

Spring 3-14-1969

## Volume 4, Issue 18 - March 14, 1969

Institute Inklings Staff  
*Rose-Hulman Institute of Technology*

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### Recommended Citation

Institute Inklings Staff, "Volume 4, Issue 18 - March 14, 1969" (1969). *Institute Inklings*. 50.  
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# INSTITUTE INKILLINGS

VOLUME 4-NUMBER 18

ROSE POLYTECHNIC INSTITUTE

TERRE HAUTE, INDIANA

MARCH 14, 1969

## SUMMER IN EUROPE

Job opportunities in Europe this summer. . . Work this summer in the forests of Germany, on construction in Austria, on farms in Germany, Sweden and Denmark, on road construction in Norway, in industries in France and Germany, in hotels in Switzerland.

Well there are these jobs available as well as jobs in Ireland, England, France, Italy, and Holland are open by the consent of the governments of these countries to American university students coming to Europe the next summer.

For ten years students made their way across the Atlantic through A.E.S.-Service to take part in the actual life of the people of these countries. The success of this project has caused a great deal of enthusiastic interest and support both in America and Europe.

Every year, the program has been expanded to include many more students and jobs. Already, many students have made application for next summer jobs. American-European Student Service (on a non-profitable basis) is offering these jobs to students for Germany, Scandinavia, England, Austria, Switzerland, France, Italy and Spain. The jobs consist of forestry work, child care work (females only), farm work, hotel work (limited number available), construction work, and some other more specialized training.

The purpose of this program is to afford the student an opportunity to get into real living contact with the people and customs of Europe. In this way, a concrete effort can be made to learn something of the culture of Europe. In return for his or her work, the student will receive his or her room and board, plus a wage. However, student should keep in mind that they will be working on the European economy and wages will naturally be scaled accordingly. The working conditions (hours, safety, regula-

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## AEROSPACE ENGINEERING, COMPUTER SCIENCE ADDED TO ROSE CURRICULUM

Rose Polytechnic Institute has established degree-granting programs in aerospace engineering and computer science, it was announced Wednesday by the Board of Managers and Dr. John A. Logan, president of the institute.

Establishment of the two new majors followed extensive studies by the administration and faculty which pointed out popular demand for the programs by both students and industry.

"These two new programs will keep Rose in the forefront of the nation's engineering colleges," said Dr. Logan, "Interest is very high for both programs.

"A recent poll of the current freshman class indicated 76 were interested in electing aerospace, while 27 said they would enter computer science," Dr. Logan continued. Total enrollment is 980.

Action by the board of managers of the college specifically changed the name of the mechanical engineering department to the Department of Mechanical Engineering and Aerospace Engineering, and created B.S. degrees in the two new areas of study.

The board also authorized the construction of a new laboratory to house subsonic and supersonic wind tunnels and other related equipment to support the laboratory portion of the aerospace program.

Dr. James B. Matthews, who earned his Ph.D. in aerospace engineering, will be chairman of the department which will offer bachelor's degrees in mechanical engineering and aerospace engineering. Dr. Matthews, a member of the faculty since 1956, was named mechanical engineering chairman in 1966.

Programs for aerospace engineering and mechanical engineering are common for the freshman and sophomore year. Specialized courses in aerodynamics, space mechanics, propulsion systems and design of aerospace systems will be taken

up in the junior and senior years of the new program.

The new computer science program, designed to produce an individual who will understand the design of a computer as well as its operations, will be a cooperative effort by the electrical engineering and mathematics departments at Rose.

Administered by a committee headed by Dr. Charles C. Rogers, chairman of electrical engineering, and Dr. Herbert R. Bailey, chairman of mathematics, the program features what the college believes to be the good features of the nation's best computer education programs.

Most colleges and universities offer computer science as either a part of electrical engineering or mathematics. The electrical engineering-oriented programs tend to stress hardware (design of computers, circuit, theory, etc.) while programs linked to mathematics usually concern themselves in software, or the developing of programs, languages and operating procedures for computers.

Rose plans to bridge both areas and produce men who will understand computer design as well as the mathemati-

*(Continued on Page Three)*

## UNITED FUND HOP

Asking "How can we improve our community?" has led leaders of Rose Poly and St. Mary's to aid some six community service agencies. The first phase of this effort came about some six weeks ago during a "work and help" session. The second phase will come about this Friday, March 14.

A dance will be held at the Terre Haute House in the Maywer Room from 9 to 12, featuring the "Evolution." Casual dress may be worn.

Programed with help from Brown Productions, all proceeds will go to the United Fund. Please help the United Fund in its effort to help the people help themselves!

## SPRING SPORTS

The weather this past week didn't seem much like spring, but nevertheless Rose's track, golf, and tennis teams have begun preparations for another season. All have hopes for a good year.

The track squad opens its season April 12 by running in the Wabash Relays. There are 35 men out for the team this year, with several returning lettermen. However, there is little depth, except in the sprint events. Jimmy Stewart, Wayne Patrick, and Bob Harrison return from last year's sprinters. Stewart holds the school record in the 100 yard dash. In a practice meet against DePauw in Rose's football house last Tuesday, Stewart and Patrick each ran the 50-yard dash in 5.8 seconds. Another school record holder is Greg Shutske. Against DePauw he ran the 880 in 2:01.3, five seconds off his record of 1:56.

Distance runners returning include Larry Lynn and Bob Childs. Lynn ran the mile in 4:55 against DePauw.

Other men counted on this year include Walt Daugherty in the pole vault, Denny Smith in the shot put, Steve Ricks in the long jump, and Don Ings in the triple jump and long jump. Ricks leaped 20'1½" against DePauw. Ings, out for the first time, won the triple jump with 41'7", and long jumped 19'11". Coach Bergman expects these times and distances to improve before the first meet.

The golf squad has high hopes this year. Three of last year's top four men, Tom Thuerbach, Dale Good, and Sid Stone are back from the team that finished with a 9-1-1 record. Good was the runner-up in the state NAIA tourney last year. Tom Szabo, who played as a sophomore but not last year, is also out. Others include Tom Merrill, John Jacobi, Fred Krampe, Stan Miller, Tom Dinkel, and Rich Brunemer. Weather has prevented the team from practicing so far, but Coach Carr hopes to start qualifications the first

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**EDITORIAL —**

As this quarter comes to an end, so ends the present administration and staff of the INKLINGS. Our efforts during the past year have been to provide the students and faculty of Rose with an informative weekly paper. Beginning with the Fall Quarter of this school year the format of the INKLINGS switched to a four column page with smaller print than was previously used. Our intent in this move was to increase the amount of print with a proportionally smaller increase in printing cost. We attempted to have the INKLINGS in your hands by noon each Friday, and we apologize for the delays which have been experienced this past quarter.

I hope that your interests in the INKLINGS will continue as the new editor and staff take over. Without student support and interest, the INKLINGS has no reason to continue in existence. I feel sure that the new editor will welcome any suggestions which you may have to offer.

Finally on a personal note, I wish to thank all the staff editors and managers who have helped me during the past year. I also wish to extend thanks to the INKLINGS Faculty Advisors and the printer, Bud and the Orr Letter Shop. I would like to say a special thank you to George Shaver for all his aid through the year.

It has truly been a pleasure to serve the INKLINGS.  
 —WKB

**LETTER TO THE EDITOR**

As plans become formalized for new educational and athletic facilities at Rose Polytechnic Institute as related by President Logan in Senior Orientation, I feel it is time for the power structure to make a realistic appraisal of the *varsity sports program*. In my four years here I have seen the talents of numerous high school wrestlers go untapped because Rose has not seen fit to institute a varsity wrestling program. I have seen volleyball players in the intramural league with ability comparable to participants in varsity vol-

leyball at other schools. I see students take it upon themselves to participate in soccer games, an interest which could easily be channeled into a varsity program and as I understand it will be next year. I see students forced to use the lake? facilities? for swimming because no swimming pool exists. I have seen the present varsity program at Rose stifled because of an unwillingness on the part of the power structure to provide sufficient funds.

Despite the undeniable fact that varsity sports at Rose have not been given due consideration, attendance at Rose

football games and Rose basketball games has been phenomenal when compared to attendance at convocations and similar presentations for which the power structure readily shells out cash. While there appears to exist apathy on the part of the students toward these "cultural programs" there also appears to be apathy on the part of the power structure as far as varsity athletics is concerned, whereas students have expressed interest from time to time in expanding the varsity athletic program. The primary function of a college or university is the academic education of the student, however a secondary function is to provide an environment to which the student populace can relate. It should be evident from convo attendance that the majority of the programs do not relate to the student whereas an expanded varsity athletic program would. As I prepare to leave this institute after participating in the varsity athletic program, I call upon the power structure to take prompt action on the inclusion of an expanded varsity athletic program in the plans for improving Rose in the near future, and I call on all interested spectators and athletes to use the means at their disposal to bring about this expansion.

JAMES STEWART

**FRATERNITY NEWS**

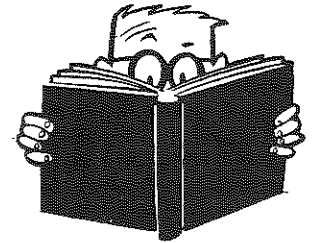
**ATO**

Once again the men of Gamma Gamma took part in a most enjoyable and successful state day. As this year's hosts, many long hours were spent in preparation for this event. The day started out with various executive meetings and moved to the annual basketball tournament. Competition ran high since three of the five teams were IM champs at their respective schools. Out of the "big three" (Purdue, Indiana State, and

Rose), State became the eventual winner with the Purdue pledge class taking the pledge game honors.

At 4:00 p.m. our house was formally dedicated in a ceremony conducted by the Reverend M. Duane Sinn. Dr. Lo-

(Continued on Page Three)



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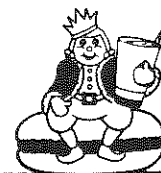
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**FRATERNITY NEWS**

*(Continued from Page Two)*

gan gave the opening remarks and words of welcome to our visiting brothers. The national offices of ATO were represented by our national president, Stewart D. Daniels.

The evening's activities began in the Union with a banquet followed by the song contest. The usual battle between Rose and De Pauw ended this year with the silver pitcher going to the other side. This is one victory we hope they'll cherish. Not all of the silver pitchers got away though. Congratulations to brothers John Spear and Ken Cowles for their fine job in public relations and scholarship programs respec-

tively. The Golden Circle award for fifty years of dedicated service to the fraternity was presented by Stewart Daniels to the Palm editor, Harry Bird. The speaker for the evening was G. Brandon, chairman of the high council. Speaking on the Glazebrook Creed and the five most important points of a fraternity, brother Brandon emphasized the relevance of our founding principles yet today. The evening was topped off by the presentation of the J. J. Maehling award for the state's most outstanding chapter or none other than Rose Tech. The evening ended with a dance in the Union with music provided by the Kicks.

Congratulations are in order to brother Grauel and the past administration for a job well done. The Maehling award is ample proof of their success.

**LAMBDA CHI ALPHA**

Now that winter intramurals have come to an end, we'd like to congratulate Brother Tucker and our major league basketball team on a fine season. Our B-ballers ended the regular season in a tie for first and finished third in the play-offs. While thanking Brother Tucker for his fine job as basketball coach, we want to wish luck to Brother LaCosse as he leads the major baseball team into their season. Batter up!

Founder's Day was really enjoyable, thanks to Brother Schindel, as the men of Theta Kappa gave special thanks to our house corporation, Ben Cox, president of the board of managers at Rose, and most of all, our faculty advisor, Brother Al Schmidt. These men were all cited for having helped either our chapter or Rose's fraternity system in general.

Less than two weeks away now, is State Day being held for the first time in a long while, out of Indianapolis. The brothers, pledges and Crescents will be hosting the visitors from 11 other Lambda Chi

chapters in Indiana. All the Zetas will be participating in basketball and volleyball tournaments, dances Friday and Saturday nights, and the selection of Crescent Girl and Active of the Year from Indiana. Our representative for Crescent Girl is Denise Pettee and our Active of the Year is Brother Hills. Brother Green is working hard to make the first State Day at Theta Kappa a success.

Dr. Paul D. Smith, one of our alumni brothers on the faculty, recently vacated his temporary living quarters to move into his new home in Riley, Indiana. We hope he and his wife and five boys are enjoying their new home.

The Lambda Chi pledge class was extremely busy making money last weekend, working Saturday morning and afternoon at Bill Brown's farm and Saturday night serving a banquet for 500. Sunday, they assisted the brothers in the Founder's Day meal and provided some after-dinner songs for our alumni and guests.

**SIGMA NU**

As another quarter draws to a close the men of Sigma Nu are trying to hit the books so that they can pull those good grades they've been saying, all quarter, they were going to pull. However, many of the Brothers seem to be having a little trouble concentrating on the books. Many of the seniors are thinking of all the fun they are going to have after finals are over out at Aspin, Colo. Meanwhile many of the other brothers are planning on what they are going to do while in Florida or in the Bahamas.

Last Tuesday the Minor I team challenged the Minor II team to a little game to see which minor team was the best. The Minor I team happened to arrange the time of the game so that only half of the Minor II team were able to make it to the game. Minor II was without the services of their star center, Buzz, one of their top scorers, John Greve, along with two top forwards, B. G. and C. C., and their star guard, Roger Evans. Even with this handicap Minor II was able to hang in tough and only lost by

four points in an overtime. They would have won if the Minor I team hadn't cheated them and gave them the 11 points each quarter, that they deserved, instead of just 10 per quarter.

**AEROSPACE ENGINEERING, COMPUTER SCIENCE ADDED TO ROSE CURRICULUM**

*(Continued from Page One)*

cal logic, programs and languages common to the actual use of the machine.

The demand for such a man is ever increasing. One electronics company currently recruiting at Rose is seeking to hire 80 such men this year—a figure which represents the total number of June graduates in the nation qualified for the position.

The new programs raise to 11 the number of bachelor's degrees in engineering and science offered by Rose Polytechnic. The college, which added a biological engineering degree to the curriculum in 1967, offers B.S. degrees in aerospace, biological, chemical, civil, electrical and mechanical engineering, and chemistry, computer science, mathematics and physics. Rose also offers an "undesignated" bachelor of science degree for career preparation in medicine, law or business.

**MOBILE AND VILLANOVA FESTIVALS KICK OFF COLLEGIATE COMPETITION**

The hours of practicing and auditioning are over and college music's finest musical groups are ready to get down to the business of competing for the 1969 national championships.

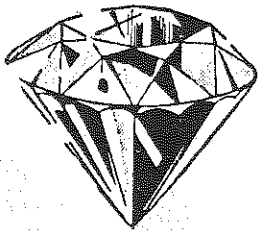
The national champions won't be selected until May 22-24 at the Budweiser and TWA-sponsored Intercollegiate Music Festival in St. Louis but regional competitions are narrowing the field from an initial entry list of 10,000 students and 1,000 schools.

The first regional, in Mobile on February 28 and March 1, featured 11 big bands and seven combos from an impressive list of colleges. The 1968 national champion University of Illinois Jazz Band was matched against Millikin University and Loyola University of New Orleans, a pair of 1968 finalists.

The Villanova Intercollegiate Music Festival on March 7-8 will highlight some of the East's top popular, folk and jazz groups.

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# IM Sports

The winter intramural program came to a close this past week, with Alpha Tau Omega winning the major league basketball playoff and ABCD 2 winning in the minor league. Sigma Nu was the champion of the interfraternity league. Final standings in the major league were:

Alpha Tau Omega	9-2
BSB	8-3
Sigma Nu	7-3
Lambda Chi Alpha	7-3
Triangle	5-4
ABCD	3-6
Faculty	3-6
Speed	3-6
Off Campus	2-7
Theta Xi	1-8

The minor league standings are too long to list here, since there were 22 teams participating in three divisions. The winners of the three divisions, ABCD 2, Speed, and Off Campus 3, all of which had perfect records, were involved in a playoff to determine the minor league champion. In the first game, ABCD 2 defeated Off Campus 3 to win the right to play Speed 1 for the championship. ABCD 2 defeated Speed 1 by the score of 58-42 to take minor league honors.

Final standings in interfraternity competition were:

Sigma Nu	7-1
Lambda Chi Alpha	6-2
Alpha Tau Omega	4-4
Triangle	2-6
Theta Xi	1-7

The point totals for each of the units participating in the intramural program have been tabulated and, going into the spring sports, Alpha Tau Omega leads the major league competition and ABCD is leading in the minor league. The totals are as follows:

	Major	Minor
ABCD	120	280
Alpha Tau Omega	300	184
BSB	196	88
Fiji Delta Colony	28	133½
Lambda Chi Apl	200	248
Off Campus	64	116
Sigma Nu	276	44
Speed	200	188
Theta Xi	168	104
Triangle	220	56

Coach Carr still needs more volunteers for intramural softball umpires. Sign the list on the IM bulletin board or see Coach Carr.

Last year 82 per cent of all commuters in the United States traveled to and from their jobs by private automobile.

## SPRING SPORTS

(Continued from Page One)

week after spring break, with the first match scheduled for April 8 with Indiana Central.

The tennis squad is also looking forward to a good season. Only Denny Porter was lost due to graduation. Returning lettermen are Bruce Cahill, Davis Chin, Al Hruby, Bill Jahn, Ted Smith, and Bill Spence. Others out for the team this year are Mike Irish, Jim Jeffries, Don Jones, Tom Mandeville, Ed Spangler, and Ron Westby. Team members have been working out informally in the fieldhouse, but formal practice doesn't start until after spring break. The first match is April 12 at Blackburn.

The track, golf, and tennis schedules are as follows:

TRACK	
April 12	Wabash Relays 4:00
April 16	at Hanover 4:00
April 19	Earlham Relays 12:00
April 22	at Evansville 4:00
April 26	Franklin 12:00
April 30	St. Joe 4:00
May 3	Little State
	at Taylor 11:30
May 16	Conf. Meet
	at Prin. 2:00

GOLF	
April 8	at Indiana Central 1:00
April 10	DePauw 1:00
April 12	Wabash 10:00
April 17	at Marion 1:00
April 25	at Millikan U. 11:00
April 29	Marion 1:00
May 1	at Franklin 1:00
May 5	at Illinois College 1:00
May 19	NAIA Meet
	at Marion 8:30

TENNIS	
April 12	at Blackburn 3:00
April 16	Wabash 3:00
April 18	Greenville 2:30
April 25	at Marion 3:00
April 30	Wabash 3:00
May 1	at Greenville 2:30
May 6	at Principia 4:00
May 7	Conf Meet at Prin. 10:00
May 9	Illinois College 4:00
May 12	Marion 3:00

## SUMMER IN EUROPE

(Continued from Page One)

tions, legal protection, work permits) will be strictly controlled by the labor ministries of the countries involved.

In most cases, the employers have requested especially for American students. Hence, they are particularly interested in the student and want to make the work as interesting as possible.

They are all informed of the intent of the program, and will help the student all they can in deriving the most from his trip to Europe.

# CLASSIFIED

Rose students, do you have something to sell or is there anything you wish to buy used? Why not advertise in the INKLINGS? Beginning with the next issue of INKLINGS you may place your ads at a cost of only 50c per ad per issue. Just send them to us through the campus mail before noon on the Wednesday of the week in which you wish to advertise.

Please write for further information and application forms to: American-European Student-Service, Box 34733, FL 9490 Vaduz, Liechtenstein (Europe).

Peace Corps Director Vaughn said the ratio of male to female applicants is still running approximately 60-40 in favor of men, about the same as it has since the Peace Corps' founding in 1961, and approximately the same ratio as college enrollments.

The most lovable quality that any human being can possess is tolerance. It is the vision that enables one to see things from another's viewpoint. It is the generosity that concedes to others the right to their own opinions and their own peculiarities. It is the bigness that enables us to let people be happy in their own way instead of our way.—Rotary Bulletin.

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