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## Volume 5, Issue 23 - May 22, 1970

Institute Inklings Staff  
*Rose-Hulman Institute of Technology*

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# INSTITUTE INKILLINGS

VOLUME 5, NUMBER 23

ROSE POLYTECHNIC INSTITUTE

TERRE HAUTE, INDIANA

MAY 22, 1970

## ROSE STUDENTS AGREE WITH CAMBODIA MOVE

By a vote of more than two to one, Rose students supported President Nixon's decision to move troops into Cambodia. The poll, which was taken last Friday in conjunction with a national referendum, asked: "Do you agree with the decision to dispatch United States ground troops to Cambodia?"

There were 369 votes cast at Rose, with 247 voting yes, 116 voting no, and six having no opinion. Following is the breakdown of the vote by classes.

Freshmen—42, no; 69, yes; 4 no opinion; total, 115.

Sophomores—23, no; 67, yes; 1, no opinion; total 91.

*(Continued on Page Two)*

## DR. RHEE PLANS SPEECH IN U.S.S.R.

Dr. John W. Rhee, professor of physics at Rose, has been invited by the Committee on Space Research (COSPAR) of the International Council of Scientific Unions to participate in the open meetings of the COSPAR Plenary Sessions in Leningrad, U.S.S.R., May 21-29.

Selected by the Space Science Board of the U.S. National Academy of Sciences, Dr. Rhee will present an invited paper on the electromagnetic properties of lunar surface materials and their interactions with meteoroids as a part of his participation as a U.S. delegate at the international meeting.

The meeting is a cooperative effort on the part of the ICSU and the Commission on Exploration and Use of Outer Space of the U.S.S.R. Academy of Sciences in an effort to further on an international scale the progress of all kinds of scientific investigations related to research in space.

Topics to be covered at the

*(Continued on Page Four)*

## LAMBDA CHI'S 19 WIN GREEK WEEK-END

Greek Week-End 1970 proved to be a fabulous affair, highlighted by many exciting events and contests. Dancing to the beat of the Wire Band Friday night, all the fraternities enjoyed themselves immensely.

Taking a day off for qualifications, the festivities resumed on Sunday with the bright, blue skies of Terre Haute shining over the Rose campus. Everyone was in a jovial spirit. (It was rumored that Dean Criss actually allowed the students to partake of several, recently banned programs!) At 12:30 the cart race commenced with Alpha Tau Omega puffing an' huffing to a first place finish. Lambda Chi achieved a bruising second place with Sigma Nu skidding to the third position. Transferring the festivities to the waterfront for the canoe race, the spectators were soon treated to several unexpected thrills including the capsizing of Sigma Nu's first team and Theta Zeta's third team. Switching previous positions,

Lambda Chi nudged Alpha Tau Omega for first place and the FIJI team gained a slippery hold of third place.

Regrouping at the football field for the remaining activities saw Sigma Nu, with "Skinny" Smith at the end, pulling to a first place finish in the Tug-of-War contest. Lambda Chi clung to second place while Alpha Tau Omega secured the third position completely by-passing Theta Xi?! Adjusting the rules as the event progressed, the rules committee worked diligently to assure each fraternity would receive a fair deal.

To add a little excitement to the afternoon, an egg-toss was scheduled between the guys and their dates. The way the eggs were bouncing, there must be pretty weird chickens running around Terre Haute. To cap the fieldhouse stanza of Greek Week-End, the 10-mile bike race proved to be a very tiring and

*(Continued on Page Six)*

## INTERVIEW WITH PROFESSOR SCHMIDT

Professor Al Schmidt has been a member of the Rose faculty for some 20 years. He is also head of the Rose Faculty Committee besides many activities and interests in and out of Rose.

We asked him, "Does the education at Rose compare favorably with Purdue, Case, Rensselaer . . .?"

"I'm in no position to have factual proof, but from what I know and hear our curricula compares very favorably. We do as good a job as Case and better than the public schools. The problem here is how to implement the education."

To better understand this point Prof. Schmidt broke education down into major aspects. First of all there is the academic aspect, Rose has no problem here. It is in the personal associations between students

and faculty where Rose lacks. These relationships should form the basis for many student activities, but they do not. From these relationships a more complete academic and cultural school life could be developed.

"Do you think the student has the right attitude concerning school and public interest? For instance, is he too radical or too inquisitive?"

"Start with the premise that no one can accomplish anything until he has the knowledge and skill to do that thing. It seems, then, that demonstrators are advocating a cause that will not of itself bring about a solution."

"Our students here at Rose are following an honest approach in that they are trying to get a good background to solve some of the world's problems, they don't have time to

*(Continued on Page Three)*

## Greek Forum

Thursday, May 14, marked the first inter-fraternity discussion session at Rose Polytechnic Institute. Announcing the arrival of Greek Week-End, the discussion period included such figures as Dr. Logan, Dean Ross and Ron Reeves, president of the Alumni Inter-fraternity Council. Following an unusually fine dinner by Saga Food, the group, consisting of five members from each fraternity reviewed such topics as rush, pledgship and fraternity relationships. The meeting fulfilled its purpose to the extent that those present were able to logically discuss mutual interests without resorting to the usual name-calling or back-stabbing which has prevailed until now.

In an attempt to provoke one's thinking, Mr. Reeves conducted a question and answer period concerning the decreasing number of men pledged and to what extent the fraternities upheld the ideals that they preach. It seemed to be a general consensus of those present that B.S. has been heavy in the past few years in attempting to sway men from one fraternity to another.

It is very desirable that an activity such as this discussion will become a monthly affair and under the guidance of Roger Ward, the Inter-fraternity Council will develop into a strong, cohesive unit for the good of ALL the students at Rose.

—GREG DAWE

## POSITIVE TEACHING

The results of an experiment in a California school dramatically support the theory that IQ is not fixed and can be increased, according to a report in the current issue of Family Circle Magazine. The principle involved is called self-fulfilling prophecy—the idea that expecting a result can cause the result.

Teachers at Spruce School in

*(Continued on Page Three)*



## CULTIVATE YOUR GARDEN

This should help you to grow better quality plants in less time.

Select the largest seeds and place them between two napkins, blotting paper, etc., and add enough water to cover the napkins. Then cover the top or put them in a dark closet for two or three days, until the seeds have sprouted at least a half inch or longer.

In the time it takes to sprout the seeds, you can prepare your garden. To do this, you can use one of two methods.

### NUMBER ONE:

Use a flat wooden box like an apple box, tomato flat, etc., and add about one inch of gravel to the bottom. Fill the rest of the box with a good grade of soil or add a commercial

*(Continued on Page Four)*

## POSITIVE TEACHING

*(Continued from Page One)*

San Francisco were told that Harvard had devised a special test that could forecast whether or not a child was about to bloom academically. Actually, there was no such test, and the students were just given a stan-

dard IQ test for the purposes of the experiment. The 'bloomers' were chosen entirely at random.

All the pupils were retested at the end of the year, and those tagged as spurters had indeed done better as a whole than the rest of their classmates, most particularly in the first and second grades; this suggests that it is the youngest students who are most affected by a change in the teachers' expectations of them.

The teachers involved in this study claim they didn't give special attention and encouragement to the pupils singled out as 'bloomers,' but the evidence strongly indicates that, however subtle and unconscious, the teachers did indeed convey what they expected from the selected students. At the basis of the teacher-expectation theory is the concept of the movable IQ. Obviously, no anticipation by the teacher could have any major impact on pupils if intelligence was fixed.

As the Family Circle article points out, the premise involved is not new. It is part of folk wisdom that optimism will improve success in almost anything one does, and that, conversely, pessimism will depress opportunities. It is almost

equally accepted that our expectations of one another can exert similar influence. Although a great deal of attention still needs to be given to this important subject, the power of positive teaching cannot be underestimated.

## INTERVIEW WITH PROF. SCHMIDT

*(Continued from Page One)*  
demonstrate.

"For example, it is one thing to complain small foreign cars are unsafe. It is quite another thing to build a safe protective vehicle for under \$2,000. The student at Rose is making a practical approach to the problem."

"What do you think should be done to improve Rose?"

"Again, I think the non-academic side of education should be stressed more. There is so much to be gained from relationships between students and faculty, but these relationships just don't exist for the most part."

"How should the channels between students and faculty be opened then?"

"There never will be anything which we want that we will not have to put out for, but I don't know of any way to con-

vince students or staff that this side of education takes as much push as academics."

"Some members of the faculty have invited students into their homes and in most cases the students have fallen, there seems to be much non-interest."

"The faculty at Rose is concerned with students and student affairs. Maybe, with a little effort on the part of the students and faculty some communications may open up."

"You spoke of the concern the faculty has here at Rose. If you told us why you are teaching at Rose, we could better understand this point."

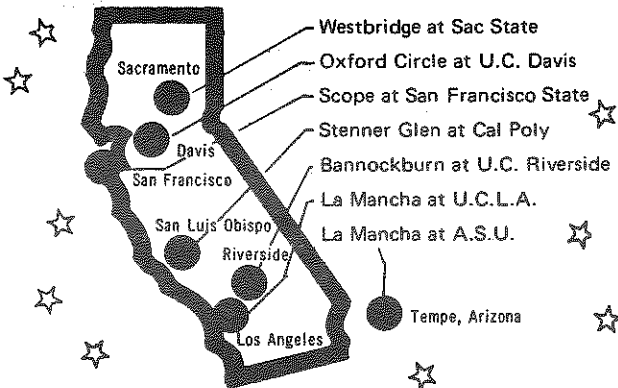
"I came to appreciate this school very much during my four years as a student. After my graduation I attended Purdue for my graduate work. While I was there I decided that I could not relate in such a vast surrounding, I felt as though I was teaching numbers."

"Then a job opened up in the Math Department here at Rose and I got it. I came because I respected people who ran the Institute and I wanted to associate with them. After two years I decided to stay, to me this is a happy and very satisfying life. Here I feel that I am contributing, helping, doing my part."

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**CULTIVATE YOUR GARDEN**

*(Continued from Page Three)*

fertilizer per manufacturers instructions. Remember, too much fertilizer will burn the plants and retard or kill your charges.

Moisten the soil thoroughly, then level the top. Using a pencil or similar article, punch holes two to four inches apart with inter-spacing rows. In an apple box up to 35 plants may be planted.

Plant your sprouts with the seed above the ground and the sprout in the soil. Tamp the soil firmly, but not packed, around each plant as you insert the sprouts.

**NUMBER TWO:**

The second method is to use small flower pots made up the same way as the first method and plant one sprout to each pot. This method saves transplanting later. Though with adequate nourishment and light the first method is the easiest for both space and time. From here on, both methods are the same.

If you have a closet you can use, fine. A garage or any place where you can set your

The answer to each clue in this list is a word that begins with "BAT," as for example in the words "BATTLE" and "BATHROOM." See how many of these BAT-words you can come up with:

1. Cookery mixture.
2. A sheer fabric.
3. To moderate.
4. British military servant.
5. Mawkishness.
6. U.S. state capital.
7. Baseball townsome.
8. Deep-sea chamber.
9. Quantity.
10. Soft filling.
11. A truncheon.
12. Cover tightly.

**ANSWERS**

1. Batter. 2. Batiste. 3. Bate.
4. Batman. 5. Bathos. 6. Baton Rouge.
7. Battery. 8. Bathysphere. 9. Batch. 10. Batting.
11. Baton. 12. Batten.

plants without them being trampled on will do also.

One word of caution on any transplanting to the outside. The little "beasties" of the wild love young, tender plants and unless some method of protecting them is taken, more than likely you will only find stalks and stubble to harvest.

**LIGHTING:**

If you use artificial light you can keep the unwanted stalk down in size, without sacrificing the lovely foliage simply by using a blue light for the first 30 days. You can leave the light on for 24 hours a day though 17 hours is as good. Plants don't need to sleep; the more light, the faster they mature.

Blue light keep the stem from growing in height but will make a sturdier stem. Set your lights (as many as needed to give good illumination) so they are 12 to 14 inches away from the top of your plants. If the temperature at plant level rises above 100 degrees use ventilation or less light. At the end of 30 days you will have quite a garden.

At the end of 30 days, change to red bulbs and start the gradual cut down on the time you have the lights on, from 24 to 16 hours. After a week cut to 14 hours, at the end of that week, to 12 hours. Leave at 12 hours until the plants begin to flower.

**HARVESTING:**

When your plants are ready to harvest, (you'll know by the flowers and seed pods) wet the soil and pull the whole plants out, root and all. Remove the flowers and top leaves. Dry these, whole, in the sun for two weeks or until they are crumbly. If you like, after drying, sprinkle wine or rum lightly on the dried leaves and put in a "baggie" or a covered bottle and it will enhance the flavor immensely. For the rest of the plant, remove the leaves from the stem and dry the same way or hang the whole plant upside down for two weeks and pick off the leaves as you want, saving the stem and root for the last. Or you can remove the leaves and place a small quantity in the oven under low, low heat for 20 to 30 minutes, or until crumbly, and run them through a strainer. A word of caution on the oven. Too much heat will burn the leaves—need I say more?

**DR. RHEE PLANS SPEECH IN U.S.S.R.**

*(Continued from Page One)*

Leningrad meeting include so-

lar-terrestrial physics, physics of the upper atmosphere, back contamination, optical tracking of deep space objects, asteroids, meteoroids, and ecology of micro-organisms in space flight, etc. (a review of space research in general).

The objectives of COSPAR, according to Dr. Rhee, will be achieved through the maximum development of space research programs by the international community of scientists working through ICSU and its committees, international unions and national academies of science.

Dr. Rhee, who has been a member of the faculty since 1964, holds M.S. and Ph.D. degrees from Temple University, Philadelphia, Pa.

During his tenure at Rose, he has developed a program in astronomy whereby a student can gain an astronomy option in the department of physics. He also has been active in remodeling the observatory and related laboratories which will be available to the public for night watching in the near future.


Dr. Rhee recently was select-

ed by the American Astronomical Society to serve as a consultant for the development of astronomy programs in high schools and colleges throughout the Midwest. This assignment deals with the design of planetariums, development of high school curricula and general education in astronomy for the public.

The nationally recognized astrophysicist holds professional memberships in the American Astronomical Society, International Astronomical Union, International Association of Geochemistry and Astrochemistry (charter member), American Physical Society and American Association of Physics Teachers.

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## TRACK TEAM POSTS 5-5 RECORD

Track showed sudden improvement this spring as the team recorded a 5-5 mark including wins over Franklin and Marian in a triangular meet, Evansville, St. Joseph and Parkland. Also three of the losses were by less than ten points including a three-point loss to a strong Millikin squad. With only Barry Jenkins graduating and considering the fine frosh prospects already recruited, the first winning track season in several years could be forthcoming.

Four school records highlighted the season as Greg Shutske strode to a 1:55.5 half mile at Big State; Jim Eppen cleared 6'4 in the high jump while winning the Little State; Keith Roberts lowered his school standard to :58.2 in the 440 intermediate hurdles; and Steve White breezed home in 9:53.0 while setting the two-mile mark.

Keith Roberts captured top individual point honors on the squad by often winning two or three events per meet. The versatile Roberts totalled 119

points while competing in the high hurdles, 440 intermediate hurdles, triple jump, and long jump. Jim Eppen amassed 53 points, mostly in his high jump specialty, to take second while Greg Shutske followed with 48 per cent markers from the half mile and his anchor leg of the mile relay.

Other top performers for the Engineers were: Tom Haas, mile and half mile; Denny Radecki, sprints and mile relay; Joe Zumar, javelin; Steve White, two mile; Ernie Jones, pole vault and triple jump; Ray Fuson, 440 and mile relay; Jerry DeMeyer, shot put; Dave Greene, discus; Steve Boyce, discus; Cecil Whitaker, mile and two mile; Barry Jenkins, 440; Bob Vitolins, high hurdles; Mark Rose, high jump; Woody Heller, high hurdles; Jim Keith, mile, and Chuck Moseman, 440 and half mile.

Also participating but not lettering were: Jerry Stone, Bob Schacht, Mike Schall, Dave Woodsmall, Mark Lagomarcino, Gary Kelm, Bill Thaler and Tony Laban.

Til's services!

Rose's finest Greek Week-End in years came to a close Sunday night with the FRATERNITY songfest. With Alpha Tau Omega wailing to a first place victory, the men of Triangle grabbed a foothold onto second. Lambda Chi, 19 men strong, snarfed up third place while Sigma Nu retained its traditional last-place finish. Two fraternities chose not to enter the contest while one fraternity made a token appearance? I hear that The Temptations will perform in the songfest next year, after they are made honorary Sigma Nu's!!

## LAMBDA CHI'S 19 WIN GREEK WEEK-END

(Continued from Page One)

scraping ordeal. Sigma Nu, making optimum use of its exchanges, rode to a first place victory while Lambda Chi took second. After a brief dispute, Theta Xi was awarded the third position over Alpha Tau Omega. Last, but not least was Til Panaranto's fabulous barbecued chicken. With nearly 200 lbs. of chicken, Til managed to feed many hungry contestants and keep everyone in good spirits. Saga would definitely benefit in acquiring

## ANNOUNCEMENT

Our Managers, Betty Rich and Jim Dryer, have "Gone Out of Their Heads" over you and have declared Tuesday Evenings at

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## Tommyknockers

by Bill Strahle

ITEM:

The sky is dark, the mosquitoes are out in abundance. A single light shines like a beacon from the interior of a garage. There, a lone figure huddles over a 426 "wedge" engine. His only companions—the sleek golden body of the UnHemi, and the spidery frame of a slingshot dragster. The figure slowly straightens and asks no one in particular, "I'm going racin'. Are you?" While the echoes of his voice die down, the figure huddles again and continues his lonely vigil. Get with it, guys.

PREDICTION, 1970:

The Frigid Pink concert will be more successful than Earth Day at Rose—yet less successful than The Association concert last Fall. Now that it's over, see if I have a good crystal ball.

ITEM:

The rusting hulk of a VW bus; minus a right front windshield, back wheels and tires, is still occupying a parking place in the Speed lot. If parking spaces are at a premium here, then why has nothing apparently been done to remove this "machine?" I suggest appropriate action be taken.

One additional note — last week I was informed by the Counselling Office that the gravel area around the Administration Building was for Faculty only. Yet several students have indicated that this area is set aside for anyone with a Speed parking sticker.

I suggest the matter be clarified immediately so as to prevent students unduly receiving tickets. (If I may coin a legal phrase, "Ignorance is no excuse from the law.")

ITEM:

A student occupies a fifth floor dorm room. He is paying \$120 this quarter for the room. Yet, while paying the price assessed students with roommates,

Congratulations to the members of all the fraternities for their participation and to Roger Ward, Jack Parks and numerous other men who made this the most exciting fraternity event in years. I sure hope the Lambda Chi's remedy the illness that swept their ranks just before the songfest, but it was great that they could round up those 19 to sing.

—GREG DAWE

he lives alone. I think getting a private room for \$120 instead of the customary \$180, is a pretty good deal. Is this situation unique?


ITEM:

A scientist has informed me that according to his latest calculations, the new building will flop over into the creek after the first heavy rain.

ITEM:

I believe that the recent "resignation" of Dr. Llewellyn as chairman of the Physics Department was a blow to the quality of education at Rose. A petition was presented to Dr. Logan by the other members of the Physics Department indicating support for Dr. Llewellyn and recognizing his dedication to improving the Department at Rose. There have been no visible results. It has been suggested that a petition from the student body could bring constructive action by the administration on this situation. Please contact me before finals week if you would like to sign.


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