PRESSIVE student dorms and recreation facilities. But how slow must this engineering college equiped with up-to-date laboratory facilities and quite impressive student dorms and recreational facilities. But how slow must this emergence be?

Nobody expects Rose to be transformed overnight. This just cannot be done. But is it too unreasonable to ask for a legitimate attempt on the part of the administration to make a start? There would seem to me that when the construction reaches the snail-like pace it now has, then there should be some action. Expansion has stagnated to the point where the academic future of many cannot be guaranteed. Let us examine the situation the expansion program. The New Rose is making its bid for a place among the greats. Its avowed goal is recognition as the outstanding undergraduate engineering college in America. Although an imposing claim, it is entirely credible and not without support. As evidence stands the vast growth on campus in the past five years. Four new dormitories and a million-dollar student union have sprung up like mushrooms around the lake. There has been growth in other areas as well. In 1961-62 the percent of faculty with Ph.D.'s was 15% (actively teaching, Military Science excluded). Today it is 58%—an impressive gain, to say the least. Rose is changing.

But there are other changes in the character of the Institute. Changes which, although of equal import, are little known and less publicized. These are three which warrant careful consideration because they belie a trend which, if allowed to continue, could pose a serious threat to the future of the school.

One of the prime attractions since its founding almost a century ago has been Rose's high faculty-to-student ratio. The recruiting and public relations departments have consistently stressed the personal student-faculty relationship that can be found here. But a close look at the situation is quite revealing. In 1961-62 the faculty student ratio (full-time teaching, excluding Military Science) was 1:10.2. In 1965-66 it was 1:15, and today it is

(Continued on Page Two)
INSTITUTE INKLINGS

As editor of the INSTITUTE INKLINGS I have made the following appointments for the Winter Quarter, 1967. Taken into consideration for the appointments were ability, past experience, and above all, desire to work for the betterment of the newspaper.

Editor—Chuck Webb  Assistant Editor—Stephen Mitchell
News Staff—Bill Kane, Ed.; Don Spatz, Jim Wong, Eric Dany, Mike Nugent, Jay Nilsson, John Berry and George Shaver.
Feature Staff—Denny Fritz, Ed.; Roger Evans, Dwight Klippel, John Greve, Jim Tageson and Casey Gaines.
Sports Staff—Tom Curry, Ed.; Joe Swift, Dave Hohfeldt, Ken Burkhart and John Lysen.
Business Staff—Benn Bradburn, Mgr.; Stephen Ricks and Tom Duff.
Advertising Staff—Wade Scott, Mgr., and Mike Morris.
Circulation Staff—David Harshbarger, Mgr.; Jim Houdeshell and Ron Moore.
Editorial Staff—Denny Fritz, John Elzufon and John Andis.
Advisors—Mr. Daugherty and Professor Halst.

EDITORIAL

For the benefit and spare time enjoyment of the Rose community I have devoted my editorial space to what I have called the “Editor’s Coloring Book.” No crayons are needed, only one’s imagination of reality.

1. This is an IBM card. Color it salmon, grey, or pink. Also be sure not to bend, fold, staple, or mutilate.
2. These are a set of mid-term grades. Color them meaningless.
3. Here are some “No Reports.” Do not color them. Their true color is not known.
4. This is a Rose man’s shine. Color them black and blue from tripping on the “well-lighted” steps at the HMUB.
5. Here is a Senior. Color him tired from trying to get out for the past three and a half years. Also color him confused about the “cold, cruel world” beyond the front gate.
6. This is a Junior. You can color him corduroy as he has no respect for traditions.
7. This is a Sophomore. Color him confused after four quarters of Berkeley physics.
8. This is a typical Rose Freshman. Please color him blissfully ignorant of the trials and tribulations ahead.
9. Here is a construction worker. Color him fresh and awake as he never does any work. Also color his car out of the student parking lot.
10. This is the old convo hour. Color it with required humanities films.
11. Here is the new Chemistry and Chem. Eng. labs. Color them done in the middle of July.
12. This is the E. E. department. Color it dependent upon mark-sense cards. Also color it persecuted.
13. Here is the “New Rose.” Please try and color it green, beautiful, and super-educational, but do it in a way so that it is so “New”, that no one really knows what is happening.
14. Finally, here is the editor of this thing called a newspaper. Please color him human.

CEW

THE NEW ROSE...
(Continued from Page One)

1:16. This amounts to a decrease of over 36%. As a specific example the Electrical Engineering Department, second largest by enrollment, had a faculty-student ratio of 1:10.9 in 1960-61. Today it is 1:21.6—reduced by one-half!

An equally important area of concern is that of class size. The Rose Bulletin of 1965-67 states that “Class and laboratory instruction is conducted in small groups.” Again, examination sheds new light on this claim. The following is a breakdown of one department by class size. The numbers in each column represent the number of classes of the size listed at the top of the column. Classes of under 20 enrollment were omitted.

<table>
<thead>
<tr>
<th>Size of class</th>
<th>20-29</th>
<th>30-39</th>
<th>40-49</th>
<th>50-59</th>
<th>60-69</th>
<th>70-79</th>
<th>80-89</th>
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<td>-------</td>
<td>-------</td>
<td>-------</td>
<td>-------</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1961-62</td>
<td>8</td>
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<td>1</td>
<td>0</td>
<td>0</td>
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<tr>
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<td>0</td>
<td>0</td>
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<td>1963-64</td>
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<td>2</td>
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<tr>
<td>1964-65</td>
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<td>0</td>
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<tr>
<td>1965-66</td>
<td>4</td>
<td>11</td>
<td>6</td>
<td>0</td>
<td>2</td>
<td>1</td>
<td>1</td>
</tr>
</tbody>
</table>

The conclusion is that although there are still many small classes, the maximum class size has doubled, and the preponderance of classes are working their way into the 40-50 student range. But this department is by no means unique. This year there are classes with enrollments of 64 and 59 for Electrical Science, 86 and 97 for Chemistry, and a Differential Equations class of 74. Class size is definitely changing at Rose.

A third aspect which has changed recently is that of student convocations. Four years ago convocations featuring special speakers, artists, etc., were regular attractions. Today convocations consist primarily of Humanities Department sponsored films. Four years ago the Convocations budget was about $3000. Today it is $1500. This is certainly a disturbing trend.

The present financial policy, one concludes from these indications, is one of generosity for construction but austerity for students. The school has the finest dormitories, student union and 100-man classrooms—but a sharply declining faculty-student ratio, greatly increased class sizes, and a decimated student Convocations budget. This policy of channelling funds away from the latter areas into the former raises serious doubts about the progressive character of the Institute.

So the New Rose is not yet Utopia—but that is not the point. The question is ... “Are these flaws merely growing pains of the finest engineering college in the land, or are they the inherent failures of our present philosophy of administration?” The question must be answered.

—Charles H. Divine

An art course is being offered on campus. It meets once a week for two hours and is being taught by a Terre Haute artist.

Present equipment tests waste water over a five-day period, an unsatisfactory time delay.
Examining produce in an open-air marketplace in Lisbon is one way to broaden one's knowledge of the ways of the Portuguese people. These girls found exploring the markets of cities around the world a relaxing change from studies undertaken during a semester at sea on Chapman College's floating campus—now called World Campus Afloat.

Alzada Knickerbocker of Knoxville, Tennessee,—in the plaid dress—returned from the study-travel semester to complete her senior year in English at Radcliffe College.

Jan Knippers of Lawrenceburg, Tennessee, a graduate of the University of Tennessee, and a former Peace Corps Volunteer, first pursued graduate studies in International Relations and returned a second semester as a teaching assistant in Spanish on the world-circling campus.

Students live and attend regular classes aboard the s.s. RYNDAM, owned by the ECL Shipping Co. of Bremen for which the Holland-America Line acts as general passenger agent. In-port activities are arranged to supplement courses taught aboard ship.

As you read this, the spring semester voyage of discovery is carrying 450 undergraduate and graduate students through the Panama Canal to call at ports in Venezuela, Brazil, Argentina, Nigeria, Senegal, Morocco, Spain, Portugal, The Netherlands, Denmark and Great Britain, returning to New York May 25.

Next fall World Campus Afloat—Chapman College will take another 500 students around the world from New York to Los Angeles and in the spring, a new student body will journey from Los Angeles to ports on both west and east coasts of South America, in western and northern Europe and as far east as Leningrad before returning to New York.

For a catalog describing how you can include a semester aboard the RYNDAM in your educational plans, fill in the information below and mail.
Noonday Napping

(Continued from Page One)

Chemical Engineering Department finds itself in as a prime example.

Two years ago when Rose was being reviewed for purposes of re-accreditation the Chemical Engineering Department was re-accredited to 1967 vs. 1972 for every other department. Therefore, it was decided to completely tear apart and rebuild from scratch the entire Chem. Eng. lab section. Would it not be reasonable that this project be placed high on the priority list so that classes after 1967 would be assured of an accredited degree? The Chem. Eng. lab was due to be finished in Sept. 1966. Take a look at the Chem. Eng. area. In Sept. of '66 there was one long glass pipe in that section. In Feb. '67 there is one long glass pipe and lots of dust.

On the way down the Chem. Eng. section, don't trip over any of the workmen. They like to take naps near the stairway and it might be rude to wake them. Speaking about the workers, watching them can be quite a humorous sport. Whenever the foreman leaves they try to out gold-brick each other and the author must admit that some of them are quite proficient. Watching two of them carry a tool-box is fun too. One, of course, goes along to pick up any part that may drop out. The napping is more picturesque and is recommended for those who delight in aesthetic beauty rather than slap-stick comedy.

What is really tragic is that an administration which is headed by such fine men could be "taken for a ride" by such an unveritable group of bunglers.

-John A. Elsufon

Rose continues

(Continued from Page One)

in Aerospace Engineering, but a student who takes the basic Mechanical Engineering curriculum, and adds the courses offered in aerospace as his electives for a bachelor's degree in Mechanical Engineering will have the background and training needed for a similar degree in Aerospace Engineering.

To support this new program in aerospace study, Rose has added, Professor Huchison who has received a master's degree along these lines, and Dr. Mathews, who received his doctorate in Aerospace Engineering, to its teaching staff.

To go along with this expansion in professors and new courses, Rose has asked the National Science Foundation for a grant of money, so that such important lab equipment as sub-sonic and super-sonic wind tunnels can be obtained for increased study.

With a little luck and increased interest from the student body, Rose could very well be offering a degree in Aerospace Engineering within the next few years, and in doing so Rose will continue to advance with an advancing society.

Campus Program has Problems

(Continued from Page One)

by school policy, no school social function can take place within one week of another. This automatically eliminated many weekends.

It has been thought to include ISU and Saint Mary's to insure financial success. ISU could provide their arena and funds for the retainer. However, ISU's schedule of events plus Saint Mary's and Rose's all add to the complexity of finding an open date. Also the original purpose of the program would be lost.

Two dates were open—the 14th and 20th of April. However, the 14th is within a week of Rose's Junior Prom; and ISU has just planned a fashion show on the 20th. Paul admitted the future did look bright, but he still hopes to arrive at a solution. However, he says if such a program can not occur this year, they may plan for one next year.

-J. Wong

St. Pat's Dance

After the first Saint Patrick's Day celebration at Rose in 1915, a number of activities were added so that the whole day was taken up. In 1924, the entire student body flocked to one of the local theaters for an afternoon of comic acts and amateur musical productions. The parade started on South Seventh Street about 7 P.M., and went up to Wabash Avenue and then west on Wabash for several blocks. A dance was held in one of the local ballrooms later that evening.

After the appearance of talking movies, the Rose students discontinued the afternoon show. St. Patrick's Day soon became a day of Rebellion by the Frosh. On that day, they did not wear their green beanies, they smoked pipes, and they walked across the island. By 1942 the upperclassmen and frosh had a big fight on St. Patrick's Day almost like our Junior Cord Day.

In 1946, the St. Pat's Dance was revived after World War Two. In 1948, Blue Key took over sponsorship of the dance from the student government. In 1949, the Freshman-Sophomore Games were held on Saint Patrick's Day. The first event of the games was a tug of war, held across the small lake. The losers not only got beaten, they also got soaked. Another interesting event was the mud pole contest. The sophomores placed their class flag at the top of a slick pole. Then they poured water around the pole until there was a 30 foot ring of mud around the pole. The Frosh attacked the sophomores and attempted to tear down the flag. After an hour or two of struggling, the Frosh either captured the flag or admitted defeat.

All the participants were dirty as pigs after the struggle.
When I was still in college I heard that when you went to work in a large corporation...

They put you in a training program and all you did was paper work and went to some lectures and watched other people work.

And thought about what you would do if only they asked you to do something.

Before I went to work at GT&E

That was last June.

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SPORTS

SPORTSLIGHT
by Tom Curry

Are athletes a different breed of people? I sometimes feel that the American public views these muscular marvels as an impressionable six-year-old views his grade school teacher—as a person who can do no wrong. Athletes are, for the most part, overrated in comparison to men in other professional fields. They are idealized by young and old alike. There are probably more people who have greater admiration for Mickey Mantle than for George Washington. Although I realize that the exemplary character and the worthwhile contributions to society made by such mental giants as Albert Einstein and President Johnson are truly admirable, I must still join the multitudes who hold an overwhelming amount of respect for the truly great athletes of the world.

The image projected by these athletes can have a tremendous influence on the youth of America. Baseball pitcher Bo Bilinsky and his many escapades presented a poor example for these young people to follow. Likewise, Cassius Clay and former pro football star Jim Brown have questionable characters. On the other hand, however, people such as All-American basketball star Bill Bradley, baseball great Stan Musial, and former pro basketball great Bob Cousy have exhibited the highest qualities of character for people to emulate. Let’s hope that America’s youth are very discriminating in choosing an athlete to imitate.

HAVE YOU NOTICED:
I. U. at the top of the Big Ten rat race . . .
Notre Dame knocking off Fifth-ranked Houston . . .
Fourth-ranked ISU losing two games this past week . . .
The Engineer’s 13-4 record—the best in years at dear old Rose . . .

IN REVIEW . . .

FEBRUARY 4:
Rose - 86  Blackburn - 72
The Fightin’ Engineers repeated a November 29 performance as they de-
feated Blackburn College for a second time this season. November saw Rose come-up from behind at the half to claim a 76-66 victory.
February 4 witnessed the Engineers in complete control of the game and the opposers offered little resistance. The reserve squad had the honors of playing much of the game as they continued to widen the scoring gap.
The Engineers hit .435 from the field and .756 from the free throw line.

Victory came for Rose through field goals as George Williams outscored the Engineers from the free throw line 35-18.

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<td>13</td>
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<td>Tucker, Jim</td>
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<td>2</td>
<td>4</td>
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TOTAL 33 18 29 57 84

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