

Rose-Hulman Institute of Technology

Rose-Hulman Scholar

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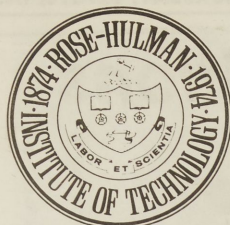
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the Rose Thorn

Vol. 19, No. 2

Rose-Hulman Institute of Technology

SEPTEMBER 8, 1983



A Message from Our President

Dear Members of the Student Body:

It is a pleasure to welcome you to the campus.

Those of you who are returning will note considerable change has occurred. We have moved into our new classroom laboratory building for Chemical Engineering, Civil Engineering and Life Sciences, known as Olin Hall. This building is the result of the second largest gift that our school has ever received. The Olin Foundation paid not only for the construction of this new facility, but for equipping it. In my opinion, there are no finer up-to-date undergraduate engineering and science facilities in the country. Rose-Hulman has always been blessed with an outstanding student body and an excellent faculty and a very dedicated staff. But, the truth of the matter is that the quality of our people has been better than the quality of our facilities. We now have top flight facilities to go with top flight people.

The renovation of the front two sections of Moench Hall is well underway and is scheduled to be completed in time for the third quarter of this academic year. The front section will provide new facilities for the admissions Office, Business Office, Registrar's Office, new offices for the Humanities and Social Sciences facilities for Physics and the Electrical Engineering departments, as well as a theater-type classroom with all of the latest visual aide accessories.

The administrative offices are being centralized in our new administrative center known as Hadley Hall. George Hadley, a graduate of the class of 1929, provided a gift which paid for a significant portion of Hadley Hall. George's wife Mary Alice was a very well known ceramic artist and her art collection will be displayed in Hadley Hall. The President's Office, Vice President for Academic Affairs, Dean of Students, Associate Dean of Students, Financial Aid, Counseling, and Residence Hall Management offices are all contained in Hadley Hall.

The Templeton Building is being remodeled to house all of the Placement interview rooms as well as an expansion of the Public Relations and Alumni offices.

New furniture has been purchased for the lobbies of Deming Hall and Speed Hall.

A new roof has been placed on the Fieldhouse.

A new road and parking system has been installed



Dr. Samuel F. Hulbert

with a considerable expansion in the number of parking spaces.

Those of you who are returning to campus will note a number of other changes resulting from the new facilities and remodeling. The Admissions Office is temporarily occupying the old Civil Engineering offices, and the Business Office is located in the old Chem E offices. The Registrar's Office has moved to the former offices of the Dean of Students, and the ROTC has moved to the old Environmental and Biological Science laboratories. The Student Bank and the Print Shop are located in the old Chem E laboratories. A majority of the Humanities and Social Science faculty offices are located temporarily in the Graduate Student offices in Olin Hall.

There have been some administrative changes: Chemistry, Chemical Engineering, Civil Engineering and Mechanical Engineering are now all separate

departments as opposed to the previous division structure. Dr. Tom Mason, former head of the division of Humanities, Social and Life Sciences, has been appointed Vice President for Administration and Finance.

We have the following new members of our faculty:

Bruce A. Black, Associate Professor of Electrical Engineering.

Robert M. Bunch, Associate Professor of Physics.

SSG Glen Chasteen, ROTC.

Patricia B. Dees, Visiting Professor of Russian.

Andrew Duwelius, Adjunct Professor of Geology.

CPT William Flickinger, Assistant Professor of Military Science.

Constant Goutziers, Assistant Professor of Mathematics.

Patrick G. Harkins, Adjunct Professor - HSLs.

LTC William W. Kakel, Professor of Military Science.

O. Terry Kent, Visiting Assistant Professor of Philosophy.

Jean Knight, Adjunct Professor of Art.

Michael McInerney, Assistant Professor of Physics.

Peter Reynolds, Assistant professor of Computer Science.

SFC Vernon Tubbs, ROTC.

On the basis of their academic records, the class of 1987 is one of the most qualified in the history of our school. Their average SAT scores are an all time high for our school. Almost 25% of them were ranked first, second or third in their high school class. We received almost 2,700 applications for the 350 positions in the class. The applications for next year are running ahead of this past year.

Approximately 92% of last year's graduates have been placed. We are continuing to work with the 24 students who are still looking. In spite of the fact that we don't have 100% placed for last year, at this time we are doing considerably better than any other engineering school which I am familiar with.

All in all, the 1982-83 year was one of the best in the history of our school, and 1983-84 promises to be an even better year.

I would like to invite any member of the student body to make an appointment to visit with me whenever they have anything they would like to discuss.

My hope for you all is that Rose-Hulman Institute of Technology meets your expectations, and that you have a very challenging and rewarding year.

Sincerely,
Samuel F. Hulbert
President

Freshman Class Tops in Median Class Rank, Number of Valedictorians & Merit Scholars

Rose-Hulman Institute of Technology's Class of 1987 has at least three distinctions — the highest median class rank (95.5%) in the school's history and record numbers of high school valedictorians (55) and National Merit Scholarship winners (44).

Three hundred sixty men from 36 states have enrolled as new freshmen. Two hundred six, or 56%, are from Indiana. Thirty-one are matriculating from Ohio and another 26 hail from Illinois.

The median, or middle man in the class, ranked at the 95.6

percentile of his high school class. The class median on the College Board SAT is 540 in verbal and 680 in mathematical aptitude. Eighty-nine freshmen, or one-fourth of the new freshmen, ranked in the top three positions of their high school class. Fifty-five ranked first, while 18 and 6 ranked second and third respectively.

In class rank distribution it was noted that 92% ranked in the top one-fifth of their high school class, with the remaining eight percent achieving the second quintile.

But as Charles G. Howard, dean of admissions, points out, the Class of 1987 at Rose-Hulman is much more than a statistic of high college board scores and an exception in high school class rank.

"Once again we have a significant number of our incoming students who were actively involved in high school activities," Howard said. "Their activities ranged from attending Boys' State to student government, publications, music and varsity athletics."

Continued on Pg. 4

Dr. Mason Named VP for Finance

Dr. Thomas W. Mason, professor of economics and head of the Division of Humanities, Social and Life Sciences, has been appointed to the position of vice president for administration and finance effective Aug. 15, according to Rose-Hulman president Dr. Samuel F. Hulbert.

"We are very fortunate to have an outstanding administrator readily available to assume the leadership in the Office of Administration and Finance," Hulbert said.

"Rose-Hulman received more than 100 applications for this position, and after a detailed reviewing and interview process by a committee comprised of faculty, staff and board members advising the president on this matter, it was the unanimous decision to recommend Dr. Tom Mason for this position."

Mason, 37, replaces Raymond J. Miller, who moved to a similar position at sister engineering-science institution Harvey Mudd College in Claremont, Calif., in June.

A native of New Brighton, Pa., Mason earned a B.A. in economics (Summa Cum Laude) from Geneva College in 1968 and the M.A. and Ph.D. degrees in economics from the University of Pittsburgh in 1970 and 1972 respectively.



Dr. Thomas W. Mason

Mason joined the Rose-Hulman faculty as an assistant professor of economics in September, 1972. He was promoted to associate professor in 1975 and assumed the added administrative responsibility of head of the Division of Humanities, Social and Life Sciences in 1976. He was promoted to the rank of full professor in 1979.

He has been an active participant in Rose-Hulman's Center for Technology and Policy Studies (CTAPS) since its founding, having served as associate director to the center since 1975.

Ken Weber Returns for Hypnosis Session

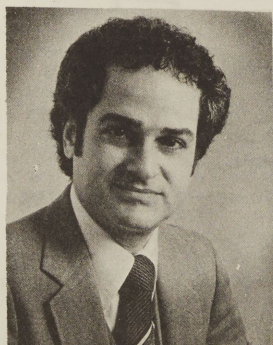
Ken Weber, nationally known hypnotist and mentalist, returns to Rose Saturday evening, September 10, in the WORX (lower level of Hulman Union.)

Weber's show is a highly entertaining (and very funny) demonstration of the incredible powers of the mind. Using members of the audience, whom he has never met, Weber guarantees "you will see things you will NEVER see on television!" Weber will answer questions after his show.

Newsweek magazine said that Ken Weber is one of the "most recommended" performers for college audiences. He has won the Playboy Club's "Entertainer of the Year" award. Weber was described as "A Master Entertainer," "A Knockout," and "A Smashing Hit" by other

critics.

A native New Yorker, Weber is certified in clinical Hypnotherapy by the University of California at Los Angeles



Ken Weber

Medical School. Weber will answer questions after his show.

Last year, Weber amazed Rose audience members with a tantalizing display of hypnotic techniques and recommendations for self-hypnosis. Weber emphasizes the fact that he never makes anyone do anything against that person's will during hypnosis. According to Weber, people will not do something they do not want to, even under hypnosis.

Ken Weber kicks off the year for the Rose-Hulman Student Activities Board (SAB). SAB presents coffeehouses, competitions and other fun events to help Rose students occasionally get their minds off study. SAB is also sponsoring this year's homecoming performer — Gary US Bonds.

Thorn Wants Writers — A Look at the New Year

We want you! Contributors to the '83-'84 Thorn in reporting, photography, layout and sales will help Rose's future — and yours too!

What do you get out of it? Nowadays there is a big push in industry toward better management — and that means careful planning through communication. Statistics show that people who communicate well earn more in industry. Being on the Rose Thorn staff is a great way to practice writing and learning better communication skills.

Thorn positions open include layout manager, subscriptions manager, movie reviewer, senior sportswriter, ad manager, secretary, photographers, reporters, and typists. The Thorn also welcomes people who want to contribute in any way at any time. We need ideas for new features, layouts and ads.

Staffing, distribution and policy changes mark volume 19

of the Thorn.

Special edition feature inserts will require your help and ideas. The inserts will feature personal stories about students, teachers, clubs, societies, industry and industrial leaders. This effort will require people with an interest in spending a little extra time with the details of a story: reporters who are interested in learning a lot about someone or something.

A new subscription service is available to parents this year for the first time. Subscription price is \$6.75 for 28 issues. This new service requires a subscription manager.

Letters to the editor on any subject are always welcome to the Thorn. Please submit typed and double spaced, where possible. All letters must be signed. Names will be withheld in special cases only. Please use concise, tasteful language in all communications. Criticism,

commentary and new ideas about Thorn layout, editing, and articles is especially welcome.

Publicity from your organization informs the student body, and the Thorn welcomes your club's announcements. Drop a note in box 130 with a contact name, the event and the event date, and we will send a reporter to cover your story.

News releases or data sheets on any school event, club meeting, or personal interest story are always accepted. Information must be submitted one week in advance of issue. If you give us the facts, we will write you a story.

Anyone interested in joining the Thorn staff should attend an organizational meeting Thursday, September 4, 1983, at 4:30 p.m. in the Hulman Student Union PA Room, or contact box 130.

Daffynitions



by John Rohlfing

For lack of a better theme, this week's word selection can be strung together under the broad heading of education. Whether you are an incoming freshman or just returning for another dosage, these definitions still apply:

college years — the only vacation a boy gets between his mother and his wife.

dropout — quiz skid.

education — that mysterious process whereby information passes from the lecture notes of the professor through the pen and onto the notebook of the student, without passing through the minds of either.

expert — a man who avoids errors as he sweeps on to the grand fallacy.

genius — the will to turn on your thoughts instead of the television.

ignorance — when you don't know something and somebody finds out.

intellectual — a man who ogles a pretty girl's reading matter.

intelligence — a sterling quality possessed by anybody who will listen attentively to what you have to say and nod in agreement.

modern pupil — one who brings the teacher a couple of aspirin tablets instead of an apple.

theory — a hunch with a college education.

tomorrow — one of the great labor-saving devices of today.

Dr. Lewis New Head of Chemistry

Dr. Dennis A. Lewis, a member of the chemistry faculty at Rose-Hulman Institute of Technology since 1972, has been named chairman of the Department of Chemistry effective Sept. 1, according to an announcement by Dr. Samuel F. Hulbert, president.

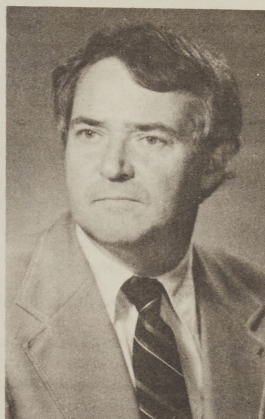
Lewis' promotion to chairman came as Rose-Hulman moved the Department of Chemistry to administrative autonomy. The Department of Chemistry formerly was part of the Division of Chemistry and Chemical Engineering.

The 40-year-old New Jersey native earned a B.S. in chemistry from St. Peter's College in Jersey City, N.J., in 1964 and a Ph.D. in organic

chemistry from the University of Connecticut in 1972.

Prior to joining the faculty at Rose-Hulman he served as a senior instructor in the Nuclear Weapons Employment Division of the United States Army Field Artillery School from 1969 through 1971 and held teaching assistant (1968-69) and laboratory supervisor (1971-72) assignments at the University of Connecticut.

Dr. Lewis remains active in the U.S. Army Reserve where he holds the rank of lieutenant colonel. While Prof. Lewis' principal interest is in organic chemistry, he is highly regarded as a freshman chemistry instructor.



Dr. Dennis A. Lewis

Drama Tryouts

This Wednesday and Thursday, September 14th and 15th, the Rose-Hulman Drama Club will hold tryouts for William Shakespeare's "The Taming of the Shrew." If you are in any way interested be in the Auditorium of Moench Hall by 7:00 p.m., Wednesday.

The National Scene

Clemson University Establishes Service Award in Honor of Rose-Hulman President

An outstanding service award has been established at Clemson University in South Carolina in honor of Dr. Samuel F. Hulbert, president of Rose-Hulman Institute of Technology.

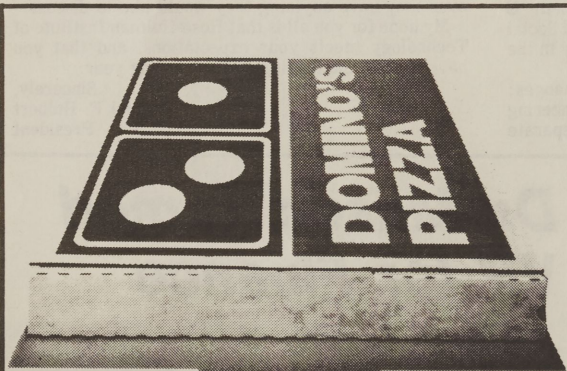
The Samuel F. Hulbert Award, underwritten by an endowment from the Texas-based Carbomedics Corporation, was established this spring in honor of Dr. Hulbert, founder and first department head of the bioengineering program at Clemson. The award recognizes voluntary assistance given the bioengineering program.

A native of Adams Center, N.Y., Hulbert earned the B.S. and Ph.D. in ceramic engineering at Alfred University in upstate New York in 1958 and 1964 respectively.

Joining the Clemson faculty in 1964 as assistant professor of ceramic and metallurgical

engineering, he served as head of the Division of Interdisciplinary Studies (1968-71) and associate dean for engineering research and interdisciplinary studies (1970-73) prior to moving to Tulane University as dean of the School of Engineering and a dual faculty appointment in the schools of engineering and medicine.

Dr. Hulbert assumed the presidency of Rose-Hulman in September, 1976. In addition to continuing to provide leadership to the biomedical engineering field, he has assumed a leadership role in the Association of Independent Engineering Colleges and numerous other organizations. Dr. Hulbert is a member of the Indiana Corporation for Science and Technology and chairman of that group's subcommittee on faculty entrepreneurship.



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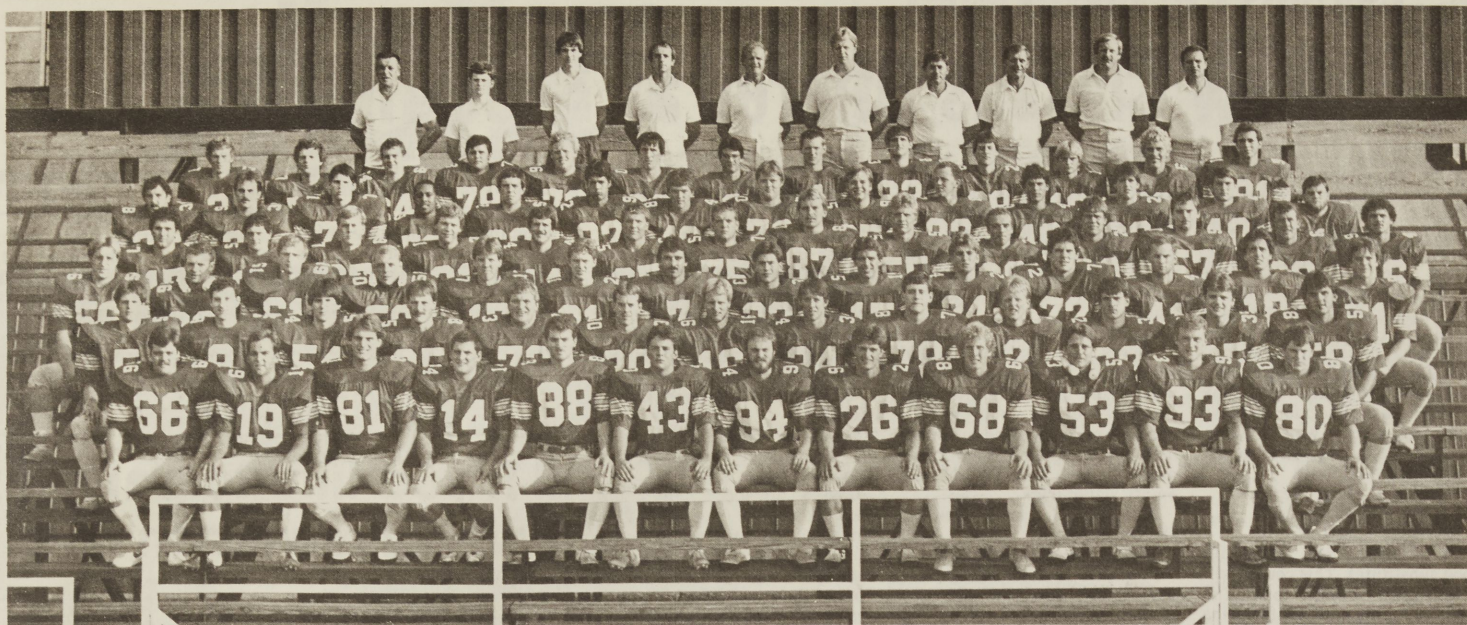
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1983 ROSE-HULMAN ENGINEERS — Front row (L. to R.): Gregg Lowe, Chris Dezelan, Mark Kaiser, Mike Trench, Shayne Roberts, Dean Hill, Tony Lozier, Rod Schrader, Bryan Nester, Dave Delvecchio, Jeff Ball and Ron Savoia. Row 2: Duncan Gilmore, Mike Cain, Roger Vandersnick, Gary Pohl, Joe Heister, Mitch Cain, Dave Beil, John Perkins, Chuck Busenburg, Mike Taylor, Joe Rauch, Mike Patterson and Rob Wilson. Row 3: Tony Moshak, Kyle Stanforth, Jeff Greer, Jack Grote, Larry Greene, Rob Gislason, Dennis Wallen, Phil Meiss, Chip Ray, Shannon Roberts, Bob Nordyke, Dirk Hall, Mark Harkin and Mark White. Row 4: Mike Ritz, Vern Vannostran, Steve Swanson, Jim Tausch, Paul DePompei, Tom Hawk, Steve Doyle, Herb Bailey, Trent Bennett, Mark Hirschy, Ken Hackman, Matt Leclerc, Paul

Romanetz and Scott Pfaff. Row 5: Greg Ottinger, Kevin Kerns, Ed Sahli, Howard Scott, Bruce Fenimore, Jeff Bannister, Steve Ward, Randy Hall, Rick Jaslowski, Jay Mills, Don Hirt, Jim Crumley, Gil Keller and Rick Zollar. Row 6: Everett Wiggins, John Kantner, Jack Tubbs, Tim Nale, Bob Grote, Wes McKenzie, Grant Sharp, Greg Ankey, Bill Sears, Tim Rauch, Brian McLeish, Frank Primich and Dave Baden. Row 7: trainer Til Panaranto, student manager Joe Weist, student manager Andy Wurtz, assistant trainer Larry Gurchiek, assistant coach Dick Comer, assistant coach Randy Dickens, assistant coach Dan McGrath, assistant coach Pete Varda, assistant coach Chuck Lindner and head coach Bob Thompson. Missing is Keith McConnell.

Engineer Football Team Eyes Run at 1983 CAC Crown

Rose-Hulman head coach Bob Thompson is hopeful his Engineers can challenge for the College Athletic Conference Championship in 1983, despite coming off a disappointing 4-6 season. With 17 starters and 40 lettermen returning, the second-year mentor has plenty of reason for optimism.

"I'm really looking forward to a good season," said Thompson, who spent 11 years as an assistant coach at Rose-Hulman before taking over the head duties last year. "I'm optimistic because so many of our young people had the opportunity to play last year. With that experience coming back, we feel it will take a good team to beat us if we play responsible, disciplined and fundamental football."

Thompson's initial season as head coach at Rose-Hulman was just the contrary. Inexperience played a big part in the team's record — the team fell to 2-6 before it could regroup and win its last two games.

"We got caught with a very, very young squad last year," said Thompson. "Like on defense, we had graduated nine of 11 starters and were playing freshmen on the line and in the secondary. They really should not have been playing varsity football yet. Hopefully, we can utilize that playing time and experience this year."

That experience will have to show early since the team plays 11 games this year for the first time in school history. The Engineers opened the season at new C.A.C. league member Fisk University last weekend and face Illinois College in their home opener this Saturday.

"I know the kids are looking forward to playing 11 games," said Thompson. "It's a chance for them to win more games than any team in our history."

If the Engineers are to have a successful campaign and win their second C.A.C. crown in three years and their fifth overall, staying healthy will play a major factor in their title chase. The team was hit hard by injuries last year.

"Last year we got hurt a lot because we were so young and weren't as strong," said Thompson. "But we feel we should be able to do more things physically this year since the kids worked so hard during their off-season."

It all could add up to a very successful season for Rose-Hulman. But Thompson will take things one week at a time.

"Our guys would like to go undefeated, I'm sure," he said. "But that's a very tough, tall order, and I'm not going to put that kind of pressure on them. I just want us to go out and play the best that we can."

Offensively, seven starters return this year, led by all-C.A.C. choices Rod Schrader at tailback and Tony Moshak at center.

The offensive line lost tackles Steve Bogaert and Rob Kilhefner to graduation, but it returns a lot of talent. Last year's starting guards, Gregg Lowe (Sr., Westlake, Ohio) and Bryan Nester (Sr., New Albany), have been

moved to the left and right tackle positions, respectively. Taking over at the guard spots will be Bob Nordyke (So., Wolcott) and Joe Heister (Jr., Cold Springs, Ky.). Moshak (Jr., Mishawaka) is back at center. Support will come from Jeff Greer (Jr., Sheridan) and Chuck Busenburg (Jr., Indianapolis).

The tight end position is solid with the return of honorable mention all-C.A.C. choice Mark Kaiser (Sr., Harper Woods, Mich.). Gary Pohl (Jr., Ft. Branch) will be his backup.

Last year's starters, Jeff Jackson and Mark Copeland, have graduated, but the wide receiving corps should still be strong. Split end Chris Dezelan (Sr., Terre Haute) and flanker Chip Ray (So., Logansport) will start and be backed by Dave Beil (Jr., Schererville).

Two-year starter Mike Trench (Sr., Terre Haute) is back at quarterback. He will be backed by Duncan Gilmore (Jr., Rockville) and Larry Greene (So., Carmel).

Schrader (Sr., Lena, Ill.) returns at tailback. He became just the third back in Rose-Hulman history to gain over 1,000 yards last year. He will be backed by John Perkins (Jr., Ridge Farm, Ill.). Mike Patterson (Jr., New Albany) returns to hold down the fullback position. He is backed by lettermen Mike Ritz (Jr., Newton, Ill.) and Mike Taylor (Jr., Brookville).

Ten starters return on defense, led by all-C.A.C. picks Ron Savoia at defensive end and Jack Grote at linebacker.

All five starters return to the defensive line, led by Savoia (Sr., Columbus, Ohio). Tony Lozier (Sr., Warsaw) returns at left defensive end. Tackles Ed Sahli (So., Westlake, Ohio) and Greg Ottinger (Jr., Sheridan) also are back, and Keith McConnell (Jr., Griffith) returns at nose guard. Top reserves include Shayne Roberts (Sr., New Castle), Kyle Stanforth (Jr., Cincinnati, Ohio) and

Roger Vandersnick (Jr., Elwood) at end and Dean Hill (Sr., Richmond) at nose guard.

The linebacking corps is strong, led by Grote (Jr., Westerville, Ohio) and Rob Wilson (Jr., Pontiac, Mich.). Help will come from Kevin Kerns (So., Terre Haute), Jeff Ball (Sr., Logansport) and Dave Delvecchio (Sr., South Bend).

Three of the four defensive backs return. Strong safety Steve Ankney has graduated and will be replaced by either Paul DePompei (Jr., Bedford, Ohio) or Joe Rauch (Jr., Guilford). Earl Wiggins (Jr., Campbell, Calif.) is back at free safety, along with his backup, Mike Cain (Jr., Indianapolis). Cornerbacks Phil Meiss (So., Gridley, Ill.) and Tim Tausch (So., Garfield Hts., Ohio) also return, but must ward off a challenge from Dennis Wallen (So., Clayton).

Kerns again will handle the punting chores, while Vern Vannostran (So., Solon, Ohio) is back to do the placekicking.

Cross Country Team Young, But Optimistic

With the loss of four of its top five runners from last season and only one senior dotting the 1983 roster, one might expect this year's edition of the Rose-Hulman Institute of Technology cross country team to be in a rebuilding phase. But head coach Bill Welch is quite optimistic and believes his Engineers can repeat as College Athletic Conference champions.

"We have some solid upperclassmen returning and have added an excellent group of freshmen," said the second-year mentor. "So I feel we should improve as the season progresses and I think we'll have a strong team by the time our conference meet comes around."

Welch's initial season as the Engineers' coach was more than a success. Besides capturing the College Athletic Conference championship for the first time since 1979, the team placed sixth in the NCAA Division III Great Lakes Regional, won invitations at Butler and DePauw universities and captured the Hokum Karem at Wabash College. Additionally, the team placed third in the Little State Championship and second in the Gold Division of the Purdue Invitational.

Some fine talent will have to be replaced, however. Missing from that team are four of the top five runners. They include two graduate seniors and a pair of underclassmen who have decided not to return to school.

The biggest loss is two-time all-America selection Mike O'Brien, the team's No. 1 man in 1982. A four-year letterman, O'Brien captured the College Athletic Conference individual championship last year and was named all-league for the third consecutive year. He has been the team's most valuable runner the past three years and holds the Engineers' school record for five miles.

The other graduation loss is John Smith, the team's No. 2 man last year. Smith, also a four-year letterman, was the team's captain in 1982 and captured all-C.A.C. honors for the second straight year. He placed fifth in the C.A.C. Championships.

Others who have departed include Mike Stewart and Bart Polizotto, both freshmen last year. Stewart, last season's No. 3 man, placed third in the C.A.C. Championships and had the Engineers' top finish in the Great Lakes Regional where he came in 16th. Polizotto, the

team's No. 4 man, placed seventh in the C.A.C.'s.

Despite these losses, Welch appears to have a solid nucleus returning. The coach will be counting on last year's No. 3 man, Greg Gibson, to carry a good part of the load. Gibson (Sr., Terre Haute) placed seventh in the C.A.C. Championships last year and is a two-time all-C.A.C. selection. The only senior on the squad, Gibson has been selected the captain of this year's squad.

Other upperclassmen who will have to carry the load all ran in the top 10 at one time or another last year. They include Richard Leonard (Jr., Carlisle Brooks, Pa.); Kyle Hayes (Jr., Terre Haute); Bill Bandy (Jr., Cuyahoga Falls, Ohio); Kyle Farmer (Jr., Pewee Valley, Ky.); Bryan Millard (Jr., Schaumburg, Ill.) and Tracy Houpt (So., Spencer).

Other upperclassmen who could see action include junior Gene LeBoeuf (Hobart) and sophomores Lee Beckham (Shaw, Miss.), Todd Lozier (Warsaw), Mark Nordmeyer (Indianapolis) and Kenny Ward (Indianapolis).

Freshmen who are likely to help out early include Chris Goss

(Bloomington), who participated in the Indiana state meet in each of his four years of high school, and Dean Kunz (Jasper), who placed 17th in the state meet last year after capturing individual conference, sectional, and regional titles.

Other freshmen who will help include Carl Czarnik (Elk Grove Village, Ill.); Dennis Dobbs (Lansing, Mich.); Chris Eckert (Terre Haute); Roger Hruskovich (Gary); Kurt Kelso (Indianapolis) and Scott Orr (Indianapolis).

"Last year we did well because we had such great team balance," said Welch. "I believe we have that same quality this year, and we appear to also have great desire and great attitudes."

The team opens the season Sept. 7 at the Butler Invitational where it will be the defending champions. Following the Hoken Karem at Wabash College on Sept. 10, the team will host its only home meet of the year on Sept. 13 against Wabash. The College Athletic Conference Championships will be held at the University of the South on Nov. 5.

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Page 5

New Classes Offered at Rose-Hulman

by Joel Molecule

With the addition of Mt. St. Olin hall this year, each of the school's divisions less than proudly announce their new class offerings for this year. These are designed to take advantage (of everyone and) of the extra classrooms that are available. All courses are offered pass/fail/drop/repeat/fail again. Sign up is by a specially implemented Vax random class generator so there will be no need to wait in line to guarantee that you'll get all the classes you don't want.

Here are the new offerings:

CM 305 — Mold synthesis

Dr. Slime — M/1-12/

Prerequisite for ARAT 105 food substitutes. This course will investigate molds and the various methods of synthesizing them from some common substances — gym socks, road pizza, and scum that's left in the bottom of test tubes. Generally a lab intensive course with individual sampling and even tasting encouraged.

CE 410 — Shoestring Analysis

Dr. Knot — T/9/ W/5-9/

Covers basics of shoestrings, their response to pulling, twisting, and occasionally, cutting. Heavy emphasis on the "string-push" non-effect as well as a required individual project. Other topics include Fourier and Laplace transforms of shoestrings, oscillations of shoestrings on clotheslines, and the "shoestring fling" phenomenon.

EE 102 — Fundamentals of High Voltage or "how to shock the hell out of your roommate"

Dr. Zap — MTWF/1/

This course covers the basic theory behind high voltage drops

especially when placed across toasters, HP's, and bed frames. Electric chair project required. This course will brighten your life. Warning! This course may require in excess of 6 hours of out of class work for each credit.

HS501 — Alumni Survival Tactics

Dr. Megabucks

Covers the basics of alumni survival. How to remove your name from the Alumni Association mailing list, how to fake death, how to become invisible, how to leave no forwarding address, and best of all the empty wallet trick.

MS 499 — Total Nuclear Devastation

Major Explosion — S/300 hrs/

Beginning with a short introduction on the Physics behind and social effects of nuclear weapons, this course quickly moves onto the meat of the subject: melted eyeballs, death, and mushroom clouds. Final meeting features pushing "the button" and a worldwide farewell party. Lead suits optional.

PH 210 — Coke Bottle Optics

Dr. Pop — MTWR/4/

Examines a new perspective of the world as viewed through a standard coke bottle, why things appear in groups of six and the amazing rainbow of colors. Other features are — general relativity (the Uncola) and transcontinental Coke Bottle optical communications networks.

ME 311 — Advanced Balsa-Wood

Dr. Weak — MTRF/6/

Pre-requisite: ME211 Ping-Pong Ball Transport.

Covers advanced topics for Balsa-Wood not covered in 211. Emphasis on simple structures such as Balsa Semis, bridges, dams, and high rise structures. Part of the ongoing ME effort to corner the Balsa Wood Supply.

CM 101 — Raunch

Dr. Grunge — MWF/7/F/8-10/

Formerly ARAT 499. How to make repulsive smelling compounds from simple chemicals. In depth coverage of the Wabash River, common fish odors, and other great things in

and around the valley.

HS 151 — You, GNP, and Beer

Dr. Ball Jar

Main focus on the state of the economy in terms of six packs and cases. Major emphasis on Keynes, supply and demand, Keynes, international trade, Keynes, cars, Keynes. Prerequisite for all HSS courses. Enrollment limited to ten

students (named Keynes).

HS 172 — Psychology of Fun Stuff

Dr. Layzee — F/13-14

Surveys frisbee, fast cars, partying, loud rock music, and, of course, women. Class participation required. Stresses objective analysis of behavior of students having a totally excellent time while others are taking real classes.

If you like to party with wild women then

transfer to Ball State, but if you like to write then

join the Rose Thorn
Contact us at the Thorn office
in the student lounge or
Box 130

Freshman Story

Continued from pg. 1

In fact, 37 attended Boys' State, 48 were class or student council officers, 25 participated in student government, and 24 were members of publications staff — 12 having served as editor.

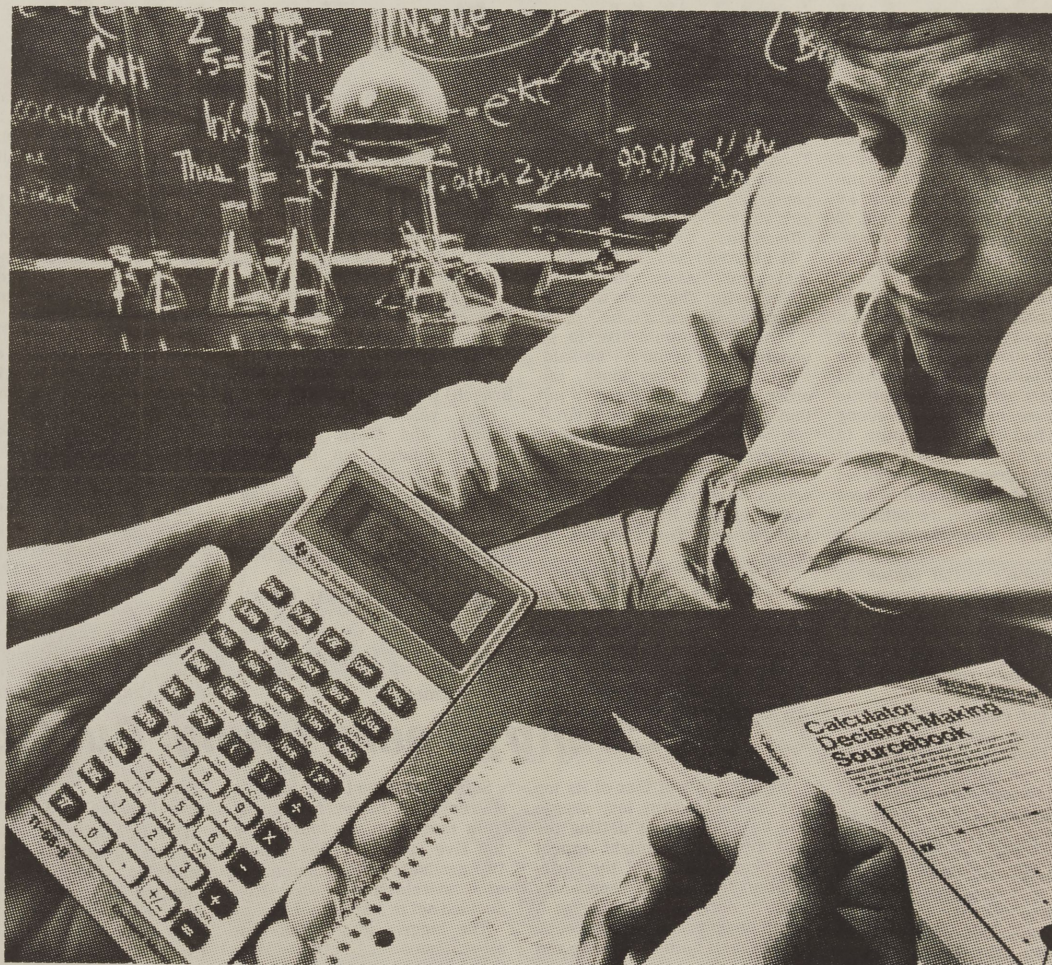
Sixty-two members of the class play a musical instrument well enough to call it a high school activity. Forty-one participated in drama groups and five were members of debate teams. Two hundred ten incoming Rose-Hulman freshmen participated in one or more varsity sports in high school.

As is the case in engineering schools in general, the students matriculating to Rose-Hulman comprise a group of upward bound young men. One hundred one, or 28 percent, have one parent who graduated from college (76 have two parents who are college graduates). One hundred eighty-five students (slightly over 50 percent) are first generation college students.

Rose-Hulman received a record 2,680 applications for the Class of 1987. Previous record number of applications was 2,308.

Given the demographics of the class and keen competition for students of demonstrated aptitude for success in a rigorous college program, Howard credited Rose-Hulman's ability to offer attractive financial aid packages as one of the reasons for enrolling such a strong class in the face of declining enrollments and a slippage of scores and class rank nationwide.

"I feel relatively good about the financial aid this year," Howard commented. "We were able to put together some very attractive financial aid packages which include scholarships, loans, grants and campus employment."



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