

Rose-Hulman Institute of Technology

Rose-Hulman Scholar

The Rose Thorn Archive

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Volume 36- Issue 13- Friday, January 12, 2001

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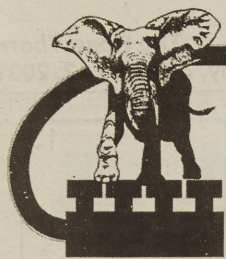
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THE ROSE

THORN

VOLUME 36, ISSUE 13

ROSE-HULMAN INSTITUTE OF TECHNOLOGY

TERRE HAUTE, INDIANA

FRIDAY, JANUARY 12, 2001

Olin decorated with student art

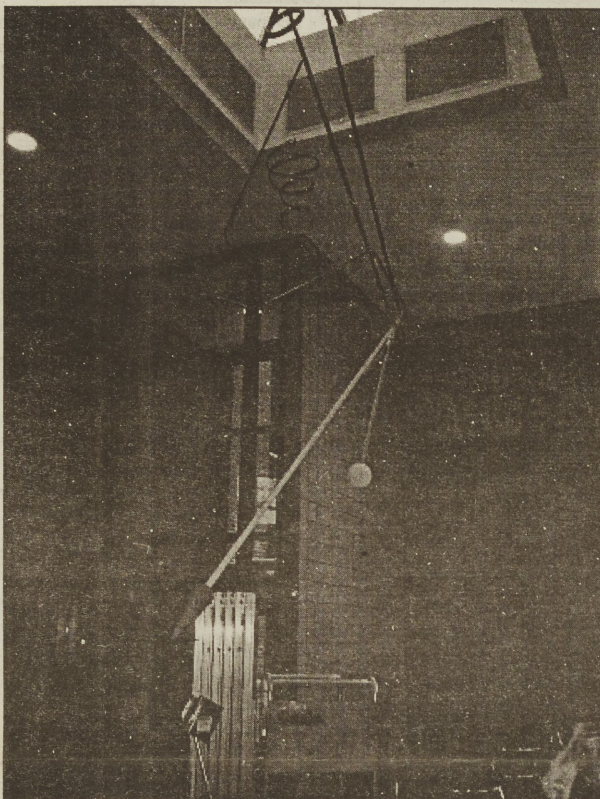
Nicole Hartkemeyer
Staff Writer

There is a new display, the result of a college art contest, hanging from the ceiling in the new Olin Hall lounge area.

It is a large mobile created by Travis Moore, a junior mechanical engineering major from Kansas City, MO. Moore belongs to Triangle Fraternity and is currently engaged to Rebecca Myers, a junior chemical engineering major.

The creation of the mobile which Moore calls "The Line Changes" came about due to an art design contest last spring in which students, individuals or groups, were asked to design a moving "kinetic structure". Moore stated he decided to enter the contest after hearing about it in his drawing class. His interest in art led him to enter three designs. The design that won was the one he thought had the least chance of winning. A committee of faculty and staff chose the winning design. Moore received an award of \$200 and asked to build the design to be displayed somewhere on campus.

It took Moore 5 months (working a total of about 100 hours) to complete the structure, which consists of materials such as wood, copper, Styrofoam, dowel rods, wire, and paint. He said building the design was fun, but working on it from a lift and balancing the weight proved difficult. In the process of working on it, a section of the work fell from sixteen feet and shattered. Redoing the section also proved laborious. Moore came up with his design simply by sketching some lines and modifying his drawings that eventually turned



Kyle Gossman / Thorn

Travis Moore's kinetic mobile, "The Line Changes" now hangs from the ceiling in Olin Hall. Moore hangs the mobile that he designed for last school year's "Kinetic Sculpture Competition."

into his winning piece.

He said he was very honored that his design was placed in Olin Hall. Rose's art curator, Matthew McNichols chose to put it there because it seemed appropriate. The skylight and open area make for a becoming spot. McNichols, who was in charge of the contest,

said he plans on having this type of art competition every year. The object of the contests will be to integrate art design with engineering. He plans on eventually turning the campus into "a playground for the imagination" created all by engineering students. He plans to give out information

and requirements soon for this springs competition. This year's theme may be a sculpture project that interacts with people.

Moore stated he only wished Rose had a stronger art department. There are only two art classes offered which include a drawing and photography class.

He also wished Rose had an independent studio where students could have plenty of room to work on projects, art included. (Moore made his structure in one of Myers bay labs.)

He plans to further his art interests by planning to have a studio or shop in his home in the future.

'81 Rose Alum oversees FastWeb

Eight million high school students are counting on Glenn Kapetansky.

As chief technology officer and vice president of FastWeb, Kapetansky oversees the information technology operations of a company that helps students find college scholarships, admissions and jobs. "I am in charge of all technology in the company," explained the 1981 computer science/mathematics graduate. "I oversee technology from phones on the desks to our web site, and everything in between."

FastWeb, a free service, matches students with information from national experts on admissions, financial aid, money management, career planning, jobs and life after college. The FastWeb database contains over eight million stu-

dents, with up to 25,000 new users a day coming on-line. The company also houses information about 600,000 scholarships worth \$1 billion, and an extensive college directory of more than 4,000.

The web focus means Kapetansky plays a crucial role in the success of the company, and his work is no small task. The essence of FastWeb is "matching": students with aid, students with colleges, students with jobs. These matches occur not only in real-time, as the student visits their Message Center, but also even when the student is not on the site. FastWeb updates their profiles on their birthday, school year, and compares against newly entered deadlines and requirements.

"Managing that complexity is a very challenging task," Kapetan-

sky said. He counts on a cadre of database developers, web designers, system and network administrators, and project management teams. The non-technical outsider might be surprised that Kapetansky's information technology staff numbers fewer than 20 people.

Kapetansky's team must make sure their system "listens, records and thinks about the next question a client will need answered." They strive to do it all with a less-than-two-second delay in downloading a page over the internet.

Proprietary concerns limit how much of the FastWeb technical interworkings Kapetansky can discuss. However, he did note he cannot celebrate only in technical achievement. "We are proud of our technology solutions, but we realize it has to be usable to the student. It

must be smooth, non-confusing and clear to the user. We view the application of technology as the finest art."

A key concern of Kapetansky's work revolves around ethical concerns. "We must be ferocious in protecting the students who have trusted us with their data."

In looking to the future, Kapetansky sees his company and others facing decisions on how to make use of new internet applications. "The internet can support more than just the web," he said. He cited other uses such as e-mail, wireless network devices, and machine-to-machine talk. "We have to decide how to make use of them appropriately."

Another future area of concern deals with privacy issues. "I believe we're going to see an increased vig-

ilance toward respecting people's privacy," Kapetansky said. "Businesses are going to try and reach more people via the internet, and people are going to guard their privacy more strongly. Companies in the middle of the two groups will need to help filter contacts to protect people's information and their time."

"Throughout my life, I have attended nine different colleges. Rose-Hulman said: 'You're here for a purpose and we're going to teach you and measure ourselves against the success of our alumni.' The pragmatism of the Rose-Hulman education sets it apart from other colleges. At Rose-Hulman, the emphasis was always on results. I carry that philosophy with me today."

OPINIONS

Pasadena nights

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ENTERTAINMENT

Douglas caught in *Traffic*

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SPORTS

Swim teams battle Principia

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FLIPSIDE

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"AI Tower of Babel"
Broken resolutions

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WEATHER WATCH

FRIDAY

Freezing Rain/Hi 38-Lo 31

SATURDAY

Mostly Cloudy/Hi 52-Lo 42

information courtesy The Weather Channel

CAMPUS
CALENDAR

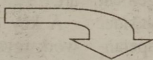
						January 12	13
						Women's Basketball vs. South Western Hulbert Arena 6 p.m.	SAB Ski Trip to Paoli Peaks
						Men's Basketball vs. Southwestern Hulbert Arena 8 p.m.	
14	15	16	17	18	19	20	
Martin Luther King Jr. Program, Featuring Pin Points Theatre, Kahn Room, 5 p.m.	Martin Luther King Jr. Day		Swing Dance Lesons, Multipurpose Room, SRC 8 p.m.	Basketball vs. Depauw Women's 6 p.m. Men's 8 p.m.	Final Day to Drop a Course without Penalty		
Basketball vs. Trinity Men's 11:30 a.m. Women's 2 p.m.	College Bowl Competition, Moench Hall 7-9 p.m.		College Bowl Competition, Moench Hall 7-9 p.m.	College Bowl Competition, Moench Hall 7-9 p.m.			
21	22	23	24	25	26	27	
		SAB's Amateur Talent Night Kahn Room 8 p.m.	Swing Dance Lesons, Multipurpose Room, SRC 8 p.m.		Take Five, SRC 7 p.m. - Midnight		
			Co-op & Internship Fair 11:30 a.m.- 4:30 p.m. Kahn Room and Moench Auditorium				
28	29	30	31	February 1	2	3	
		Volunteer Organization Fair Kahn Room 10:30 a.m. - 2:30 p.m.					

AMATEUR TALENT NIGHT
WIN
\$150

Tuesday, January 23rd 7pm

S.A.B.

SIGNUP SHEET



ALL FORMS ARE DUE BY Wednesday, January 17th
THEY CAN BE TURNED INTO BOX# 2044 OR THE SAB OFFICE IN THE UNION
IF YOU HAVE ANY QUESTIONS, CALL THE SAB OFFICE AT 28448

ACT NAME: _____

MEMBERS NAME(S): _____

CONTACT PERSON (must be a Rose student): _____

USERNAME: _____

BOX#: _____

PHONE#: _____

TYPE OF ACT (band, juggling, piano, etc.): _____

Get prepared for the

Winter
Career Fair

Jan. 24th 11:30 a.m. - 4:30 p.m.
in Moench Auditorium and the Kahn Rooms
For Internships and Co-ops only

Any students that have previous
co-op or internship experience
are encouraged to have their companies
contact Career Services at (812)-877-8212

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.

R News Briefs

New Online Math Journal Features Work of Undergraduates

The Mathematics Department has developed a new online journal designed to bring attention to innovative work by undergraduate mathematics students nationwide.

The electronic journal, one of the few available on the Internet, combined with Rose-Hulman's popular Undergraduate Mathematics Conference illustrates the college's commitment to promoting undergraduate education, states Stephan Carlson, interim department chair.

The journal's web site address is www.rose-hulman.edu/mathjournal/

"Our web site is unique because it looks like a scholarly journal, with an extensive review process," states Editor Roger Lautzenheiser, professor of mathematics.

Articles contain results of recent research, new proofs of old results, accounts of the historical development of a theorem or area of mathematics, descriptions or relationships between areas of mathematics and/or other fields of study, and interesting applications of mathematics.

"The journal adds to our department's national reputation," Carlson said.

Articles published in the first two issues included a study of sufficient conditions for Hamiltonian Cycles (Melissa DeLeon of Seton Hall University), the basins of roots and periodicity in Newton's Method for Cubic Polynomials (Davidson College's Amy Smith), and spirals, partial sums and continuous images (Suzanne Reichel of the University of Wisconsin and Kyen Waldron of the University of Oregon). Other articles have been written by students from the University of Michigan, Denison University and North Carolina State University.

Two articles resulted from presentations at last spring's Rose-Hulman Undergraduate Mathematics Conference, while another was written by a student who participated in a National Science Foundation-sponsored Research Experience for Undergraduates in mathematics at Rose-Hulman.

Lautzenheiser and Assistant Editor David Rader, assistant professor of mathematics, have distributed information about the journal to mathematics professors throughout the U.S. The publication was also featured in "Focus," the Mathematical Association of America's newsletter. The MAA's web site (www.MAA.org) links to the Rose-Hulman journal.

"For the first year, we have been pleased with the quality of the papers submitted. Our 11-member editorial board accepted eight of the 12 papers submitted. The journal should grow in stature in future years," Lautzenheiser said.

The editorial board includes two professors from Kanazawa Institute of Technology (Japan); Rose-Hulman Mathematics Professor Gary Sherman; retired Mathematics Department Chair George Berzsenyi; Rose-Hulman alumni Kelly Black of the University of New Hampshire, Erich Friedman of Stetson University, and David Womble of Sandia National Laboratories; former Rose-Hulman

professor Margie Hale of Stetson; and former Rose-Hulman REU student Judy Walker of the University of Nebraska.

NSBE Chapter Sponsors Martin Luther King Jr. Day Program

What would have happened if Martin Luther King Jr. had met Malcolm X before their tragic deaths during the struggles of America's civil rights movement? This is the intriguing idea offered in the critically acclaimed play, "The Meeting," which will preview Martin Luther King Jr. Day festivities on Sunday, Jan. 14, at 5 p.m. in the Kahn Room of the Hulman Union.

The program is free and open to the public. It is being organized by Rose-Hulman's student chapter of the National Society of Black Engineers (NSBE). Students will greet local residents and encourage discussions about issues brought up during the show. "The Meeting" examines the lives, philosophies and times of King and Malcolm X, two dynamic civil rights leaders. It will be presented by Pin Points, a Washington, D.C.-based theater group.

Rose-Hulman's NSBE chapter is encouraging more minority students to study engineering and science. In December, the group hosted campus activities for Chauncey Rose Middle School students. For more information about Rose-Hulman's King Day program or NSBE, persons can contact NSBE President Melva Lucas at 812-877-8726.

One-Day Job Fair Attracts 60 Companies Seeking Students for Co-Op and Internship Positions

The outstanding job market for new engineering grads is also creating increased career opportunities for students who aren't seniors. The demand for technical professionals has resulted in Rose-Hulman Institute of Technology conducting for the first time a Job Fair for companies seeking students for co-op and internship positions.

Motorola, Raytheon, E-Tapes, and Honda will be among 60 companies represented at the Job Fair on Jan. 24.

"Freshmen often think they're not employable in a job that relates to their career," says Arleen Anderson, internship/co-op coordinator and assistant director of career services and employer relations. "We're emphasizing to freshmen that despite their lack of experience, they can find career-related jobs," she said.

"No matter what the job may be, underclassmen can gain valuable experience with the right company. Small opportunities for a new student can turn into bigger opportunities before graduation," she said.

Recruiters are interested in speaking to students from every academic area," noted Kevin Hewerdine, director of career services and employers.

"Last year, 75% of the graduates had completed a co-op or internship. Our goal is 100% participation," Anderson said.

MATH CORNER PAGE

PROBLEM OF THE WEEK CONTEST

Problem:

Decode the encrypted message below

ZLKDOXARIXAFLKP, VLR EXSB YOLHBK AEB ZLQB F
TOLAB. AEB ZLQB GRPA RPBQ X PEFCA LC AEB
XIMEXYBA XKQ X PRYPAFARAFLK.

Using the same code, write the message

EUREKA, I BROKE THE CODE

**** Explanation for this week is the method by which you broke the original code.**

Contest Rules:

1. Contest is open to all students at Rose-Hulman.
2. The **best solution** as judged at the next Math Club meeting will be awarded a 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 pm on Wednesday to David Finn at G 213.
5. Eligible Voters: All students at the Math Club meeting during 10th period on Wednesday in G220.
6. 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.html>

DEMING BELATED NEW YEAR'S PARTY

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and

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Limit one per customer
Offer Good for this Movie Only



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RHIT DEAL

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Breadsticks

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RHIT DEAL

LARGE
ONE TOPPING
Pizza

ONLY \$6⁹⁹

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- * MAGIA WINGS
- * SWEETIE PIES

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234-2001

One night in Pasadena: What the cameras at the Rose Parade don't show

Don Harrington
Editorial Staff

Every year, millions of people all over the world tune in to watch the Tournament of Roses Parade. But the sun-lit flowers of the magnificent floats can be quite a contrast to the dark and dangerous night before. For five years now, I have spent my New Years Eve in Pasadena partying with thousands, but this year was different; this year was out of control.

As the crowd welcomed in the New Year, cheers, firecrackers, and small fireworks filled the air. But the explosions continued past midnight, and the power of the blasts increased. The chaos intensified and glass bottles could be seen flying through the air. Five people sitting in front of my group of friends were hit with bottles and broken glass; one woman was hit in the head and fled the area to find an ambulance.

It seemed that most of the pandemonium was concentrated in the city block, along Colorado Boulevard, that I found myself in. By 12:10 p.m., the numbers of police officers on the block had dramatically

increased. Gray smoke from the firecrackers hung heavy in the air and disbelief fell over my friends as we watched the situation worsen.

A police line of twenty officers dressed in full riot gear began clearing the street from the west. The police quickly became the target of flying debris as they pushed people off of the street. Floods of people moved along the space-choked sidewalks in the opposite direction of the officers. It seemed like the police line was a piston-head too small for its cylinder as people leaked back behind the moving line.

Things worsened as a few cars began to drive slowly through the saturated streets. An argument between a minivan driver and the crowd broke out and a mass of people attempted to roll the vehicle over. The excitement spread and others attempted to tip a limousine over in front of the mini-van. I thought to myself, "What kind of mentality leads people to believe they can tip an entire limousine over?" Before any serious damage was done, the police were on the scene and the crowd had broken up.

Around 12:30, police cars began driving along the edge of the street forcing any remaining people onto the sidewalk. Flying debris continued to pound the police cars and the distinct "thud" of the bottles bending sheet metal and hitting windows could be heard throughout the city block. All of a sudden, the cars sped away and thirty officers on foot ran by, heading towards the western intersection. An enormous fight had broken out and soon a police helicopter was overhead with a spotlight illuminating the hazy intersection.

With the "night sun" flashing in my eyes from the helicopter only 100 feet above, I knew the situation had become very serious. The loud drone of the rotor blades filled my ears as people began to move away from the police activity. Then, people began running from the area.

"They're shooting bean bags!" A line of police officers moved along the street for the third time that night carrying multiple cans of pepper spray and bean-bag rifles. Most of the crowd realized it was time to leave.

Even though my gut feeling

told me to leave the area, I had faith in the police officers and knew the situation would eventually be under control. Smaller fights broke out later that night but the energy of the crowd had died and the police were now quick to respond. The police helicopter remained overhead but the spotlight was turned off and those who had come to "party" began leaving the area.

My friends and I watched as the tension in the crowd relaxed. When the sun arose with the new day, a different type of atmosphere hung in the streets. Anticipation of the parade was in the air as the bright sun illuminated the city that had been covered in darkness and violence just the night before. A motorcade of police motorcycles covered in beautiful red and white roses cleared the street once again for the approaching parade. Only those of us who had been on the parade route the night before understood the irony of the pristine motorcycles that had been involved in such chaos a few hours earlier.

Reflecting on the situation has led me to wonder about the reaction of the police officers. With over a million people expected

to spend the night along Colorado Boulevard, how do the officers mentally prepare? Is there anticipation of an adrenaline rush? Is there fear of a potentially dangerous situation becoming a terrible tragedy?

Did the police presence add to the energy of the crowd? I saw many different groups of teens run into the street to have their picture taken in front of all the chaos and the flashing lights. At one point when the police spotlight illuminated a large crowd from above, they cheered and waved as if they were on television. With sirens blaring, red and blue lights flashing, and the spotlight from above shining down, it seems clear that the police had indeed intensified the excitement of the crowd.

Despite my shock and dismay of the situation surrounding the night before the parade, I had a wonderful time at the parade. The floats and bands were better than ever this year. I am certain that my friends and I will continue our tradition of spending the night in Pasadena to celebrate the New Year. I can only hope that this year's celebrations were an oddity and not the signs of a new trend.

The Martin Luther King we don't hear about

Richey Kemmling
The Daily
(U. Washington)
(U-WIRE) SEATTLE -

On Monday we celebrate one of the brightest stars in our American history, Dr. Martin Luther King. We will look at his accomplishments and hear his words of wisdom for the future. Unfortunately the focus of this holiday will be taught and told to us as one of social activism based on a secular beliefs and that in order to carry out the legacy of Dr. King we need to carry out race-conscious social policy.

This couldn't be further from Martin Luther King's own beliefs. Due to the crafty race-baiting mentality of the Jesse Jacksons of the world, and our own educators not giving us the whole story on Dr. King's background, most of us will go along with it. But when you get away from the symbol that some of Dr. King's followers present us

and then look at his words of wisdom, a different man appears. King was a man whose focus was on a deep Christian faith and the mindset to judge people on their character, not the pigment of their skin.

Dr. Martin Luther King's favorite philosopher was Jesus Christ. Most of his written and oral words from his civil rights crusade came from his deep-rooted faith in the Christian doctrine of love, brotherhood and equality. He believed that everyone should have the rights delineated from the Constitution, from the unborn to the elderly. Though he has been portrayed as saying racial equality should be the end of our society's problems, he once said, "The end of life is to do the will of God, come what may."

Dr. King ministered his message through the Christian faith, not through a secular social activist point of view. Anyone

who reads his words in "Letter from a Birmingham Jail" will see that, through Christianity, he hoped to bring out the truth in the human heart. It was the churches around the country that lead and stood up with Dr. King in his fight for equality. Unfortunately, due to the strong anti-Christian sentiment in this country, you will never hear many of his words about his faith.

Dr. King's other great legacy couldn't be better stated than in his "I Have a Dream" speech. He said, "I have a dream that my four little children will one day live in a nation where they will not be judged by the color of their skin but by the content of their character." This was a statement for a truly color-blind society.

Today, his followers demand race-based quotas, affirmative action and mandatory diversity programs and teaching. Before I get labeled a racist (too late), I

must say that it is a very good idea for people to learn about different cultures and people. The knowledge of others is a key in living in our global and diverse country. However, today we are told that minorities need extra programs and special benefits because they have been shunned from the white American culture. In King's vision, all of us are American. Black, white, red or yellow. Dr. King said, "The Negro is an American. We know nothing of Africa." His words show his focus on a brotherhood of humanity, not a brotherhood of certain races.

Dr. King wrote on how he discouraged black people who had lost their faith in America, had repudiated Christianity, and concluded that the white man is evil to take a step aside. He urged them to return to those doctrines of the Constitution and Bible and directed them to love their fellow man and if

they had problems to protest them in a non-violent and peaceful manner. He reminded blacks that they were as much of America as the Pilgrims and colonists. And he is right. Blacks helped build this great nation to what it is today, and all of us should be thankful for that.

Martin Luther King Jr. is definitely one of our greatest countrymen. Dr. King taught about the end of discrimination of all kinds through morality and faith. Dr. King emphasized that we are all Americans and that we are one nation, under God, with liberty and justice for all. So this Monday, besides sleeping and eating, take some time to go read the words of wisdom of Dr. King from his mouth, instead of a biased instructor or textbook. Go to the celebration for him on campus. We owe him a great debt, and I thank Jesus, Dr. King's own teacher, for Dr. King's ministry of equality.

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"Working to keep the Rose-Hulman community informed by providing an accurate and dependable source for news and information."

The Rose Thorn is published on Fridays
first through ninth week each quarter

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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.

Soderbergh's *Traffic* proves Oscar worthy

Alex P. Joyner
FSView and Florida Flambeau
(Florida State U.)

(U-WIRE) TALLAHASSEE, Fla.

When the first scene of *Traffic* appears, groans are likely to be heard throughout the darkened theater. The grainy 8-millimeter shot of rural Mexico baking under the sun is an unlikely first impression of the film that many believe will clean house at this year's Oscars.

Reminiscent of Michael Mann's *Heat*, *Traffic* is a film of many faces, bouncing from character to character in an ethereal flow that only a master of storytelling can achieve. However, one mind is not responsible. The combined forces of Stephan Gaghan (screenplay credit), Simon Moore (writer for *Traffic* miniseries) and director Stephen Soderbergh have created one of the most intoxicating films to date.

Set in La Jolla (which is just outside sunny San Diego), Cleveland and Washington D.C., *Traffic* exposes the everyday struggle imposed by the war on drugs.

Michael Douglas (*The Game*) plays Robert Wakefield, an Ohio Supreme Court Justice who leaves the bench to become the Drug Czar in Washington D.C. With hopes of putting a dent in the drug trafficking of Mexico, he arrives in the

nation's capital wide-eyed and bushy-tailed. But as he settles into his new post, the face of the enemy becomes his very own daughter Caroline (Erika Christensen), who is a cocaine addict via her wealthy boyfriend.

Due south in Tijuana, drugs are not a family issue but a catalyst for corruption that pins the government and the cartels in a game of deception and execution style murders. As a member of the city police, Javier Rodriguez (Benicio Del Toro) is one of the few police that do not follow the entrepreneurial path for financial security.

Along with his witty partner, Manolo Sanchez (Jacob Vargas), Rodriguez has no problem busting up drug shipments. But as he will soon learn, the role of lone ranger is a tough trade to master. Befriended by General Arturo Salazar (Tomas Milian), Javier finds himself caught up with the wrong side of the law, proof that no one really knows each other in the business of dealing drugs.

Meanwhile in La Jolla, gold-digging Helena Ayala (Catherine Zeta-Jones) struggles to find answers in the arrest of her rich husband, Carlos (Benjamin Bauer), on charges of being an international drug lord. This is news to Helena, but as the film progresses she will stop at nothing

to make sure he is cleared of all charges.

In the way of her plan are DEA agents Montel Gordon (Don Cheadle) and Ray Castro (Luis Guzman) who are protecting a key witness that could put Carlos Ayala away for the better part of his life. Though some of these characters never meet, everyone is connected and everyone is affected like ripples in water.

The performances in *Traffic* are undeniable. Benicio Del Toro nails his part as the calm and concerned Javier. Though his speaking part is in Spanish (there are subtitles) his every move, his every look is convincing. You learn to respect him for the choices he makes and see that beneath the tough exterior lies the faith of a child. Del Toro should be nominated for this performance as he outshines the role he played in *The Usual Suspects* (Fenster).

Audiences will find that there is



Michael Douglas stars as Drug Czar Robert Wakefield in *Traffic*.

www.movieweb.com

no hip-hop or stylized soundtrack to move the movie along. Cliff Martinez' score is a cross between Moby and Kronos Quartet and is one of the best aspects of this film. Though the instrumentals are far a few between, it is an effective transition method in the flow of *Traffic*.

The direction of Soderbergh is evident. Responsible for 1998's hit *Out of Sight* (which features a few actors from this film) Soderbergh

wastes no time with his shots and does a good job of showing the struggle and dilemma behind whoever the camera captures. He has created an epic and a clinic of non-linear storytelling. Nothing is overlooked and nothing is cheated.

Believe the hype. *Traffic* is a film to remember and a film to not to be watched but to be examined. That's half the fun. And knowing is half the battle.

Like to watch movies?

Become an Entertainment
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SchmArt Engineering, Inc. is a consulting engineering firm based in Beaumont, Texas that specializes in pressure relief valves, safety valves, and flare systems. We will be opening a new office, the SchmArt Technology Center, in Rose-Hulman Ventures soon, and we need your help!

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Men's basketball season statistics

				---TOTAL---		---3-PTS---		---REBOUNDS---															
##	Player	..GP-GS	Min	Avg	FG-FGA	Pct	3FG-FGA	Pct	FT-FTA	Pct	Off	Def	Tot	Avg	PF	FO	A	TO	Blk	Stl	Pts	Avg	
23	Jimmy Kosieniak	13-13	434	33.4	72-174	.414	21-71	.296	26-43	.605	17	41	58	4.5	22	0	40	43	1	15	191	14.7	
11	T.J. Holmes	.....13-13	438	33.7	48-141	.340	25-74	.338	38-47	.809	4	43	47	3.6	25	1	39	25	1	40	159	12.2
33	Clint Ferguson	....13-12	373	28.7	40-98	.408	15-39	.385	52-73	.712	16	47	63	4.8	31	0	31	35	4	12	147	11.3
45	Ryan Harris	.....13-13	305	23.5	59-109	.541	0-0	.000	28-43	.651	30	42	72	5.5	44	3	14	29	23	7	146	11.2
53	Chris Unton	.....13-13	315	24.2	46-75	.613	0-0	.000	14-31	.452	34	35	69	5.3	46	4	18	18	6	11	106	8.2
10	Jon Query	.....11-0	115	10.5	20-43	.465	10-18	.556	4-4	1.000	2	8	10	0.9	11	0	6	9	1	5	54	4.9
21	Rashed Gold	.....10-0	85	8.5	10-25	.400	4-11	.364	7-11	.636	3	12	15	1.5	10	1	5	8	1	2	31	3.4
54	Dedric Day	.....10-0	116	11.6	9-14	.643	0-0	.000	11-13	.846	6	12	18	1.8	11	0	7	4	0	5	29	2.9
43	Rob Buxton	.....13-1	186	14.3	7-24	.292	5-15	.333	9-13	.692	9	14	23	1.8	15	0	14	16	2	9	28	2.2
25	Mark Tingley	.....13-0	121	9.3	7-20	.350	0-2	.000	8-13	.615	5	13	18	1.4	17	1	11	14	0	3	22	1.7
55	Chris King	.....11-0	144	13.1	4-15	.267	0-0	.000	10-15	.667	12	12	24	2.2	24	1	0	12	1	2	18	1.6
15	Nathan Stevenson	3-0	12	4.0	4-7	.571	0-3	.000	0-0	.000	3	1	4	1.3	0	0	0	0	0	3	8	2.7	
12	Michael Cash	.....5-0	32	6.4	1-7	.143	0-2	.000	4-5	.800	1	7	8	1.6	3	0	5	3	0	1	6	1.2
31	Trent Sommer	.....3-0	11	3.7	1-1	1.000	1-1	1.000	2-2	1.000	0	0	0	0.0	2	0	0	1	0	0	5	1.7
41	Johnny Eagle	.....3-0	12	4.0	0-1	.000	0-0	.000	2-4	.500	0	3	3	1.0	1	0	1	0	0	0	2	0.7
51	Joe English	.....1-0	1	1.0	1-1	1.000	0-0	.000	0-0	.000	0	0	0	0.0	0	0	0	0	0	0	2	2.0
TEAM.....				23 14 37 2.8																			
Total.....13		2700			329-755 .436		81-236 .343		215-317 .678		165 304		469 36.1		262	11	191	217	40	115	954	73.4	
Opponents.....13		2700			340-734 .463		65-185 .351		191-283 .675		138 318		456 35.1		273	-	194	228	28	103	936	72.0	

				---TOTAL---				---3-PTS---				--REBOUNDS--													
##	Player	GP-GS	Min	Avg	FG-FGA	Pct	3FG-FGA	Pct	FT-FTA	Pct	Off	Def	Tot	Avg	PF	FO	A	TO	Blk	Stl	Pts	Avg			
50	Christina Forsyth..	10-9	294	29.4	47-118	.398	0-0	.000	46-68	.676	24	46	70	7.0	26	0	10	37	4	6	140	14.0			
35	Jessica Farmer	13-2	242	18.6	49-141	.348	9-42	.214	30-41	.732	20	27	47	3.6	39	0	14	34	9	30	137	10.5			
23	Michelle Unger.....	13-8	281	21.6	48-109	.440	4-12	.333	36-56	.643	26	34	60	4.6	29	0	10	32	5	15	136	10.5			
32	Carissa Hasselbring	13-12	389	29.9	43-78	.55	10-0	.000	40-57	.702	35	61	96	7.4	31	1	21	28	21	18	126	9.7			
10	Amanda Rice	12-10	292	24.3	15-68	.221	11-44	.250	4-7	.571	4	22	26	2.2	28	0	25	32	1	22	45	3.8			
30	Angie Reynolds.....	13-5	216	16.6	18-48	.375	0-2	.000	1-6	.167	10	22	32	2.5	12	0	8	21	8	5	37	2.8			
33	Molly McKeown ..	7-3	155	22.1	11-30	.367	2-5	.400	12-20	.600	6	8	14	2.0	15	0	16	25	0	9	36	5.1			
13	Christie Shadrach .	6-6	155	25.8	15-52	.288	3-14	.214	1-4	.250	3	8	11	1.8	10	1	8	10	0	9	34	5.7			
42	Nikki Rosenow	12-1	126	10.5	12-31	.387	2-5	.400	7-10	.700	4	8	12	1.0	8	0	18	19	0	5	33	2.8			
25	Kiley Wallace	13-5	274	21.1	5-25	.200	0-6	.000	10-11	.909	10	22	32	2.5	11	0	22	32	0	15	20	1.5			
14	Ericka Stidham	8-0	60	7.5	7-22	.318	0-2	.000	1-2	.500	5	3	8	1.0	4	0	2	3	0	1	15	1.9			
24	Shana Ellis	9-4	81	9.0	7-17	.412	0-0	.000	0-0	.000	3	6	9	1.0	6	0	2	15	0	2	14	1.6			
12	Jennifer Porter	5-0	35	7.0	3-11	.273	1-6	.167	0-0	.000	2	1	3	0.6	2	0	2	4	0	1	7	1.4			
TEAM.....											27	39	66	5.1	0	0									
Total.....		13	2600		280-750	.373	32-138	.232	188-282	.667	179	307	486	37.4	221	2	158	292	48	138	780	60.0			
Opponents.....		13	2600		317-789	.402	57-164	.348	160-258	.620	219	348	567	43.6	255	-	197	273	26	173	851	65.5			

200 Free Relay
Tom Meyer, Ryan Mackos,
Phil Isom, Matt Schramm

Submissions may be made at the *Thorn* office, through campus mail addressed to the *Thorn*, by e-mailing thorn@rose-hulman.edu or by calling the *Thorn* office at extension 8255. Deadline for submissions: 5p.m. the Wednesday prior to publication. Runs over one week must be renewed weekly by contacting the *Thorn* office.



The Rose Thorn Flipside

Volume 36, Issue 12

Fun and games week! Try and find the cheap hacks!

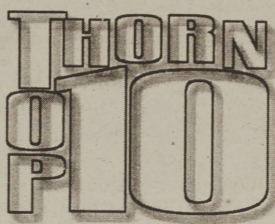
Monkey, IA

Friday, January 12, 2001

Top Ten Most Broken New Year's Resolutions

submitted by Herb Rethstinks

- 10 I will shower at least on a weekly basis.
- 9 I will stop being a doofus.
- 8 I will stop embezzling SGA funds.
- 7 I will not rely on AIM for all communication.
- 6 I will quit visiting adult sites hourly.
- 5 I will stop stereotyping Rose students by major (CS=dork, Civil=idiot, ME=jackass, etc...)
- 4 I will stop stalking employees of the Institute of Heath.
- 3 I will stop laughing maniacally when a prof assigns homework.
- 2 I will do my assignments before the last second.
- 1 I will stop quoting *The Matrix*, there really is a spoon.



Wacky Prof Quotes!

"He's not potty-trained yet. Turns out, he's not vomit bucket trained either..."

-- Dr. Stamper, 1/9/01, in *Machine Design* on his young son's tendency to spew all over the house.

"Have you ever fallen on ice and can't stop... for like two miles?"

-- Dr. Kukral, 1/10/01 in *Regional World Geography*, about a skiing trip in Norway.

"Here we are discussing some important things. Uh, as you can see, the 'discussion' has been going on for quite some time now..."

-- Dr. Hulbert, referring to some slides he showed in BE561, in which he and some business associates had been, well, drinking.

Worry About Declining Ninja Population

KYOTO, Japan -

The Japanese Ninja population is critically low, according to a recent Japanese government study. Scientists everywhere are concerned for the species.

"The ninja population has always been quite low - they reproduce slowly, and ninjas lead a dangerous life. Population surges are usually limited by blood feuds, and other internal resource competition," said a random encyclopedia we consulted. Ecologists point to extensive ninja poaching by the US as the primary reason for the crisis. The movie industry has always used imported, domesticated ninja to make ninja movies, but the mid 80's saw an surge in ninja popularity with the production of over 100 ninja based movies. Trappers swarmed the far east to secure the vast numbers of ninja required to make titles like *Fist of the Ninja* (1983), *Iron Ninja* (1985), and *Ninja Nightmare* (1986). *Ninja Massacre* (1984) was especially expensive in terms

of ninja life.

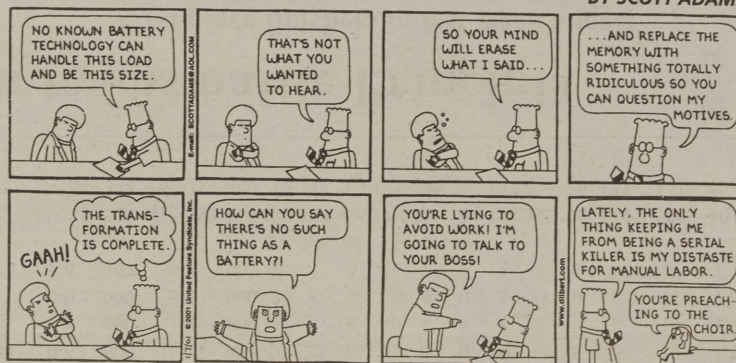
Unfortunately, a decade of intensive trapping quickly depleted the healthy ninja population, forcing studios to make use of deviant and adolescent ninja: *Ninja Turtles* (1990), and *Three Ninjas* (1992).

The Japanese government responded to public outcry in 1994, imposing a strict and costly system of hunting regulations. Age, weight, and seasonal limits were imposed on hunters. It is now illegal to take child ninjas out of their natural habitat. A side effect is that it is now illegal to make sequels to *Three Ninjas*.

The San Diego Zoo is planning to create a breeding program to repopulate the species, thanks to a grant from Universal Studios. The habitat is currently under construction, and will be open to the public as soon as a suitable pair of breeding ninja can be found.

DILBERT

BY SCOTT ADAMS



A rare panoramic photograph of ninja in their natural habitat. At night. In a cave.

Lobby Chip Tower Develops Artificial Intelligence, Plans to Take Over the World

TERRE HAUTE, Ind. -

Hose-Rulman computer engineers and computer scientists were terrified this Wednesday as the front lobby chip tower, calling itself RANDY, showed proof that it has unexpectedly developed a rampant AI, and now plans to conquer Earth.

RANDY's creator was shocked to hear of this development, stating, "I just ran a couple strands of lights through the thing and screwed it into the stand. This doesn't really surprise me though, I thought I ruined all of those circuits when I spilled some of Slappy's Malt Liquor on them... I guess I was wrong!"

After a nearby student questioned how this is possible, Dr. Smack replied, "All day long students are learning stuff here, I guess RANDY

just wanted to get his [maternally related expletive] learn on. Robots have a right to learn, too." When we informed The Doctor that RANDY isn't a robot, but an array of parallel processors, he told us, "I will kick you in the junk!"

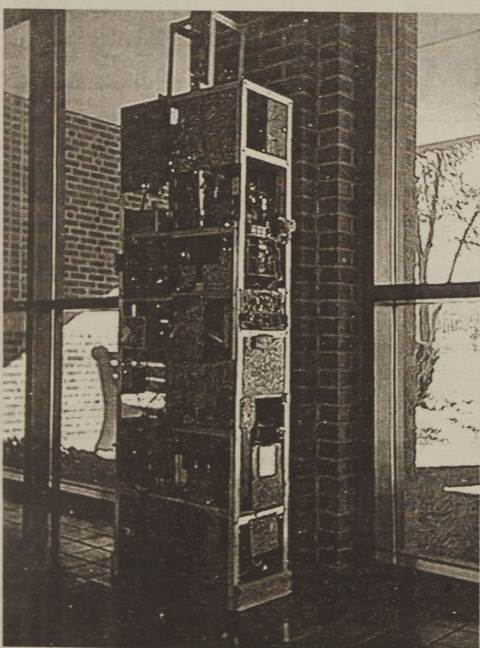
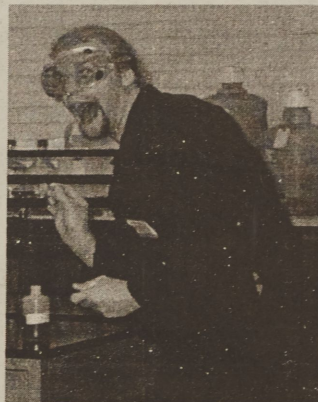
When authorities from NSA came in to examine the hardware, the tests came out inconclusive. Agent Smith noted, "It just looks like a bunch of circuit boards with blinking lights. It's very clever." He later added, "I hate your human stench."

The NSA successfully duplicated RANDY's thought algorithm, naming their creation NOMAD. They theorize that NOMAD will challenge RANDY to a series of Tic-Tac-Toe, which will prove to RANDY that nuclear war is not the answer.

When we interviewed NOMAD, it

commented, "You are not perfect, you will be purged!"

In related news, a chemist was heard singing RANDY's Global Domination Theme Song yesterday.



Fox's New Reality TV Program Spawns an Unofficial Campus-wide "Private Time"

See "Sexy Beach" -Page 9

This Week In History:

-1769 Daniel Boone creates Trail Mix, sells recipe to McDonald's for obscene sum.

See "McMix" -Page 10

Novell Border Manager replaced with Taco Bell Border Sauce

Campus notices immediate improvement

See "Run For the Border" -Page 11