Advance.

The button configuration is a little unexpected. There is a big green A

button surrounded by two crescent shaped gray buttons, the Y and X buttons. The small red B button lays off to the left of A. There are two analog right and left trigger buttons similar to those found on the Dreamcast controller. As an added feature you can push those all the way down until they click for use as an extra button. This works well with several of the games I have played.

The only setback of this controller is the placement of the Z button. It is placed above the left analog button. Who ever came up with that bright idea should be shot. Though at first this configuration seems a bit awkward, it quickly becomes second nature. As for overall comfort, after a while it doesn't feel like you are holding a controller. Well, that may be taking it a little too far, but you get the picture.

The system launched with several good games. In fact, more games were available at system launch for the GC than any other Nintendo system in the past. The quality of games available for the GC is what persuaded me to pick one up. Nintendo has a wonderful track record and is known for making fun and innovative games. With the recent release of Super Smash Bro's Melee and Pikmin, Nintendo has lived up to its expectations of putting out quality games. I have been very pleased with the games that I have played for the system. They all have improved graphics compared to the earlier systems and they are all fun to play. At times I don't want to put down the controller and stop playing.

For anyone interested in the GC I highly recommend picking one up. At a starting price of \$200 you can't go wrong. Any devout fan of Nintendo who doesn't own one yet should get one. You won't be disappointed.

## Gameboy Advances

Peter Smith  
Staff Writer

### Gameboy Advance

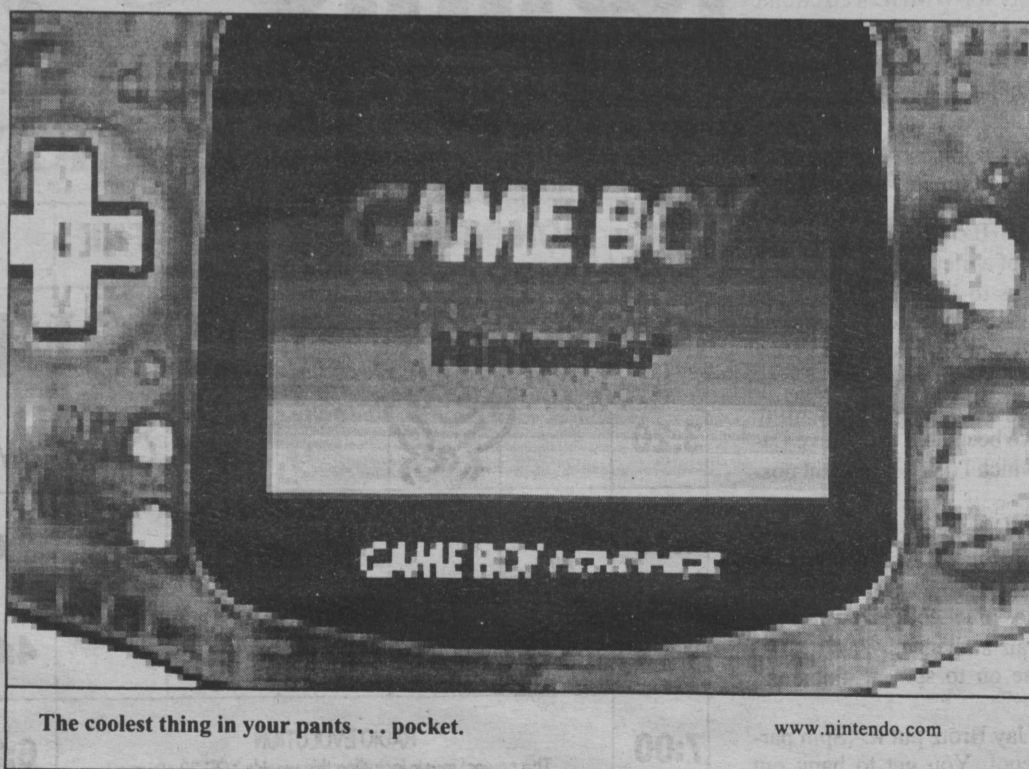
#### Features

32-bit ARM Processor  
High Resolution

We are entering a new era of video gaming and chances are you are getting ready to purchase your next console system. Videogame systems are connected to almost every television in the world, and Sony, Microsoft, and Nintendo seem to stop at nothing to make sure you decide to use their system for the next few years.

The new hardware being released by each is impressive, but none of these are worth a dime without a television. The on the go choice is so much easier to make. The only choice is the Nintendo Gameboy Advance. Luckily this little system is amazing.

The Gameboy Advance is the newest iteration of Nintendo's handheld system. The changes made this time around, however, are remarkable. This system boasts a thirty-two bit processor manufactured by ARM that is very similar to



The coolest thing in your pants... pocket.

www.nintendo.com

the chips used in many cell phones. The orientation has been changed to a vertical layout, which spreads the buttons out and relieves some of the hand cramping caused by the original. Advance also has new shoulder buttons.

The processor is also backwards compatible to the original Gameboy's z80 processor, which is a modified version of the processor found in the TI-85, giving you ac-

cess to the hundreds of games already available for previous Gameboy systems. Keep in mind, the old game cartridges will stick out the top of the system.

The new screen is 240x160 and can display 256 colors on backgrounds and an additional 256 colors on characters. This higher resolution and richer color depth come at a cost. It is exceptionally hard to see the screen in some light-

ing conditions. Actually, it is hard in almost every lighting condition except near direct light at an angle that does not reflect right into your eyes. That is by far the biggest drawback of this little wonder.

Game

wise, you can get games of all types. Tony Hawk is actually well done on this system. There is a port of Doom, which is almost identical to the PC version. Mortal Kombat and Street Fighter are very similar to the arcade version. On top of this Nintendo has begun porting all of their classic Super Nintendo games to the new system. The Super Nintendo port of Mario Kart is a richer ex-

perience on the Gameboy Advance than it was on Super Nintendo because they mixed features from both the Super Nintendo and Nintendo 64 versions of the game to create the Gameboy Advance version.

Many of the games available for this system are multiplayer. You can link up to four Gameboy Advances together to play many of the games. Also, you only need one copy of some games to play them multiplayer. With the older system, you had to have a copy of the game for each player.

The price of this system is under a hundred dollars. Games cost between twenty five and fifty dollars. Also, the available Gameboy Color games can be picked up for as low as ten dollars. Pricewise, the Gameboy Advance cannot be beat but it will not be anywhere near as impressive as any of the new console systems currently available.

What it comes down to is this system is a computer engineer's dream. It is the all time coolest embedded system designed by anyone up to this point. If you cannot find a way to have fun with this system in your hands you're dead, or the lights are off. If you're thinking about buying a Gameboy Advance stop thinking about it and go buy it.

**Weekend Box Office Summary**

Title	This Weekend
1 Ocean's Eleven	31.1m
2 Harry Potter	14.7m
3 Behind Enemy Lines	8.0m
4 Monsters, Inc.	6.5m
5 Spy Game	4.4m
6 Black Knight	3.1m
7 Shallow Hal	2.5m
8 Out Cold	1.3m
9 Fabuleux destin d'Amelie	1.0m
10 Domestic Disturbance	0.3m

**This Week's Releases:**

Vanilla Sky

Not Another Teen Movie

Royal Tenenbaums

**Ocean's 11 times better than the other movies**

**Peter Smith**  
Staff Writer

*Ocean's 11*  
Rated R  
\*\*\*  
Starring  
George Clooney  
Julia Roberts



There are a ton of famous people in this blockbuster

www.imdb.com

I did not see the original film, but I bet it was better than this one based solely on the reputations of the actors. I do not believe anyone can touch the quality of fun and brother hood seen in every Rat Pack film ever made. If it is possible, this is the one group that might be able to pull it off. So, you should definitely take a look at this film, but don't expect a classic, just expect to have fun.

So, I need to rate this film now. On a scale of zero to four where four is a classic and zero is a number less than one, I give this film three stars.

If you go see this film you will have fun. You will not feel robbed, which says a lot considering the price of a movie today.

Most importantly you will not sit there checking your watch wondering when you will finally be free to leave that annoyingly uncomfortable chair and move away from that smelly fat man who could not find any seats that were not right next to you, forcing you to have homicidal thoughts about the man, but you realize the smell of rotting flesh will just make the experience that much more unpleasant. Besides, what if he got on your popcorn? You won't feel like that at all!

Ocean's 11 was the only new release last week, and the other movie studio's were right to not go directly against this blockbuster. The remake of an old Rat Pack film follows 11 criminals as they try to rob a casino.

Seems sort of cut and dry, but in Hollywood, casino owners do not just kill everyone who seems even slightly suspicious and dump their dead bodies in a marsh fifteen miles outside of New York in a small New Jersey town populated only by people who know better than to say anything.

Where was I? Oh yeah, Ocean's 11 may be a little unbelievable but it's a really fun movie that is well worth seeing, and this week more good movies are coming out.

Director George Clayton Johnson is one of the best directors running around Hollywood forcing interns to fetch him coffee while stepping on people smaller than he is. However, Johnson has actually earned the right to do just about whatever he wants.

He is the director of both Erin Brockovich and Traffic. With a number of Oscars under his belt, he obviously decided to have some fun this time. There is not a better film he

could have chosen to remake to have fun with. This remake is not one of those horrible remakes that have come out in recent years like Charlie's Angels.

Staring George Clooney (Three Kings, Batman), Matt Damon (Good Will Hunting, Rounders), Andy Garcia (God Father, The Untouchables), Brad Pitt (Fight Club, Snatch), Julia Roberts (Pretty Woman, Erin Brockovich), Casey Affleck (American Pie, American Pie 2), Scott Caan (Varsity Blues, Gone in

60s), and Bernie Mac (Players Club, The Bernie Mac Show), Ocean's 11 better make a ton of money or they will not be able to pay all of these people. The truth is the main actors in this film are George Clooney, Andy Garcia, and Julia Roberts.

George Clooney plays Danny Ocean, the guy who amasses the 11 men to pull off the heist. Andy Garcia plays Harry Benedict, the gangster-like casino owner who is the target of the robberies. Julia Roberts plays Tess, the ex-wife of Danny

Ocean and the new girl-friend of Harry Benedict. This relationship is where the movie proves to be truly interesting.

Ocean wants to rob the casino, get his wife back, and not be a target of Harry Benedict for the rest of his life. This of course requires a lot of really fun movie magic that will make you laugh, scream, and stay engaged for the whole three hours this movie plays. Just make sure you have gone to the bathroom before sitting down for this one.

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## Play Station 2 legit to quit

Seth Johnson  
Staff Writer

Playstation 2

Buy It Now

Built in DVD  
Dolby 5.1 Audio

Ah, the memories. I can still remember the day I purchased my long awaited Play Station 2. Like the other 60% of the gaming population, Play Station 1 with all of its spectacular games and superior graphics hooked me in. There was no reason not to buy a Play Station 2 (PS2), especially since it could play all of my old Play Station 1 (PS1) games as well.

Play Station 2 is really the only gaming console you need to buy, or rather should buy. Let's face it, when you compare all the new generation systems, the PS2 has the widest variety and largest game selection out there. The Play Station 2 is far superior to Game Cube or X-Box in total value. It has more games that are more fun and more original than any other system out there today. If you don't already have a PS2, go out and buy one. Cheaper than an X-Box, more features than a Game Cube, more games than both of them combined it's the 'Super Gaming Console,' Play Station 2!

When you think about gaming, the only thing that matters about a gaming system is how good the games are and what kind of game



www.playstation.com

With lines this smooth you'll wish Sony made your girl friend.

support it gets. Why do you think everyone stills plays 8-bit Nintendo and you never knew anyone with a Jaguar (the gaming console, not the car) or a Neo Geo? While

Jaguar and Neo Geo were far superior graphically to an 8-bit Nintendo, we all know Super Tecmo Bowl, Bubble Bobble, and Mike Tyson's Punch Out are the funnest

games on the face of the planet.

So now that you're wondering why I went off into deep space with Jaguar, Neo Geo and 8-bit Nintendo let me pull it all together for you. While Game Cube and X-Box can outperform the PS2, they don't have the game quality of the PS2. And seriously, the graphical difference right now is extremely small. Do you honestly think being able to tell if Tony Hawk left his fly open really makes that much difference?

Since everyone likes to talk about games that are exclusively available for their system, let's look at some of the games that are made only for the PS2. First and foremost, Gran Turismo 3. The Gran Turismo series of racing games has to be everyone's favorite racing game series (okay, well maybe not if you're a psycho Greek guy who loves Ferrari). Secondly, Crash Bandicoot, the fun and spirited Sony equivalent of a Super Mario (I don't like it, but you might), is only available on PS2. Another game is Twisted Metal Black. How can you not like driving around as a mentally insane person while running over people and shooting at cars?

Also I find it very noteworthy that most games coming out aren't exclusive to one system. They are either coming out for PS2 and Game Cube or PS2 and X-Box. Do you notice any trend there? I do, Play Station 2 is just so pimp it gets all the games.

All right, so now that I've babbled about the games, it's time to cover the dreaded topic of "the

controller." If you don't already know, the X-Box controller stinks. It's uncomfortable to hold and the buttons are really awkward to hit and the directional sticks, well, they are lacking too. In fact I think the X-Box controller would serve better as a lethal weapon than a gaming device. Now the Game Cube controller I must say I found to be very comfortable to hold, although the buttons were in really messed up places and felt weird because they were all different shapes and sizes, and what is that weirdo C button? Now when it comes to the PS2 controller, you can't go wrong. Sony had such an awesome design with the PS1 controllers they kept them the same. It's the same familiar controller many of you gamers have come to love except it has better features. The PS2 controller is completely analog which means all the buttons are touch sensitive. If you hit a button softly it reacts softly, if you hit a button hard it reacts hard. Hands down, PS2 has the best controller for gaming purposes.

If you're seriously looking for a gaming console I suggest you go buy a PS2 if you haven't already. It makes a great main game console and has all the gaming excitement you're looking for. Unless you feel the need to play Super Mario 876 and Zelda MCDXIII, go buy a Play Station 2. And if you're thinking about buying X-Box, remember that you already have a computer. All in all, Play Station 2 is the best buy for any person who wants a serious gaming console.

## X-box marks the spot

Matt Zuber  
Staff Writer

X-box

Features

HDTV  
DVD support  
Huge

I have finally tested the highly advertised X-box gaming system made by Microsoft. I have spent hours trying out five different games. These games were NFL Fever 2002, Amped - Freestyle Snowboarding, Test Drive - OFFROAD - Wide Open, Halo - Combat Evolved, and Project Gotham Racing. I really took time to learn about the system and a little about each of the games before sitting down to write this review.

Hardware capabilities are always questioned when a new system comes out. The Microsoft gaming system does not fail to deliver in this category. With an Intel 733 MHz processor, a NVIDIA graphics processing unit, and an internal hard-disk drive, the X-box has enough firepower to knock the socks off of the novice gamer and impress the hardcore ones. Most of the hardware is the best available for any gaming system. The internal hard disk drive holds over 100 times what the normal memory card holds.

The X-box has many accessories



www.xbox.com

X-box it fatter than it is phat.

already available. These include a DVD remote kit, a way to link X-boxes, racing wheels, advanced audiovisual hook-ups, multiple types of controllers, and even a skateboard type controller that the user rides. The console comes with four controller ports and an Ethernet port. The hardware of the X-box is to say the least, above par.

Cost is also a big issue most people deal with when they buy a new gaming system. The X-box comes in at a hefty \$299. This includes all

basic hook-ups and a controller. The games all cost about \$50. Microsoft has done its best to keep the prices relatively close to those of the PlayStation 2 and the Nintendo Game Cube.

One of the problems with new gaming systems is their lack of new games to play on these systems. A system may have a huge amount of power, a great low price, and is even easy to use. But if it does not have games to play, it is worthless. Microsoft has hustled to get out as

many games as possible. Including the games we tested, the X-box has forty-five total games. These games come in many genres including action, adventure, fighting, racing, role-playing, simulation, strategy, and sports. Some are available for other gaming systems, but Microsoft has put out a fair share of the games that are only available for the X-box.

Some gaming systems are just difficult to use and set-up. Microsoft has paid special attention to these facts. They interviewed over five-thousand game players and designers to come up with a gaming system that is as easy to use as possible.

The controller has two analog sticks and an eight-way directional pad. It comes with double triggers and six accessory buttons also. Depending on whether you buy from Microsoft, the controller might also have dual memory card slots, built in rumble pack, and 9.5 feet of cord to allow the user to get comfortable on the couch and not right next to the television. From box to playing, the initial setup time is less than five minutes. Game play is also easy. Because of the quality

hardware, games take very little time to load. Menu screens are very basic and finding your way around is also easy.

In conclusion, the X-box has some good and bad qualities. The big black box with the neon green gem is a great start for Microsoft. It has a good amount of speed and a huge amount of built in storage. It has Ethernet and DVD capabilities. The X-box's adequate selection of games makes it a front-runner in the bid for game system supremacy. It even has a soundtrack option where you can load tracks from your favorite CDs onto the console and use them in some of the games. However the X-box does have its downfalls.

A steep price of almost \$300 is a little daunting in itself, let alone all of the accessories needed to use all of its capabilities. To use the DVD player, you must buy an add-on remote kit for thirty dollars. It does not have a standard phone modem, only the Ethernet port. However, with a system capable of such high speeds, a regular modem might be a bad idea and ruin the experience.

Games were fun to play, easy to learn, and had challenges for every level of player. The only drawback to the games that we can think of is that they were too perfect. The graphics were so clear it was hard to believe the game was real. All I could think of was that I was playing an amazing looking video game and not really getting into the plot of the game. But, for a first attempt, the Microsoft X-box has merit.

## Chess Club reaches out to local elementary school

Chris Scribner  
Staff Writer

Previous chess World Champion Anatoly Karpov once remarked, "Chess is everything - art, science, and sport." An early mentor of his and also World Champion, Mikhail Botvinnik, pointed out, "Chess is the art of analysis."

It is the tactical science, art of analysis, and sport-like competition and fun the members of the Rose-Hulman Chess Club aim to teach Davis Park Elementary students at their weekly chess club meetings.

"It gives me great pleasure, to see young people taking up the game of chess." Chess Club member and freshman computer science major Kellan Wampler commented.

The meetings take place on Wednesdays after school, lasting 45 minutes. During that time, a local chess master teaches strategy to a group of students, while the RHIT Chess Club members tutor a few kids each, most of whom have no previous knowledge of chess.

The kids are being taught not only how to play the game, but more importantly, learning beneficial problem solving skills.

As proof of the game's long lasting value, Wampler added, "Chess has increased my ability to analyze and solve complicated problems outside the 64 squares. I am happy to give this opportunity to the future generation."

Rose students will continue to attend the Davis Park meetings for the entire year, and

most likely will continue to do so for years to follow.

Another member involved with the program, freshman civil engineering student Ellen Taylor noted, "It inspires me to see enthusiasm for Chess at such a young age."

She went on to say, "I get as much enjoyment out of teaching the kids as they do learning. I hope to be a positive influence, not only as a mentor, but as a friend."

Chess Club president, senior computer science major Matt Katinas, mentioned "It's a good thing we're getting kids interested in chess."

Hopefully this sets a precedent for future generations of Rose students who can make a difference in the community in the same way.

## Bykes for Tykes!

This Saturday  
from 8:30 am to noon.

Meet at the Rose-Hulman  
Maintenance Building

Help make the holidays  
more enjoyable for  
Wabash Valley kids.

## Exploring Engineering program brings women to Rose

Rachel Lukens  
News Editor

In a program designed to promote high school aged girls' interest in science and technology related fields fourteen interested juniors and seniors from high schools around Indiana, Illinois and Ohio joined with about 45 SWE members to learn about the science and technology majors offered at Rose-Hulman.

The event held this past weekend, by the Society of Women Engineers (SWE) was both fun and educational for high school women. Sarah White a junior CPE, who provided the information for

this article, was the student coordinator.

The purpose of most of the activities was to open the girls' eyes to new educational and career possibilities. Friday evening, they dissected common household appliances: a VCR, video camera, dot matrix printer, and other common electrical and mechanical devices. This allowed the girls to see how things worked and to spend as much time as they wanted on the appliance of their choice.

Another interesting activity was an edible engineering activity. The students used graham crackers, frosting, pretzels and other food items to build various devices. Awards were given for the most

creative, tallest and most useful device.

Lilly provided a keynote speaker, Leslie Prince Rudolph, who spoke during the dinner. Rudolph is a mechanical engineer from the Clinton Laboratory. She explained to the high school women why she chose engineering as her profession and how she has progressed in her career.

Most of the day Saturday was spent in the lab, which is the heart of science and technology education. First was a civil engineering activity that featured the Water Wall and exploding cement blocks. Then the students participated in a chemistry experiment that explored qualitatively a variety of reactions

featuring many types of precipitates. An electrical engineering lab activity taught the students how to identify different types of logic chips experimentally. A computer science lab featured methods utilized in graphic design. Finally, mousetrap cars were constructed to highlight the fun parts of mechanical engineering.

A panel discussion was held during lunch to shed light on majors that were not covered by the laboratory activities. Junior Amy Reed represented applied optics and professor Sudipa Kirtley represented physics. Bridget Riviera, a sophomore CHE, CHEM double degree student, was able to highlight all of the choices available here at Rose.

This program is a long-standing tradition here at Rose. This year, 17 of the girls in the freshman class participated in the program during their senior year. Next year's program is already in the works.

Although the program is fun and student coordinated, it would not be possible without the support of generous sponsors. Professor McLean of the chemistry department donated his time during the chemistry lab activity, Lilly donated the keynote speaker, Raytheon granted the majority of the funding, and the admissions department here at Rose provided postage and their mailing list in order to reach the targeted students.

## Solar Phantom increases spending to evolve with changing races

Nicole Hartkemeyer  
Staff Writer

The S.G.A. recently approved a request from the Solar Phantom Team for funding which will be used to make molds to create a new exterior body for the phantom car. The funds given for the make-over totaled \$1,700. The molds and the new exterior will, like most of the car, be constructed solely by the students on the Phantom Team.

The reason they decided to ask the S.G.A. instead of seeking outside, according to the chief financial officer, James Fiorito, is so

they could get started on the project as soon as possible. Looking beyond school for help would have taken too much time. The team hopes to have the new body completed by this summer or early next fall so they won't have as much work to do in preparing the car next year.

The next race the team plans on entering is in 2003 and is the same race they just completed this past July. The race is known as the American Solar Challenge (ASC). The race is a ten day competition across America's Historic Route 66. At 2300 miles, it was the longest solar car race route yet for a

race held in the United States. If things go smoothly, they also plan on entering a race in May. The May race is called the Formula Sun Grand Prix and is held in Topeka Kansas. If they can get the car up and running by then, they want to go for it.

Ever since Rose-Hulman started the Phantom Team, they have shown continuous improvement in the engineering of the car and their placement in the races. The ASC proved a difficult turn because it introduced a new strategy of racing. While in previous races all of the teams had started out from the same location every

morning, this summer the teams were able to drive as far as they could before stopping and camping for the night. In the last Sunrayce, the Rose team managed to pull away with a third place win, their highest finishing position since their inception in 1988. Those races were shorter, however, and with the introduction of the ten-day long race, the Rose team finished the race in 8th place.

The Phantom Team is continuously seeking new and interested students to join them, according to the current team members. The squad consists of about 10 students, down by half from last year.

They encourage any students, regardless of their major, to join in the construction and design of the car. General meetings are held Wednesdays at 7pm in B108, along with specialized meetings that discuss the electrical, mechanical, design, and business aspects of building the car, held throughout the week. No expertise in these areas is necessary to join.

Students that are interested in hands on engineering, or even getting the chance to drive the Phantom car themselves are encouraged to get involved. Belonging to the team is a great way to get experience in engineering and it looks great on a resume.

## President Hulbert announces finalists for vice president position

Natalie Morand  
Staff Writer

After searching for over five months, a committee composed of Rose-Hulman faculty, staff, department heads, and vice presidents presented president Hulbert with their four recommendations to fill the position of vice president of academic affairs and dean of faculty here at Rose-Hulman.

According to the president's office, the vice president of academic affairs and dean of faculty has the overall responsibility for

the academic program of the institute. This individual is also charged with developing the long and short-term goals of the division of academic affairs and the strategic plan for accomplishing them.

When asked which qualities he thought were important for this position, president Hulbert said, "An exceptional leader, wonderful role model, a good manager/planner, and an individual with vision."

The position of vice president of academic affairs and dean of faculty has been open since this

past June, when Barry Benedict left Rose-Hulman. Since then, Arthur Western has served as interim vice president of academic affairs.

The four men recommended for the position are Arthur Western, William E. Kelly, Neal E. Armstrong, and Thomas J. Enneking.

Arthur Western has worked at Rose-Hulman for the past 15 years. He has had a number of responsibilities that include interim vice president of academic affairs, associate dean of faculty, and head of the department of physics and applied

optics.

William Kelly is currently the dean of engineering and professor of civil engineering at Catholic University of America. Kelly is the current chair of the Engineering Accreditation Commission (EAC).

Neal Armstrong is currently a professor of civil engineering and the associate dean of academic affairs at the University of Texas at Austin.

Finally, Thomas Enneking is the vice president for academic affairs at Tri-State University.

All four candidates will be vis-

iting Rose-Hulman this January for personal interviews. While on campus, the four candidates will also be participating in an open forum. In attempt to find the right candidate for the job, president Hulbert believes that the student's opinion is very important.

"This is a good opportunity for anyone in the community who would like to learn more about the candidates," remarked president Hulbert.

President Hulbert hopes to announce the new vice president of academic affairs and dean of faculty by February, 2002.

## Sports shorts

The men's basketball team (3-3, 2-0 SCAC) lost to Fontbonne College last Saturday:

Fontbonne -- 70  
Rose-Hulman -- 65

The women's basketball team (0-6, 0-2 SCAC) lost to Earlham College last Tuesday:

Earlham -- 74  
Rose-Hulman -- 54

At the Rose-Hulman relays, the men's swimming team finished first, beating Lindenwood College, and the women's swimming team finished third, losing to Lindenwood College:

Lindenwood (men's) -- 68  
Rose-Hulman -- 158

Lindenwood (women's) - 170  
Rose-Hulman - 62

## Basketball teams prepare for this weekend

Josh Annin  
Sports Editor

As this weekend approaches, two teams are working hard to prepare for their Saturday afternoon games.

Both the men's and women's basketball teams will host Indiana University-Northwest tomorrow in the Hulbert Arena. The women's game begins at 2 pm, and the men's begins at 4 pm.

After having a six day break from their previous game, the men's basketball team plans to rebound from their loss to Fontbonne last Saturday's game, in which they almost felt the thrill of victory. Down by 11 points with seven minutes left in the game, the Engineers made an amazing comeback by scoring 11 points in two minutes and allowing the Griffins to only score

three points in the same time frame, bringing the score to 63-60. This valiant effort was not enough to overtake Fontbonne, who made four consecutive free throws in the final minute of the game, yielding the final score of 70-65.

After this heartbreaking loss, the men's basketball team should have no problem against IU-Northwest tomorrow. In their previous meeting in 1995, the Engineers defeated IU by an astounding score of 104-32.

After playing two games in the past four days, the women's basketball team should be ready to play one final game before their four day break. Last year, the Engineers finished the season with a record of 5-20, and they are showing some more improvement this year. They should also have no problem tomorrow in taking on IU, who finished their season with a record of 0-10.

## Upcoming athletic events

Fri., Dec. 14 WR hosts Rose-Hulman Invitational, 5 pm	lege, 7:30 pm
Sat., Dec. 15 WR hosts Rose-Hulman Invitational, 7 am WBB vs. IU-Northwest, 2 pm MBB vs. IU-Northwest, 4 pm	Wed., Dec. 19 WBB vs. Blackburn College, 6 pm MBB at Hanover College, 7:30 pm
Mon., Dec. 17 MBB vs. Franklin Col-	Thurs., Dec. 20 WR at Citrus Open, TBA

\* Games in bold denote home games

### Key

WR = Wrestling Team  
SWIM = Swimming Team  
WBB = Women's Basketball Team  
MBB = Men's Basketball Team  
RIFLE = Rifle Team

This Saturday will be the last time the two teams play back-to-back before Christmas break begins. The next men's basketball game is this Monday at 7:30 pm, and the next women's game is this Wednesday at 6 pm. Both games will be held in the Hulbert Arena.

## Record number of Big 12 teams make bowl games this year

Jeff Sheldon  
Daily Nebraskan  
(U. Nebraska)  
(U-WIRE)

The debate over which conference is toughest in football always has been and always will be an issue.

But when the smoke from the Bowl Championship Series firestorm finally cleared Sunday night, the Big 12 Conference stood toe-to-toe with the Southeastern Conference in the battle for college football supremacy.

Rose Bowl participant Nebraska and Fiesta Bowl-bound Colorado headline the list of a record eight Big 12 teams going bowling this season, tied for best in football with the SEC. It also marks the second time in the history of the Bowl Alliance/BCS that the conference will have two participants.

Heisman Trophy winner Eric Crouch may want to put Texas Christian on his Christmas list after the Horned Frogs' 14-12 win over Southern Mississippi on Friday gave the Huskers just enough schedule strength ammo to top Colorado and send NU (11-1) to

"the granddaddy of them all." Saturday evening Crouch sought to justify the decision that would send a team that lost its last game to face No. 1 Miami on Jan. 3 in Pasadena, Calif., for the BCS portion of the national title. "No matter who plays in the Rose Bowl, everyone has a loss," Crouch said. "And a loss is a loss, no matter by who (or how much)."

Forgive Colorado coach Gary Barnett for feeling less than charitable after discovering his Big 12 champion Buffaloes (10-2) were passed over for the Rose Bowl and selected to play Pac-10 champ Oregon in the Fiesta Bowl on New Year's Day.

"It's hard to be gracious at this moment," Barnett said, "but we will obviously accept and be excited about playing Oregon."

CU may still hold out hope for a piece of the national title, however. A convincing win over the No. 2 Ducks, combined with a Nebraska upset of the Hurricanes, could give Colorado the AP share of the national championship.

Oklahoma (10-2) will be joining the Buffs on New Year's Day when they go up against Arkansas

in Dallas for the Cotton Bowl.

The Sooners will make their inaugural Cotton Bowl appearance without offensive coordinator Mark Mangino, who last week became coach at Kansas. Mangino's abrupt departure will leave quarterbacks coach Chuck Long in charge of the Sooner offense in Dallas, which is no cause of worry for OU coach Bob Stoops.

"We'll do just fine," Stoops said. "Chuck will also get serious consideration for the position on a permanent basis."

OU has split its last two contests with the Hogs, both of which came in bowl games. Dec. 29 will have two Big 12 teams in action. Kansas State (6-5) travels to Phoenix to face Syracuse in the Insight.com Bowl, and Texas Tech (7-4) makes its second appearance in the Alamo Bowl against Iowa in San Antonio.

The 2001 Alamo Bowl will be a rematch of the 1996 contest, which saw the Hawkeyes shut out the Red Raiders 27-0.

Kansas State's matchup with Syracuse also will be a rematch of a recent bowl. In 1997 Michael Bishop and the Wildcats pounded

a Donovan McNabb-led Syracuse team 35-18 in the Fiesta Bowl, which stands as the only previous meeting of the two teams. This is the Wildcat's ninth-straight season with a bowl berth.

For the second year in a row, coach Mack Brown brings his Texas Longhorns (10-2) to San Diego for the Holiday Bowl, this year against Pac-10 runner-up Washington. Last year the Horns lost a 35-30 shoot-out to Oregon.

Despite a disappointing loss in the Big 12 title game, Brown said his team would be emotionally ready for the Dec. 28 contest.

"Not many teams have the chance to win 11 games and finish in the top 10," Brown said, "and that's something we want to do."

Brown has announced senior quarterback Major Applewhite will start the game over season-long starter Chris Simms. Applewhite came off the bench to spark a late Longhorn rally in the Big 12 title game against Colorado.

A pair of former Southwest Conference rivals will hook up in the Galleryfurniture.com Bowl Dec. 28 in Houston's Reliant As-

trodome. Texas A&M (7-4) will make its fifth straight bowl appearance and 11th overall under coach R.C. Slocum, against Texas Christian. The Frogs clinched the berth after upsetting Southern Mississippi on the road Friday.

A&M leads the all-time series 55-29-7 dating back to 1897, but this marks the first postseason meeting between the two teams.

Finally, in a contest between historical haves and have nots, Iowa State (7-4) will play in its second consecutive bowl game -- its third overall -- when it travels to Shreveport, La., for an Independence Bowl matchup with Alabama, which is making its NCAA-record 51st bowl appearance.

The Dec. 27 game will be the first-ever meeting between the two schools and ISU coach Dan McCarney knows it will be a prime time to showcase his up-and-coming program. "There isn't anybody in the world that doesn't know about Alabama football," McCarney said. "That school has been winning for a lot more years than we have, so it'll be a real challenge."

## Rebounds, free throws lead Earlham women over Rose-Hulman

TERRE HAUTE, IND. -- Earlham College relied on a 23-point, 11-rebound double-double by Rae Rae Washington to defeat Rose-Hulman Institute of Technology 74-54 in NCAA Division III women's basketball action at Hulbert Arena on Tuesday.

Earlham outrebounded 53-33 in the contest and finished 83% from the free-throw line (20-24) to earn the victory. Rose-Hulman shot 55% from the field in the second half after making just seven of 32 attempts (21.9%) in the opening stanza.

Senior Christina Forsyth (Lyons/White River Valley) led Rose-Hulman with a season-

high 24 points and 11 rebounds to record her third double-double of the season.

"Christina was a key player for us. She looks to get inside and did her job well tonight. She is a tough person to guard. We can go to her for quick points and key scores," said Rose-Hulman head coach Jody Prete.

Sophomore Jessica Farmer (Brownsburg) also reached double figures for Rose-Hulman with 11 points.

Michelle Behler also reached double figures for Earlham with 17 points, while junior Melissa Liffick added 12.

The Quakers improved to 4-4 on the season, while Rose-Hul-

man dropped to 0-6.

Earlham led 25-18 at halftime following a struggle shooting from the field by both squads. The Quakers scored 49 points in the second half to secure the victory.

Rose-Hulman returns to action on Thursday at Anderson University. The Engineers return home on Saturday against IU-Northwest.

"Anderson will be tough on the road. If we show up to play, we can compete with them. I am looking forward to being home again when we play IU-Northwest on Saturday," said Prete.

Support the  
Rose Wrestling  
Team at their  
meet this Friday  
and Saturday!

# College sports watch

**Briar Colwell**  
Staff Writer

Two more NCAA Champions will be crowned this weekend.

The NCAA Div. III football championship will be played on Saturday, and the Div. I Men's Soccer Champion will be decided on Sunday. This will only add to the great basketball match-ups that are also on the schedule.

Two teams that are reloading after losing many players to the NBA draft will meet when #7 Arizona plays #19 Michigan State. Arizona is a tough team and Michigan State is having some difficulties with their young guys. This will be a close game and as much as I hate to pick against the Big Ten, I will have to say you will probably see

an Arizona victory.

The Big Ten could face a surprise when Iowa plays Missouri. Steve Alford has always done a great job preparing his teams for big games, and I would not be surprised to see an Iowa victory.

On Tuesday night #1 Duke will play #10 Kentucky. I love seeing Kentucky get beaten so I will definitely be watching this game. Look for an NBA-like Duke team to smash Kentucky.

Be sure to catch the bowl games that will be played in the upcoming week. These small bowls are a great chance to see some talent that is not always on the greatest of teams.

**Saturday December 15, 2001**

Men's Basketball (ESPN/USA

Today Poll)

#7 Arizona vs. #19 Michigan

State 2:00 pm CBS

Tennessee vs. Memphi 7:00 pm ESPN #15

Iowa vs. #3 Missouri 9:00 pm ESPN

Men's Soccer

NCAA Semifinal games 11:00 am ESPN2 & 1:00 pm

Football

NCAA Div. III Championship 8:00 pm ESPN2

**Sunday December 16, 2001**

Men's Basketball

#12 Syracuse vs. Georgia Tech. 6:00 pm FOXMW

#20 Wake Forest vs. Florida State 8:00 pm FOXMW

State 8:00 pm FOXMW

Women's Basketball

Illinois vs. #4 Oklahoma 4:30 pm ESPN2

Men's Soccer

NCAA Div. I Championship 1:00 pm ESPN

**Tuesday December 18, 2001**

Men's Basketball

#21 Alabama vs. Temple 7:00 pm ESPN

#1 Duke vs. #10 Kentucky 9:30 pm ESPN

Football

New Orleans Bowl 8:00 pm ESPN2

North Texas vs. Colorado State

**Wednesday December 19, 2001**

Football

GMAC Bowl 8:00 pm ESPN East Carolina vs. Marshall

**Thursday December 20, 2001**

Football

Tangerine Bowl 7:30 pm ESPN N.C. State vs. Pittsburgh

Men's Basketball

Tennessee vs. Louisville 7:00 pm ESPN2

#6 Virginia vs. #14 Georgetown 8:00 pm WTBS

Memphis vs. Temple 9:00 pm ESPN2 #17

UCLA vs. Washington 10:30 pm FOXMW

## SCAC Basketball Standings

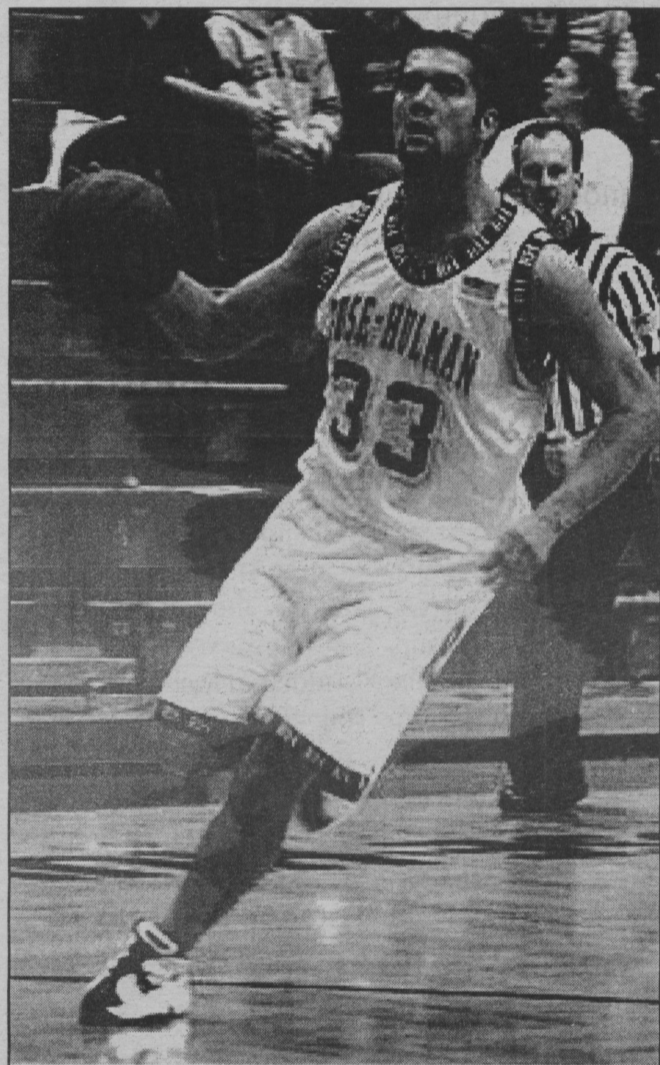


Photo courtesy Rose-Hulman

Senior Clint Ferguson sets his eyes on the goal in Saturday's game against Fontbonne College.

### Men's basketball

Team	SCAC			Overall		
	W	L	Pct.	W	L	Pct.
DePauw	2	0	1.000	6	0	1.000
Rose-Hulman	2	0	1.000	3	3	0.500
Southwestern	2	0	1.000	3	4	0.429
Millsaps	1	0	1.000	7	0	1.000
Trinity	1	1	0.500	5	3	0.625
Rhodes	1	1	0.500	2	4	0.333
Centre	1	2	0.333	3	3	0.500
Oglethorpe	0	1	0.000	1	5	0.167
Hendrix	0	2	0.000	1	5	0.167
U. South	0	3	0.000	3	4	0.429

Enjoy sports?

Write for the  
Thorn sports page!

anninjt@rose-hulman.edu

### Women's basketball

Team	SCAC			Overall		
	W	L	Pct.	W	L	Pct.
DePauw	2	0	1.000	5	2	0.714
Trinity	2	0	1.000	4	4	0.500
Millsaps	1	0	1.000	3	5	0.375
Centre	2	1	0.667	5	3	0.625
Hendrix	1	1	0.500	5	2	0.714
Rhodes	1	1	0.500	3	4	0.429
U. South	1	2	0.333	3	3	0.500
Oglethorpe	0	1	0.000	4	3	0.571
Southwestern	0	2	0.000	2	5	0.286
Rose-Hulman	0	2	0.000	0	6	0.000

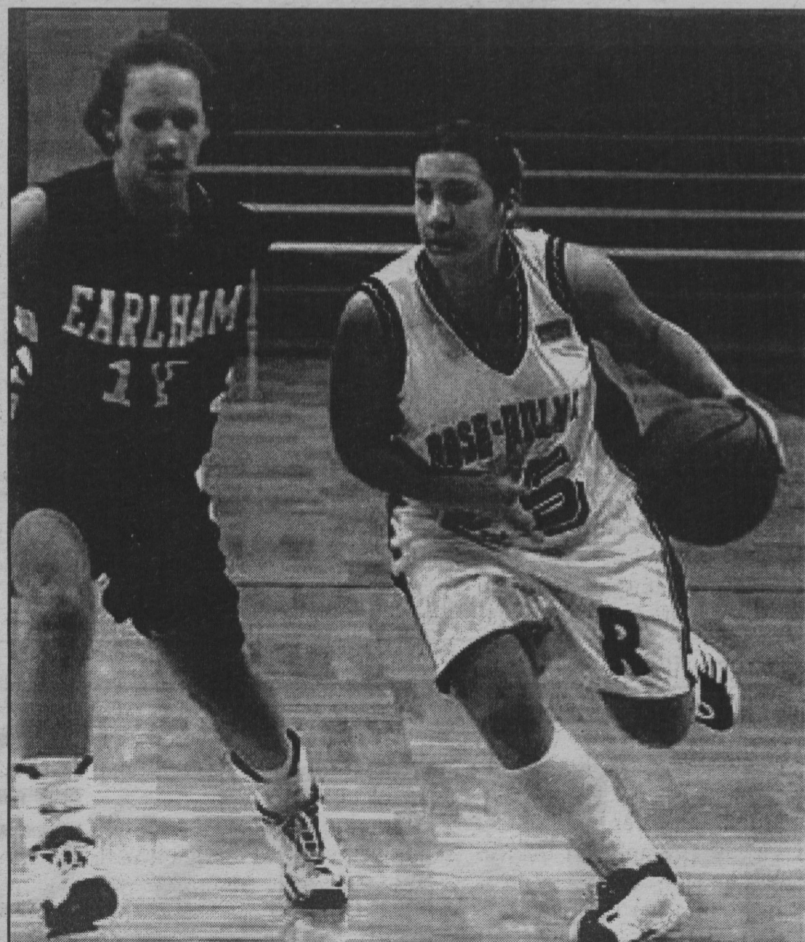


Photo courtesy Rose-Hulman

Sophomore Kiley Wallace contributes to the Engineers' offense in Tuesday's game against Earlham College.

# FLIP SIDE

## Top Ten Gift Ideas for RHIT students

- 10 A 'Get Out of Academic Probation Free' card.
- 9 Deodorant for that stinky guy.
- 8 A laptop not made by Acer and configured by Waters.
- 7 Gift certificate to Institute of Health.
- 6 Playstation2 with super model.
- 5 Hackers, on DVD. (Ok, this one's no longer funny.)
- 4 A scholarship to another school.
- 3 Boot-proof tires.
- 2 T-shirt with picture of Geen.
- 1 A homework-free quarter.



### Note From the Flipside Staff

We're sorry, but the critically praised DirtyLoves Moogly comic will not be appearing this week, nor maybe any week after, because, as we like to say, nobody likes Ron.

Ron however is not wholly responsible for this debacle, the stripper of DLM has gone a bit nuts recently, and cannot be trusted to create material suitable for our younger viewers.

We're sorry freshmen, you will not get to see Moogly's breasts on this page. Try the internet.

## Studies show that Nachos are the key to happiness

Terre Haute, IND.

A local survey earlier this month affirms decade-old data that concludes Nachos are the true key to happiness.

When one of our reporters polled students in the cafeteria, he was not surprised to find that Nachos came up at least 4 times more often than any other

response when he asked: "What makes you truly happy?"

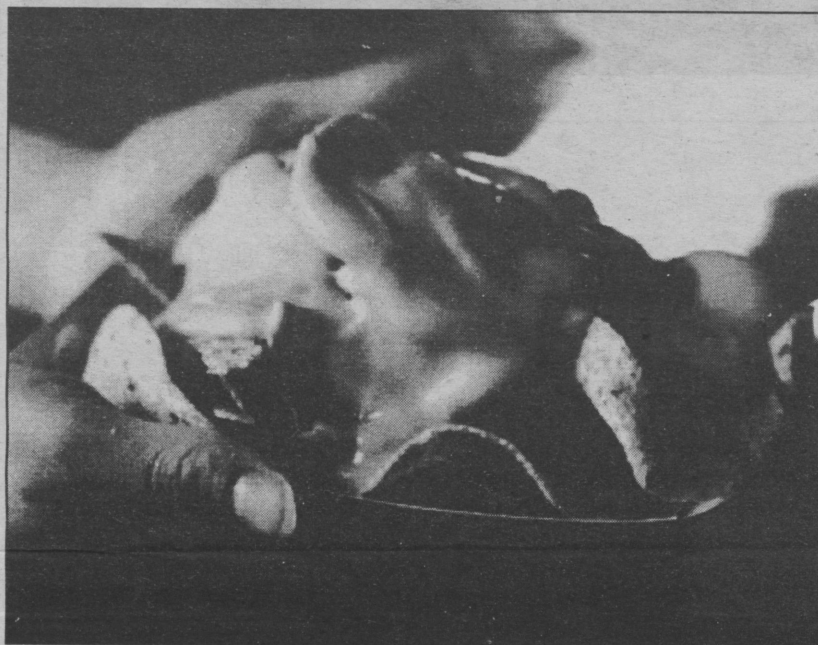
Although little known, this fact has been established since 1986, when a similar survey was conducted.

"The only part of the Nacho debate people can't agree on, is the spicy-ness of their cheese," says Nacho eater, Dr. Smack.

"Yeah, 'damn frikking

spicy' is the amount of spicy-ness that is clearly superior to all of your pansy-assed 'not-spicy' cheeses," Smack commented.

When we asked the Doctor why Nachos made him happy, he answered, "Yeah, your mom has some spicy Nacho cheese, if you know what I mean."



## Wacky Prof Quotes

"You think a civil could run this machine? I heard they taught a high-school dropout, so maybe not a civil."

--Dr. Stienstra

"I looked up UNIX in the dictionary and I don't want to be one."

--Dr. Stienstra, using a classic pun.

"I feel like Norman Bates is going to come and rip me open in the shower."

--Director Gary Turner, on a chord

"...so if you shave a Siamese cat and put it in the freezer..."

--Dr. Cain, talking about genes.

Have any of your profs said something wacky lately? Well, stay awake for once and jot it down along with the context. Then, e-mail it to: [flipside@rose-hulman.edu](mailto:flipside@rose-hulman.edu)

## Mike & Joel

Mike and Joel flash back to their first compararch assignment (in MIPS assembler)



### This Week in the News

A certain brand of christmas lights are recalled in large amounts. You can always go back to hanging candles from your tree, because that's how your great-grandparents did it, and they liked it, they loved it!

### This Week in History

1903, North Carolina. The Wright brothers invent something, that over the course of 98 years, is used to start, fight in, and end wars... as well as cause you to sit and wait for two hours due to security checks.

### This Week's Random Lyrics

...my man named poppo said he was hungry he had a craving for something of the sea i told him i had chicken franks i told him i had charlie he smiled and said to me i'll have some bumble bee... - Mephiskapheles