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**Watch
Out
For**

the Rose Thorn

**APRIL
FOOL'S
DAY!**

News Briefs

Rendel resigns as intramural director, baseball coach

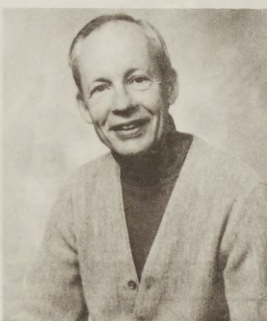
Jim Rendel recently resigned as intramural director and baseball coach at Rose-Hulman due to health reasons, according to Rose-Hulman president Samuel F. Hulbert.

The resignation goes into effect immediately. Assistant coach, George Patterson will coach the baseball team through the rest of the 1989 season.

Rendel has been a familiar face in Rose-Hulman athletics, coaching the baseball team for the past 13 seasons and the soccer team for a ten-year span -- from the squad's inception in 1978 until 1987. He has been intramural director since 1976.

Rendel's 21-year baseball coaching record is 294-403, including a 116-141 mark in eight years at Indiana State University. Rose had its best season under Rendel's leadership in 1980, when the Engineers had a 16-12 record. The team also had a 20-win season in 1987. Rose-Hulman's soccer teams had a 43-102 record under Rendel's tenure.

Rose-Hulman's soccer players honored Rendel's tireless efforts last fall, naming the team's Most Valuable Player



Jim Rendel

Trophy in honor of their former coach.

"Jim Rendel has always been a model person and coach for Rose-Hulman students," Hulbert said. "He was an outstanding teacher, passing along invaluable skills about life and athletics to our students."

Athletic Director Gene Mitz said: "Jim has been a dedicated educator and baseball coach who always committed himself to the betterment of Rose-Hulman students. Those students -- past and present -- always appreciated the contributions Jim made -- on and off the baseball diamond -- in their college careers."

Rose offers unique look at Russian life during study abroad program

Working on a farm in a region of Russia known as Cosak Country and taking lessons from the famous Krasnodar Chess Club are not activities usually on the schedule of a college-sponsored study abroad program.

But then, the four-week Russian language program planned by Rose professor Peter Priest is not your typical academic-oriented trip to the Soviet Union.

Priest is accepting registrations for the tour which begins July 12 and will return Aug. 8.

"Why study in Krasnodar? Because the city is closer to the way Russia really is. It is ideal for learning the Russian language because it is a moderate-sized city off the tourist routes," Priest explained. This will be the sixth such trip to the Soviet Union he has conducted.

"Can you imagine the kind of distorted picture of America visitors get if they only visit New York City or Washington, D.C.?" Priest asked.

"Our first trip to Krasnodar

last year convinced me that the students learned more Russian and made more lasting contacts as a result of our three weeks in the city," Priest added.

He described it as a people-centered program.

"Extra curricular activities will enhance a student's ability to learn the language. Whether it be bargaining over the sale of fruit at the farmer's market or dancing with Russians in the park, the program is geared to provide a great deal of interaction with the Russian people," he said.

Participants will also get a rare opportunity to work on a Russian farm at harvest time.

"Many people have been transferred to Armenia to help with the cleanup and rebuilding after the earthquake. This year, students will have the opportunity to spend one day or several weeks working as a volunteer on a Russian farm," Priest said.

Persons interested in more information can contact Priest by calling 877-8280.

Spence Receives Army Award

Cadet Robert A. Spence, a junior at Rose-Hulman, has been selected by the U.S. Army to receive the American Logistics Association award for 1989.

The award is given annually to outstanding cadets enrolled in the Army Reserve Officer's Training Corps. The cadet must be in the top 25 percent of his or her class academically and be recommended by a professor of military science.

Spence is a ROTC scholarship student who is majoring

in electrical engineering and pursuing a technical translator's certificate. Last summer, Spence spent six weeks in Europe studying Russian and German with an Army intelligence group.

He currently holds the rank of first sergeant in the Wabash Battalion, the largest ROTC battalion in the United States.

The award, consisting of a medal and certificate, will be presented during the annual Wabash Battalion spring review in April.

Management style subject of Schmidt Lecture on April 6

An entrepreneur and former corporate vice president at Xerox, who is nationally known for his successful management style and his contributions to advances in computer technology, will deliver the annual Oscar C. Schmidt Memorial Lecture on free enterprise April 6 at Rose-Hulman.

The featured speaker will be Renn Zaphiropoulos, an executive whose business philosophy is studied by college students and is featured in national best sellers. Prior to creating his own high-tech firm, he was instrumental in the creation of the first electrostatic printers which made it possible to produce hard copy from data generated by computers.

His topic will be "Cultivating Elegance in Management." The program begins at 11 a.m. in the GM Room (B-119) of Moench Hall. The lecture is free and open to the public.

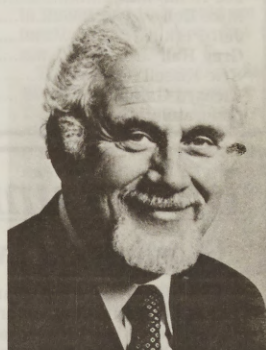
Zaphiropoulos will also receive the Chauncey Rose Medal, which is presented each year to the Schmidt Memorial Lecturer.

He is the co-founder of Versatec, Inc., the world's leading producer of electrostatic printers and plotters. In 1975, his company was merged with the Xerox Corp. At the time of his retirement last year, he was president and CEO of Versatec and corporate vice president at Xerox.

His successful management philosophies have been featured in the recent best seller, "A Passion for Excellence" by Tom Peters and in John Kotter's book, "Power and Influence."

Zaphiropoulos has been a guest lecturer at the Harvard Business School and at Columbia and Stanford universities. He served as a consultant to several national corporations including GTE Sylvania, Bechtel, Apple Computer, Applied Technology and Kaiser Electronics.

The endowed lecture series at Rose-Hulman was started in 1953 through the generosity of the Cincinnati Butcher's Supply Company in memory of the late Oscar C. Schmidt, a pioneer



Renn Zaphiropoulos
1989 Schmidt Lecturer

manufacturer of machinery for the packing industry.

The purpose of the programs is to present addresses by prominent business and industrial leaders so Rose-Hulman students will have a better understanding of industry's place in American life.

Oexmann to spend next year studying fault tolerance in England

by Craig Stucky

The Computer Science Department will be the benefactor of new technology due to arrive in the fall of 1990.

In this case, though, it will not be in the form of new computers or software, but in the new insights of department member Dale Oexmann.

Oexmann, with over twenty years of service as a Rose-Hulman professor of mathematics and, more recently, of computer science, has been awarded a Lilly Endowment Faculty Open Fellowship.

With this award he and his family will travel to England where he will research the area of fault tolerance in systems design.

Fault tolerance, as explained by Oexmann, is concerned with the predictability of a system in the event it malfunctions or completely breaks down. Mechanical systems are given fault

tolerance by supplying duplicate back-up systems - two fuel pumps, three computers, ten batteries - to take over in the event the main system fails.

But with the increasing complexity of today's technology, the software itself - the programs running those machines and systems - must be designed so that in the event of a failure in the program they will behave in a predictable way.

Herein lies the crux of Oexmann's interest: the integration of tolerant software and tolerant mechanical systems to provide maximum predictability and safety.

Oexmann will be working with and learning from some of the world's leading experts in this area of study at the University of Newcastle on Tyne in England. There, a core of scientists has been working on fault tolerance since circa 1971. Members of the group have printed and edited

books on fault tolerance and computer reliability.

Oexmann hopes not to learn how to safeguard specific systems, but rather to expose himself to the fundamental techniques usable in systems design.

"Lilly wants something different" summarized Oexmann in regard to the general goal of the fellowship program. It is aimed at faculty in 'mid-career' who desire to get away from teaching to learn about new fields, work on special projects, or to just get away and reflect, through reading and other means, on how to improve teaching and curriculum.

Oexmann surely will benefit from an academic year abroad both personally and professionally. The experience of a different culture and teaching techniques should also reward Rose-Hulman on Oexmann's return by providing the means to share new insights into computer science to the students here.



Calling for dollars

Various student groups have taken time out to participate in Rose-Hulman's annual phonathon. Students call Rose alumni to encourage them to contribute. The phonathon, which will continue through the next week, makes use of 15 phone lines. As an incentive to the student volunteers, each student receives a two-liter bottle of Coke if he receives a pledge for at least \$25 or if a graduate increases last year's pledge by 25 percent.

photo by: Matt Morris

Opinions and Columns

Fraternity Row

Delta Sigma Phi elects officers

The Delta Sigma Phi fraternity would like to congratulate its newly elected officers for 1989-90:

Matt Kintzele	President
George Angelov	Vice President
Jeff Sale	ELD
Ryan Roth	Secretary
Russ Peterson	House Director
Joe Hentz	Steward
Mike Bell	Rush Director
Jeff Perkins	Social Director
Greg Hall	Athletic Director
Eric Kissell	Treasurer
Richard Gamble	Treasurer

Congratulations!

Entertainment Briefs

'Ghostbusters Two' near completion

UPI - Bill Murray, Dan Akroyd, Sigourney Weaver, Harold Ramis and Rick Moranis have wrapped up principal photography for "Ghostbusters Two."

The comedy reunites all the stars of the original 1984 com-

edy hit, along with the return of supporting players Annie Potts and Ernie Hudson.

Ivan Reitman, who also produced and directed "Ghostbusters," has begun post-production work on the film at Columbia Pictures.

'Fletch Lives' starts big

UPI - Newcomers dominated North America's movie houses last week, with "Fletch Lives," a Chevy Chase vehicle, leading the debut pack with \$8 million at the turnstiles.

The other new films at the top of the weekly chart were "Leviathan," No. 2, and "The Rescuers," No. 4. "Lean on Me," in its second week, was No. 3.

Rounding out the top five was Academy Award favorite "Rain Man."

Chase's sequel to "Fletch," the continuing saga of a seedy, wiseguy investigative reporter, opened even stronger than the original in 1,479 theaters.

Second-ranked "Leviathan," an underwater sci-fi yarn, made its debut on 1,393 screens and netted \$5 million. It stars Peter Weller and Richard Crenna as intrepid adventurers.

"Lean on Me" grossed \$3.6 million. The drama stars Morgan Freeman as Joe Clark, the real life Paterson, N.J., high school principal. It dropped 21 percent and out of the No. 1 spot.

Playing in 1,107 theaters, "Lean on Me" has accumulated \$15.9 million.

"Rescuers" is a re-release of a not-so-classic Disney feature-length cartoon of a dozen years ago. Recirculated to pick up younger viewers during spring break, it grossed \$3.6 million on 1,446 screens.

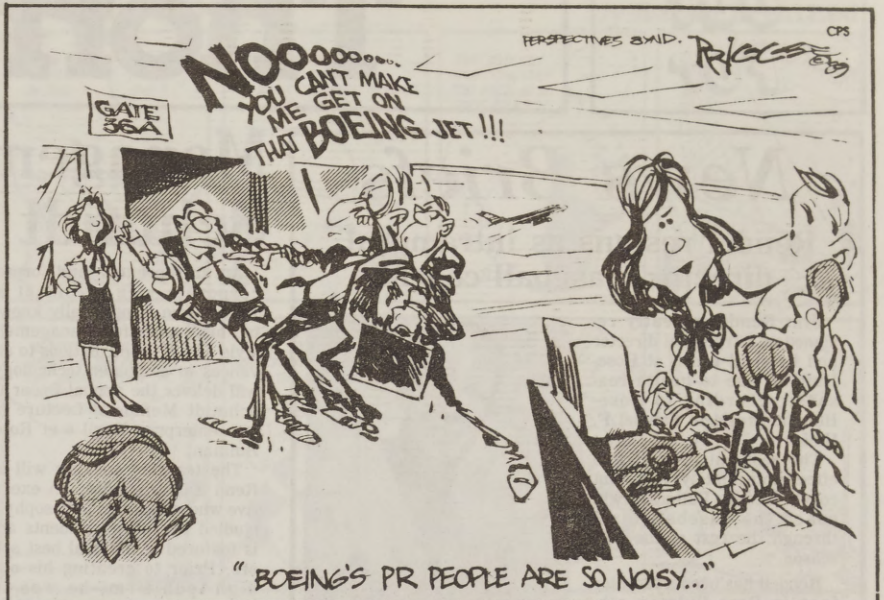
"Rain Man" continued to pour dollars into 1,501 theaters with a take of \$2.8 million in its 14th week. Spurred by director Barry Levinson's award from the Directors Guild of America, "Rain Man" rose from No. 6 to No. 5. So far the front-running Oscar contender has grossed \$130.2 million.

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



Letter to the Editor

To the Editor

I would like to comment on some of the statements concerning SGA funding of clubs made by Bobby Woolf in a Letter to the Editor in the Thorn's February 10 edition. Mr. Woolf listed seven clubs (German Club, Foreign Policy Association, Orient Club, Orienteering Club, Rose Technic, Russian Club, and Weightlifting Club) which he felt should be funded by Rose-Hulman institutions other than SGA. In his letter he said that if clubs don't "support the interests of a large cross section of Rose students" or if clubs are "simply reflections" or "a direct outgrowth" of the HSLS, ROTC, Alumni, or Athletic departments, those clubs should be funded by the program most closely related to the club.

I question Mr. Woolf's "large cross section" criteria. Indeed, I feel all clubs, with the possible exception of SAB, are special interest organizations. Only around 10% of the student body is interested enough in radio broadcasting to join WMHD, which is one of the largest clubs on campus. Clubs with narrower appeal attract fewer members and receive less SGA funds. The degree to which a club is specialized should have no bearing on whether or not SGA supports it.

Contrary to what Mr. Woolf stated, even if all the members of the Orienteering Club did participate in ROTC, the club should not be discriminated against. (For your information Bobby, this is not true: cadet participation has been below 25% during the last four years which I have attended this institution.)

I also contest the notion that all of the above clubs are "simply reflections" of academic or athletic programs. In this matter I can only speak for the Orienteering Club, but similar arguments also hold true for the other clubs mentioned. Orienteering involves land navigation skills and physical fitness, both of which are admittedly desirable assets to the ROTC department. More importantly, however, the Orienteering Club exists to provide social and recreational outlets for its members. In other words, we are a bunch of guys who like to get away from Rose and have a little fun in the woods every once in a while. It is possible that some of us participate simply because we find that closeness to nature brings a sense of beauty, solitude, and peace. What department does this fall under, Bobby? The Orienteering Club, as well as

nearly all other SGA supported clubs, promotes the welfare of its members in ways which the traditional academic or athletic institutions have no interest in.

A more fundamental question which Mr. Woolf's letter brings up is, "What is the purpose of student supported clubs?" From my personal experiences I answer as follows: They actively develop interests important to a small number of students. They bring students from different parts of the campus together in a social setting. They furnish opportunities for students to develop leadership and organizational skills outside of traditional academic and athletic experiences. They provide an essential recreational outlet to ease scholarly pressures and encourage individual expression. All of these purposes are either outside the realm of responsibility of the academic and athletic establishments at Rose, or are best served without institutional strings attached. I hope SGA representatives take time to consider my thoughts as the club funding process begins.

Steve Kreger
President, Orienteering Club
Member, WMHD Broadcasting Club

Purdue wins Rube Goldberg contest

UPI - A team of Purdue University engineering students demonstrated the world's most complicated pencil sharpener at Purdue University to win the first national Rube Goldberg Machine Contest.

Goldberg, who died in 1970, was a cartoonist who specialized in drawing complicated machines to perform simple tasks. In keeping with his spirit, student teams from three universities demonstrated their machines designed to sharpen the end of a wooden pencil in less than five minutes, using at least 25 steps.

Teams from the University of Detroit and the University of Wisconsin also competed.

The winning machine built a new pencil for a student doll that was equipped with only a broken pencil at the starting line, said team spokesman Jeff Cottingham, a Kokomo, Ind., native.

The machine was set in motion by placing a test paper in the stu-

dent doll's hand, which activated a panic sign and started the figure rolling forward.

Gadgets included on the machine were a mousetrap, a toy truck, and a computer plotter that wrote "Rube Goldberg" on a piece of drafting paper. A wood-chopping version of "Purdue Pete," Purdue's athletic mascot, chopped down a tree for making more pencils.

The machine's finale included a newly sharpened pencil, which fell through a series of guides into the arms of the distressed student doll, who then exclaimed with a cartoon-style caption, "Whew, Thanks!"

Other members of the winning team include: Greg Arent, Darien, Conn.; Ken Bowman, Lafayette, Ind.; Don Brown, Newburgh, Ind.; Kevin Facinelli, Penfield, N.Y.; Vearl Turnpugh, Logansport, Ind.; and Jim Vierira, Kokomo, Ind.

The winning machine was the only entry to complete the task without intervention, an accomplishment that contest judges said contributed to its victory. The other teams had to nudge and prod their machines to the finish line.

Cottingham and his six teammates, all students in the Purdue

School of Technology, received a first-place prize of \$200 and a five-foot-high Rube Goldberg traveling trophy.

A \$100 second-place prize went to the University of Wisconsin team for its machine, "Bucky Badger's Hydro-Electro-Mechanical All-Purpose Pencil Sharpener." The team from the University of Detroit received a third-place award for its entry dubbed "48 Hours."

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Sports

Baseball team loses four games



by Kent Agne

The Rose-Hulman baseball team had a rough time of it last week, capped off by 4 losses over the Easter weekend.

After the 2-2 start since returning from Spring Break, the Engineers were looking optimistically to continued success in the Northern Season. But, the second week of the quarter held bad news for the team. The first setback came with the sudden retirement of head coach Jim Rendel. Coach Rendel resigned for health purposes after being hospitalized for the first week since returning from Florida (see related story on page 1). Assistant Coach George Patterson has assumed the interim position of head coach, and football coach Scott Duncan is assisting him.

On March 22nd, freshman pitcher Dan Feagan suffered a broken nose in practice. Feagan was scheduled to pitch for the team the following day but had to be scratched from the rotation. Sophomore Kevin Patterson stepped in from a primary relief position to fill the void.

The games that day were against Marian College and were played at ISU's field. Rose dropped the opener 7-4 despite a

fairly solid performance. Marian scored 5 of their runs with two men out, a stat that describes the Rose season thus far, for the defense has had problems getting the third out of an inning when the opposition has runners on base.

In the nightcap the Engineers 5 hits were scattered from inning to inning and they could not put together a rally. Rose lost this one 10-0.

The next day, Rose travelled to Bloomington to take on the Big Ten's Indiana Hoosiers. Although they lost the opener by a score of 11-0, the pitching of freshman Doug Keiter allowed the Division I team to only six earned runs in his complete game effort. Keiter gave up just 7 hits, but defensive mistakes and a lack of offense limited the help for his cause.

In the second game, Rose lost 8-1 despite staying close throughout the game. The team had runners in scoring position in 3 innings, but could only get one man across the plate.

Tomorrow, the team travels to Hanover College for a double-header and will get a rematch with Marian College in Indianapolis on Sunday.

A Rose-Hulman player tags out an ISU player from the 1988 Mayors Cup Game.

photo by: Tim Mulzer

Tennis off to a rough start

by Mike Linder

The start of the season has been a rough road for the Rose-Hulman tennis team. Their first meet against Lake Land Community College was canceled due to rain and cold temperatures.

On, March 16, the engineers were defeated by North Central College at home by a score of 7-2. The singles scores were: 1) Tony Pollen lost 1-6, 3-6; 2) Jay Eiler lost 2-6, 3-6; 3) Eric Berzsenyi

lost 4-6, 1-6; 4) Steve Magruder lost 6-7, 1-6; 5) Doug Guinn lost 2-6, 2-6; 6) Evan Kokoska won 7-5, 6-3. In doubles: 1) Tony Pollen and Dale Conroy lost 5-7, 4-6; Eric Berzsenyi and Steve Magruder lost 4-6, 3-6; Evan Kokoska and Neil Petroff won 2-6, 6-4, 6-2.

For their next match, the netters were supposed to play a dual match against the University of Indianapolis and Vincennes

University, but the mischievous spring weather again caused the match to be canceled.

On, March 22, the team traveled to Wabash College and were beaten 9-0 by a very good squad. In fact, Coach Dan Hopkins believes Wabash will be rated in the top 20 teams in Division III tennis. Even though their first two matches ended in defeat.

BLOOM COUNTY

by Berke Breathed



The Engineers' Tennis Schedule

April 5	at DePauw University, Greencastle
April 8	ROSE-HULMAN INVITATIONAL, 9 a.m.
April 12	WABASH COLLEGE, 3:30 p.m.
April 15	at S. Indiana/Bellarmine College, Evansville
April 22	ILLINOIS BENEDICTINE COLLEGE, 10 a.m.
April 23	at Rusty Gates Tournament, Rockford, Ill.
April 26	at Vincennes University, Vincennes
May 4-6	at CAC Tournament, Sewanee, Tenn.
Home matches in capital letters.	

Service and Mission Day

Saturday, Apr. 8, Noon-3 p.m.
AT THE
United Ministries Center
Spend an afternoon helping an
elder member of the community
with spring clean-up chores and
yard work.
Call 232-0186 to sign up

FLOAT DOWN Sugar Creek

WITH THE
United Ministries Center
Saturday, April 15
We will depart Terre Haute 7:30 A.M.
and return at 6 P.M.
Cost of the canoe trip is \$10
Registration Deadline is
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For More Information Call 232-0186

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Humor/Satire

Pocket Protector Shuffle

Ever notice how much you can tell about someone by what type of calculator they have and how they use/abuse it? We were going to diversify this time, so we asked some IZU students about their preferences, but all we got were blank stares. We asked some Woodsies, but all we could dig up was a card that converted between cups, tablespoons, and teaspoons. So, once again, we were forced to come back to Rosem for the story.

Slide Rule: Of course, no one ever uses one of these anymore, unless toasters are too "new-fangled" for them. You sure hear a lot from teachers though, taking about the "good old days." "Why," they claim, "we'd whip out a polar to rectangular conversion in 2 seconds flat, but it took 10 seconds for the slide rule to cool off to the point we could handle it again..." This is sort of doubtful, coming from people who seem none too handy with a piece of chalk. These are the same people who claim, "When I was your age, sonny, we didn't have women!" Which could explain the Bored of Managers.

Four Function Special: Picked up at K-Mart for \$3. If they really splurged, it might have trig functions, too. Somehow, they never seem to be among the first finished at anything that involves calculation, but they don't care. Ask them why they didn't pay \$50 and get a decent calculator, they will usually retort that they have something that works too, and that you have wasted \$50, hah! And you wasted money on your car, too. An internal combustion engine is a luxury. Ask them if \$100 isn't worth countless hours saved on tests and homework, and they'll say, "That does not compute." Well, no, not on their calculator, anyways.

HP-11 or HP-15: Let's face it, RPN is not a way to calculate, but a religion. These calculators don't do much more than comparably priced calculators from other manufacturers, but it's like a badge of sorts. Plus they come with those neat-o cases... They may be sneered at by the HP-28 users, but by God they can sneer at any non-HP calculator! "Look, my Dull 7000 has the computing power of a Cray II!" "Yes, but does it use RPN? No? Pity. Now my HP-11 here..." The strange shape is of no concern to the owners, although they have all at one time or another tried to write a check on it. It's always fun to give one of these to the owner of a Four Function Special and watch him hunt for the "=" key.

Tower o' Power: There are any number of calculators out there

with special features, such as a full QWERTY keyboard, graphing capabilities, inflatable doll (useful on tests), or Space Invaders built in. The usefulness of owning one of these can be explained easily when one realizes that there is no one else on campus who can run one of these, so the chances of it getting borrowed is slim at best. This can be more of a draw than most people realize, especially when your roommate makes Uncle Scrooge look like a spendthrift. "Oh, I can't afford \$50. Say, you aren't going to be using your calculator anytime this week, are you? No? Good. Hey, wanna go in on a pizza?" If he realizes that during a test it is just as likely to play "Bolero" as it is to add two numbers, he might be convinced to go down the hall to borrow a Four Function Special.

King of the Calculators: The top of the line, of course, is the HP-28S. Most comments that apply to the HP-11 apply to this, as well, but there are a few other things. First, the confusion factor for someone borrowing it is the same as the other Tower o' Power calculators, enhanced by the fact that the owner only knows how to use 10% of the functions himself ("Read the manual? Why?"). For some reason, the function that most of them miss is how to turn off the damned beeper! The next time you're taking a test and you hear a "beep" from somewhere in the room every few minutes, realize that he hasn't left it on as a status symbol so that you'll know he has one, but because "51 SF" is beyond him. He might find a bomb under his chair on the next test. This is just an example of information overload. Next time he brags to you about the 576 functions his calculator performs, realize that he only knows about 50 of them, understands about 20, and uses about 10. Just console yourself with the fact that when the 28X comes out in 6 months he'll be obsolete too.

Geekamania: Regardless of what type of calculator, there is a slight chance that you might be a (gasp) calculator geek. Ask yourself these easy questions. Does your calculator now play *Defender*? Can you fold your HP-28 over and type on the back keys by feel? Do you carry your calculator wherever you go (although class is acceptable), including the bathroom (interesting problems in fluid mechanics)? Do you have a special holster on your belt to carry the darn thing ("This class ain't big enough for the two of us! Draw!")? Do you type reports with it? Does Sharp call you when they have a question? Did you read this article?

Top Ten Deeds to Contend for "Presidents' Service Award"

1. Volunteer to intercept all those darned flyers before they get to our mailboxes.
2. Convince the registrar that teachers should be required to take HS courses, too. Namely, English.
3. Become official ARAT food taster. You'll be well loved till your death, although that won't be long.
4. Inform WMUD that if people really wanted to hear them at 200 decibels on Campus Cleanup Day, they just might tune in.
5. Replace all Geek Center keyboards with vastly more reliable TI-99 keyboards.
6. Bring a 10' fan to classes in those "scientifically climate controlled" classrooms in Olin. "Vietnamese Rain Forest" isn't the climate we were looking for...
7. Bomb the Torn offices and save us from having to think up any more of these.
8. Renumber Munch hall so that its second floor actually lines up with Crappo's second floor. What the heck were they thinking?
9. Install a huge air filter around Rosem. No need for menthol...
10. Move Rosem to someplace more suitable. Harlem perhaps.

BLOOM COUNTY

by Berke Breathed

