**SA approves '77 budgets**

by PHILIP PARKER

The Student Association Senate ratified several changes in the SA constitution and approved the RPC and KTRU budgets at their first meeting of the year last Monday night. In other actions the Senate considered a review of the University Student Grievance Procedures.

At the suggestion of faculty advisor Ken Kennedy, the Senate postponed approval of a draft of new student grievance procedures until they could examine the entire judicial process. Kennedy noted that in the past there was a commitment to the policy of "no disciplinary action without a trial of peers." However, since that same many of these functions have been placed in the hands of the Proctor without the specific consent of the students.

Failing of the new grievance procedures would imply tacit approval of the existing judicial process, Kennedy noted. President Bruce Marcus delayed action on the draft proposal until a committee headed by Keith Cooper, University Court Chairman could make a report to the Senate.

To update the SA constitution before new copies are printed, all references to the chopping procedure in the draft publications, Janus and Foil were deleted. Although formerly a Student Association dependent organization, the cheerleaders were expelled from the SA last year after a dispute over election rule violations.

Most of the votes concerning the revisions passed unanimously except a proposal to change the wording of RPC bylaw from "he/her" to just "he." Marcus cast the tie breaker vote to change the wording to a universal "he." Later he explained he just wanted to simplify the wording.

The Rice Program Council presented a proposed budget of $12,475 for the school year while the Senate approved its own budget of $7625. KTRU, despite the flood, was able to boast of its financial solvency. The Radio closed out the year with a carryover of about $4300 although some bills due before the flood may reduce this amount somewhat. Unlike the Pub or the MOB, KTRU will receive government funds for rebuilding.

Capital Tires was given permission to buy a list of all Rice students for $100.

The Senate also considered Dean Katherine Brown's proposal to have more women students to seek rooms on campus. They felt it was a good idea but faculty from Science and Engineering should also be asked to speak.

(Continued on page 11)

**Crowded conditions prevail on campus**

by Danny Medina and David Butler

"I know I wouldn't want to live in a college or dorm — I've never did." — Dr. Hackerman to an off-campus student, 1973.

While some may enjoy the privacy and comparative comfort of off-campus housing, the increasing cost of such accommodations is forcing more and more students to seek on-campus living. As a result of increased demand, all of the colleges are forced to maintain waiting lists for those students who want to move in.

Currently, each college reserves one-third of its rooms for incoming students; this policy was established by the college masters at the request of Mr. Richard Stabell, Director of Admissions. According to his office's calculations, this should be enough to house all freshmen and upperclassmen ejected last year to make room for new students. The problem is worst at Rice College, where eight freshmen and five transfers are wait-listed, as well as fifteen sophomores ejected last year.

Will Rice College is also heavily overcrowded, with sixteen students waiting for rooms, and fifteen students above their "normal" capacity limits cleared into the off-campus rooms.

(Continued on page 10)
**Editorial**

It appears odd to this writer that at a university acknowledged for its excellent science-engineering program there is a shortage of such courses designed for those who are interested in the sciences but do not have the background necessary to fathom the technical aspects of this field of study. More precisely, at Rice University an "academ" is not offered much of a selection if he wishes to take a science course and master the fundamentals without getting stricken by a case of calculator crazies. In most science courses at Rice, emphasis is placed on theory and principle at the expense of an understanding of the impact such information has on the modern world. Thus, those Rice students who are interested in expanding their field of knowledge to include the sciences are discouraged by the technicality of such courses at Rice.

Looking through the Schedule of Courses offered at Rice, one notices quickly the scarcity (or even non-existence) of chemistry, biology, and physics courses for those who have not had a strong background in these fields. Even those students who have had such a background find Chemistry etc. at Rice challenging, if not downright difficult. So how can an academ without S.E. leanings be expected to enroll in such courses designed for his option to take them pass/fail? It is neither enjoyable nor useful taking a course in which one is lost most of the time. The university should be encouraging students to expand their appreciation of fields other than the one they are concentrating in. And yet it cannot be expected of a student that he appreciate a subject when he has had enough time to just trying to decipher whatever it is the professor is scribbling all over the blackboard.

At the present moment about the only sciences geared for academs are astronomy and geology. This is fine, but it is not enough. What is needed is an attempt by the science department to incorporate courses into the program which enable the interested student to obtain not only an understanding of the fundamentals of the various sciences but their significance in society. Perhaps this idea is best expressed in the capsule description of Psyc. sciences but their significance in society. Perhaps this idea is best expressed in the capsule description of Psyc.

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** Victims urge tighter security**

To the Rice Community:

It is well known that the incidence of rape, especially on a respectable campus such as Rice, is easier to ignore than remedy. Unfortunately, this irresponsible and inhuman attitude only facilitates the continuation of rape—a continuation which is more than significant for the lives of those women whom it may affect. Though the publicizing of such events may not enhance Rice's public image, it is a worthwhile measure in light of the constructive results it might produce. Perhaps the potential rapist would be turned away if he did not think the Rice campus was so easily accessible and unprotected.

On Saturday night, August 28, two female graduate students were working late, alone, in Raynor Hall. They left their office momentarily to go to the restroom, locking the door and leaving the lights on. A few seconds later a man entered the unlocked building, came up to the second floor, went directly to the office and tried to break in. Unable to do so, he turned and came back down the hall and into the women's restroom. He stood in front of two stalls in which the women had locked themselves, then left abruptly. By the time the women were able to contact the campus police, the man was long gone. The police found that the door had been propped open with two pieces of chalk.

We were fortunate that we remained unharmed, that for some unknown reason he left, but others may not be so lucky. We feel that more campus security is needed for preventative measures. The building should have been checked as to whether or not it was locked, and at any rate, there should have been campus security men within screaming distance. Unfortunately, so few security men as there are here cannot be expected to cover a campus so large.

As the semester continues many students will be working late in their offices or in the library, coming to and from dimly lit parking areas and colleges. Since the quadrangle of campus is an area of such heavy traffic, would it be too difficult to provide campus security to patrol it on foot? The raping of Rice students has been the major cause of violence from outside the campus community, and we feel it should be given more serious consideration by the campus authorities.

A petition in support of this letter will be presented to President Hackerman and to the Student Association for further action.

Patricia Olores
Bonnie Johnson

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*Willy*

**by Jeff Kerr**

*Caught on Camera*  
*Mr. Shig said to me, "Prowlers burn this." Unfortuntely I burned this. I did not think that I will not happen again. So, I've decided to put this camera in the Hallway and the women's restroom.*

**After our cameras were left, a prowler耵 who spoke with a Southern accent...**

*Mr. Shig said to me, "Prowlers burn this." Unfortuntely I burned this. I did not think that I will not happen again. So, I've decided to put this camera in the Hallway and the women's restroom.*
To the editor:
The "Rice Health Service" in the past has been poor, and the plan for the academic year 1977-78 will consist of three areas: 1. A first-aid station with nurses only (no doctor on campus at all), operating on a limited schedule (not on weekends, nights, or holidays). 2. A referral service to Hermann Hospital Outpatient Clinic for those wishing or needing to see a physician. An appointment must be made and cost will be $5.00 per visit, not including medication, casts, etc., but prescriptions can be purchased at cost plus 30%. The emergency room at Hermann Hospital will cost a $20.00 entry fee, plus any other expenses. 3. The on-campus psychiatric service. A student is restricted in the number of visits permitted.

The cost of this service is far too exorbitant for what one receives—no doctor, limited hours, and an apparent lack of concern for our student body's health needs. As graduate students we are doubly penalized because we are on campus during the summer and holidays, when no health service whatsoever exists and clinic associations with Rice are invalid. Those students in the science fields spend considerable amounts of time—both day and night—in laboratories, where the risk of injury is ever-present.

In our opinion, the on-campus health service is not worth $27.00. This fee should be voluntary and the health service should be improved. Improvements should include a doctor on campus with regularly scheduled office hours and a nurse or paramedic on duty 24 hours a day. The referral service should be limited to gynecological services and special cases. Psychiatric service should be available to students as long as they need this type of help.

We have written this letter to make the student body aware of the inadequacy of the health services available to them and to express what we think would be a minimally acceptable service which the university should provide. We encourage the Thresher staff to investigate the health service with the following questions in mind: Exactly what health services are provided? How is the money distributed? What clinic associations are subsidized by the university? What improvements can be implemented this year, and why can't it be done on a voluntary basis, at least to graduate students, many of whom are already going to their own doctors and do not use the Health Service? It is hoped that a reply will be forthcoming in a subsequent issue. Many things remain unclear at present; we welcome any clarification and discussion of this matter. We want to know what is going on; we are the ones paying for and affected by the "Health Service."

Rice Biology Graduate Student Association
Addendum: We would appreciate it if graduate students in the other departments would express their opinions to their GSA representative regarding this problem.

The following is taken from the TexPIRG newsletter and provided to the benefit of students with phone problems.

By Gary S. Feiffer

How quickly will I lose my phone if I don't pay my bill?

Bell must send you a written notice, then wait five days for you to pay the bill or begin grievance procedures. Usually Bell must send you a bill before it can send you a threat to remove your phone. (However, if your phone bill amounts to 50 percent or more than its estimate in the first three months, or subsequently jump 50 percent over a two-month average, the threat may be your first warning.)

Can I lose my phone for any other reason other than an unpaid bill?

Yes. You can lose a phone (1) if you interfere with service to others (2) use profane or obscene language on the phone (3) threaten others by phone (4) use the phone to commit a crime, or (5) try to defraud Bell by sending long distance messages or locate persons without paying tolls. (The Bill of Rights is silent as to whether Bell must warn you before invoking any of the reasons. Courts are likely to say no, not without a hearing.)

What if Bell and I disagree?

Begin grievance procedures—Bell may NOT take away your phone or demand additional deposits during the grievance process. It works like this:

COMPLAIN TO BELL
Phone the business office: 227-8777.

THREE DIGITS OF YOUR PHONE NUMBER
Ask for a service representative. If not satisfied, then ask for a supervisor or manager. If still unsatisfied, dial 257-7811 and ask for Bell's "Customer Service Manager."

When will Bell bill me?

Fifteen days after your phone is first installed, and thereafter within 10 days following each billing date. Bills can be paid by mail (911 Polk) or in person there or at Sears and many stores.

Who makes the rules for Bell?

Bell operates in Houston under a franchise granted by the City Council. You can read the terms of this contract at either 911 Polk, Bell's office, or Room 710 in City Hall. If you think the rules need changing, tell the Director of Public Service or you member of City Council (If you don't know the name of a councilman, phone the League of Women Voters, 529-3171.)

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The 71,000 gallon per day is not that much smaller than the size of the smallest leak Alyeska said it would be able to detect when the pipeline is in operation. The federal approval to build the controversial line. According to the proposed Federal Impact Statement for the project, "Alyeska expects to be able to detect leaks smaller than 31 barrels an hour (31,248 gallons per day) by the time the line is operating at maximum capacity."

Smaller leaks would be expected to be noticed by normal operations and maintenance personnel. However, Alyeska does not have the capability to detect leaks smaller than 71,000 gallons per day when the line is operating at maximum capacity. Therefore, Alyeska has designed a system to detect leaks in the range of 31 barrels per hour (31,248 gallons per day) once the line is operating at maximum capacity. However, the company does not have the capability to detect leaks smaller than 71,000 gallons per day when the line is operating at maximum capacity. Therefore, the system can only detect leaks that are smaller than 71,000 gallons per day when the line is operating at maximum capacity.

Interrelated components for proper operation could be immobilized by equipment failure. It recommended that Alyeska install the ultrasonic flowmeters as-yet unproven in large pipeline service—as a backup system at each of the line's 12 pump stations. The flowmeters operate by bouncing ultrasonic waves across the pipeline and measuring the return time. By comparing the measurements at two successive pump stations, losses due to breakage along the line can be detected and signaled to operators at Valdez.

But given the one-tenth of one percent error margin, the line could leak up to about 1,200 barrels per day (or 71,000 gallons) when operating at capacity without triggering the warning signal.

Bob Carter, project manager for the Harris Corp. of Melbourne, Fla., which designed the pipeline supervisory control system, says he doesn't know how much of the time the line-volume balance system will be accurate. Nor does he know how accurate the back-up ultrasonic flowmeter system will be. A spokesman for the Anaheim, Calif.-based Fluo r Corp., Alyeska's major contractor for pump stations and the Valdez terminal, says "standing orders" prevent him from commenting on any aspect of the project without clearance from Alyeska. Alyeska's News Media Supervisor, John Ratterman, has not answered recent inquiries concerning the reliability or accuracy of either of the two leak detection systems.

In addition to the computer monitoring systems, Alyeska plans aerial and ground inspections of the 800-mile line. However, rough flying conditions, coupled with the remoteness of the line, will hamper these patrols, especially during the long Alaskan winter.

Underground leaks, meanwhile, could go undetected for months. A recent leak in a small underground fuel line at an Alyeska construction camp went unnoticed for five months before the fuel began seeping to the surface. By that time more than 100,000 gallons had been lost.

Approximately 350 miles of the pipeline-carrying 470,000 gallons of oil in every mile when operating at capacity-will be built.

The controversy over the leak detection system and other problems has prompted environmental organizations, including the Friends of the Earth and the Wilderness Society, to demand an Interior Department review of all environmental and technical provisions agreed to by Alyeska in 1974.

Reparis on widespread welding defects along the line already threaten to delay the completion of the three-and-a-half year project and boost total costs to $7.7 billion, up from $4.5 billion when construction began in 1974.

—Pacific News Service
The Select Committee for Review of Intercollegiate Athletics at Rice University consisting of Mrs. David Hannah, Jr., Chairman; Mr. John R. McMaster; Mrs. John O. Hale; Dr. James Anderson, Dr. Richard A. Chapman, Dr. W.G. Characklis, Dr. Ira D. Gruber, Mrs. David Hannah, Jr., Chairman; Mr. Ray Law, Mr. Raymond Schlight, Mr. Frank B. Ryan, and Mr. Troy F. Squires, was appointed by President Hackerman in October, 1975. The charge to this Committee was to review Rice's current program of intercollegiate athletics and to recommend appropriate, to make recommendations for change. The Committee met on several occasions during the last half of November through April. An open meeting was held on March 15 and all members of the Rice community were invited to attend and express their opinions on the intercollegiate athletic program.

The Committee for the Review of Intercollegiate Athletics carefully considered the intercollegiate program at Rice University. The Committee believes that the athletic program is valuable to Rice, and therefore did not consider the abolition of intercollegiate athletics. The Committee feels this matter, a significant alteration in the level at which Rice teams now compete. The financial and potential consequences of such a decision weigh a large number of students and alumni together. The public relations and media value of the athletic program is obvious, especially in terms of increasing the visibility of the University. This belief is supported by University officials and members of the Rice community by large.

Although the President requested the Select Committee to make an objective conclusion of what influence intercollegiate athletics has been, is and can be, at Rice, none of our recommendations can be called objective. We found that in studying such a complex and ambiguous topic, questions could not be dealt with on strictly practical grounds. The committee's task was to present all sides, and recommendations—no matter how practical sounding—had to be grounded in particular philosophical viewpoints. The report could not be separated from the philosophical, hence, a completely practical report, dealing only in facts and figures, in forwarding each recommendation, is an effort, an amalgam of the opinions of the majority.

I. Administration/Organization: The Committee recognizes many problems related to planning and problem-solving in the University's intercollegiate athletics program. The present administrative structure is not an efficient place. Policy guidelines are compromised by ad hoc approach to the athletic program; efficiency suffers.

Recommendations:

a. The Committee on Intercollegiate Athletics should be strengthened. The Committee should be involved in policy making.

b. High quality faculty ought to continue to serve as members of the Committee on Intercollegiate Athletics, and a balance which fairly represents the concerned segments of the University community should be maintained.

c. Two students should be included as voting members of the Committee on Intercollegiate Athletics.

d. The Committee on Intercollegiate Athletics should be responsible directly to the President.

e. The chief administrative officer of the Department of Athletics should be given complete authority to act as chief executive officer of the Department and should have responsibility for all operations, within policy and budgetary guidelines determined by the President and the Committee on Intercollegiate Athletics.

f. The authority within the Department of Athletics and between the Department of Athletics and Athletics as a whole should be codified.

g. The Committee on Intercollegiate Athletics should form competitive teams including football, track, and others with annual number of teams.

At the present time, the Department of Athletics should not be combined with the Department of Health and Physical Education into a single department.

II. Psychological and Social Effects of Athletic Participation on Students: In past years Rice athletes have experienced separation from other Rice students in course majors, in housing, meal taking, and recreation activities. This has been the case, has interfered with the students, especially in terms of academic progress, of many professors and other students toward the plight of the athlete.

Recommendations:

a. The Committee understands that the athlete is in general, less well-prepared for the academic rigors of Rice than the non-athlete. The Committee recommends that the Department of Athletics and Rice University seek the best-qualified student-athletes for admission to Rice University; and these applicants should be reviewed and selected by the Admissions Committee as are other prospective students with exceptional talents.

b. Rice must provide its athletes with an environment that, in view of their athletic endeavors while at Rice and their future responsibilities, is appropriate, to make recommendations for change. We recommend that the Rice Community and the Rice student-athletes for application for financial support, and at present football is not producing sufficient revenue.

c. The Athletic Department should be financially self-sufficient. A recommendation that the Department work closely with the Rice parents is not available to all Rice students.

d. The Academic Department should be financially self-sufficient. A recommendation that the Department work closely with the Rice parents is not available to all Rice students.

e. The select Committee on Intercollegiate Athletics at Rice University is a serious financial drain of proportionate size, the University's present financial condition, the annual deficit of the athletic program is a serious financial drain. All sports must be considered in the context of the Rice needed for student athletic support, and at present football is not producing sufficient revenue.

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Recommendations:

a. The Committee recommends that the Athletic Department be directly administered by the President of the University. The Department does not have a separate administrative officer.

b. Women should be provided with a mechanism for alternative to competitive events; should be provided with separate locker room facilities, permanent as well as portable, which will be of all cases no lower quality than those provided for their male counterparts.

c. Rice students who are members of the Academic Department does not receive a disproportionate share of the University's financial support. This is also considering the University's present financial condition, the annual deficit of the athletic program is a serious financial drain. All sports must be considered in the context of the Rice needed for student athletic support, and at present football is not producing sufficient revenue.

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Mob readies for more entertainment

by Cindy Childress

The Marching Owl Band, better known as the MOB, is now preparing for another season of entertainment. To find out the current state of the MOB and what motivates people to make fools of themselves at halftime, I sought out band director Bert Roth.

"We honestly believe in what we do," said Bert, "and we do what we do for three basic reasons:"

"First, we do it for the band students themselves. It serves as an outlet for their frustrations, to dispel tensions, etc. Also, the band monies basically go back to the students themselves at halftime, I suppose."

"Second, it's an outlet for the student body. They aren't actual participants, but they're still part of us, and we're part of them."

"Finally, we hope to add something to the athletic events. Our function there is to be supportive of their endeavors - we always have supported them. We play outside the locker room during practice to show them this. We're behind them 100% and will always be."

Even a supportive group like the MOB likes to be supported, to know their labors aren't in vain.

"We can only exist if the student body is with us," Roth went on, "and sticks with us."

"Occasionally, we have a spark of real genius. Sometimes our shows are good. Sometimes we bomb. But we've never knowingly been vicious or behaved in a cruel or vicious manner."

"Some of what was lost is irreplacable-old music, stuff we arranged ourselves, some written by an alumnus who's now dead-all lost. We didn't whimper or whine, we just tried to get help, and we're still getting it."

"Occasionally, we have a spark of real genius. Sometimes our shows are good. Sometimes we bomb. But we've never knowingly been vicious or behaved in a cruel or vicious manner."

"We won't go to TCU but the flood hurt us bad—we can't afford to go to any away games. We have the one at Rice Stadium against U of H. That means no Aggie harrassing, at least until next year, when we'll be in the home team."

"We'll try really hard to stay out of trouble this year, of course, this isn't saying that we will. Sometimes the audience just doesn't understand us. Sometimes they understand us too well.

"Second, it's an outlet for the student body. They aren't actual participants, but they're still part of us, and we're part of them."

"Finally, we hope to add something to the athletic events. Our function there is to be supportive of their endeavors - we always have supported them. We play outside the locker room during practice to show them this. We're behind them 100% and will always be."

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"The MOB readies for more entertainment..."
Lynn discusses views on past, future of ICAS

by FRANK DUCA

In August of 1971, M. Stuart Lynn left his office as Director of the IBM Houston Scientific Center and walked into the directorship of a new computer facility that was in danger of becoming economically unprofitable. Lynn had been convinced that Rice University owned a Burroughs 5000 computer system which was incapable of handling the computing which Rice would come to expect. Lynn now desired that ICAS would exist in the environment which it now supports.

The IBM 5000 computer was financed through a new obsolete department of the National Science Foundation. When the NSF subsidy ended, Rice found itself with a computer center that was functionally capable of supporting the required usage, and a computer center which was financially incapable of continuing. By means of a thorough evaluation of the staff at ICAS evaluated machinery and computer requirement, a decision was reached to purchase the IBM 370/155 system through a loan from the Board of Governors. Lynn also instituted a cost-recovery system, a system which is still in operation now and allows ICAS to operate without a deficit.

The transition period of one year was allowed in order to connect the new system to the users and to the more complex 155 from the 5000. In August 1972 the system was brought on-line in a configuration with 1 megabyte of memory, and four IBM model 3330 disk drive storage units. The system was operational at the time of the newest release of IBM's OS/MVT. Through a long process of hardware procurements, the system is now a multi-user system which now configures 6 megabytes of enhanced memory, and fourteen 3330 disk drives.

The evolution of an ICAS computing system occurred through a long process of frustrating steps whereby upgrades were made as funds became available. When it became apparent that the usage had exceeded the nominal software system capacity of the machines, ICAS committed itself to converting the model 155 to a model 155-21, a system which would include 2 megabytes of virtual storage support. This concept was that the computer would "think" that it had access to sixteen megabytes of memory, when in actuality, this memory was stored on seven mass storage disk units. The IBM Dynamic Address Translation (adulteriously called the DAT box) was installed in December 1974.

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2300 Westheimer

Paving the way to conversion to OS/VS — Operating System/Virtual Storage, known as OS/VS. Once more megabyte of core was installed in April 1975, bringing the system's total memory capacity to two megabytes.

In August 1975, the big step was taken. The load-on and load-on, after a year of dedicated work by the ICAS staff, and after a year of waiting, the users. At the present time, ICAS is busy going about its neverending task of providing the service which the University demands, and this is not an easy or straightforward task. Money, the root of all, is the major problem. Considering the 8% per annum inflation at ICAS, and the corresponding 2% per annum funding increase by the University, one would think that ICAS would be in trouble. In actuality, they are not, and operate in the black. The cost-recovery system whereby the center charges fixed prices to all users for services as measured in discrete units has paid off. Users are making better use of their facilities, and there is no deficit. But, considering the size of the University and the amount of computing usage, it is costing ICAS more to operate on a proportionate scale than it is for large institutions.

Dr. Lynn considers success against these kinds of odds as a real accomplishment, dedicated very enthusiastic staff and a group of equally eager users. He feels that ICAS exists mainly because of this kind of support, and feels that the kind of commitment which the Board of Governors made when the loan from the Endowment was granted for the acquisition is indicative of the mood here at Rice.

Presently, Rice University demands only about 44% of the capacity which ICAS can provide. The remainder is consumed by outside users, and the notion of converting the Model 155 to a Model 155-32, a larger and larger share, ICAS plans to meet the demand. Enrollment in computer courses is up as much as a 30% yet funding for these courses is the same as last year. Lynn feels that there is no need to worry, but stressed the fact that "computers are a finite resource," although at some times their power seems unlimited. Students should make attempts to minimize their resource demands and still achieve the level of excellence which they require, he pointed out.

Future plans and desires at ICAS are varied and endless. Commonly using the word "frustrating", Lynn described the course of action which ICAS hopes to proceed along in the next three to five years. The attitude at ICAS is that the current configuration is not fully utilized, and that there is a demand for ICAS system performance which can take place within the environment which is currently available. Due to the fact that this is a "demand computing" system, e.g., jobs are not scheduled, the system must be ready at any time to handle a load. There are peaks and valleys of which the operations staff can control, but not unlike the last: last days, end of semesters, etc. A recent constraint which the ICAS system must overcome is the requirement of a diverse constituency. The variety of usage is almost endless, and the staff there must satisfy all their users.

The hardest and most frustrating thing is to have to assign all the important projects a priority," commented Lynn when asked about future projects in the works. He cited that more access to time-sharing, better facilities for students to work and consult in, and improvement in system performance and user services were high on the list of desires of the ICAS staff. User education and installation of peripheral printers and job inquiry stations are also high priority tasks, but there is only so much space in Herman Brown Hall and so much the staff can do in one year. Dr. Lynn felt that the "hands-on" printer "needs to be tried" but regrets there is no place for it now. He echoed the same sentiments about the student job inquiry system, adding: "it just involves a large amount of staff programming to implement, and we feel that upgrading system performance (currently in progress) is more important.

In regards to system expansion, there is no foreseeable change anticipated in operating system. There will be, however, an increase in the number of user software packages available to users. Hardware expansion will not be major, given the current market on mainframe and mainframe processors. Load levelling, or taking the peaks out of usage, will be attempted in order to better utilize system capacity. User terminal areas will be upgraded so the renovation of the summer, more is planned there) with the addition of five new writer terminals, and a TeleRay CRT display station. The Teletypes currently in room 6 will be farmed out to colleges, and a method for doing this is being planned by ICAS through the SA. Two TTY's will remain, for the sake of compatibility. Looking back on his five years here, Dr. Lynn feels that great strides have been made in satisfying an increasing demand, for computing power and diversity here at Rice. He feels that although ICAS is confronted with the usual University restraints of money and staff, system upgrades will continue, against the range of frustration. Ideas are already being conceived about the possibility of someday having to buy time from a member of EDUCOM, the computer system network of which Rice is a member on the Planning Council of Higher Education and Research. Student awareness and feedback are high on Dr. Lynn's planning chart, and he encourages students to drop in and chat with him or any other members of the staff about the needs, desires, or comments. You might even consider a compliment.

When you camp out at ICAS near the end of this semester, keep in mind how things could have been, and how they were. Also keep in mind how sincere the ICAS staff are when you complain about performance, and then sit back and be impressed. Much of the responsibility of a responsive system is yours. Look at the ICAS staff, and be surprised to find it's more than you're accepting.

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Hazing: A view of Rice's dim past

It sometimes seems that to be officially registered at Rice one has to sign a myriad of agreements and bonds in which one promises to be responsible for everything he does or touches while here. Among those official papers is a small card to be signed before entry which explains that hazing and fraternities are forbidden at Rice. The intention is to make Freshmen feel welcome and comfortable in their new environment, which is a good idea. But is was not always like this. Let me take you way back to the school year 1948-49 when an organization calling itself the Freshman Guidance Committee put out its annual Freshman Guidance Program. Keep in mind that the rule forbidding hazing of any sorts followed and probably came about at this time.

For one am glad that we have come a long way since those days of two-faced concern and junior-high tactics. And so now I present a part of the Rice heritage that has been in the back of the files for a while.

Introduction

TO ALL FRESHMEN:

We want to extend to you a hearty welcome to Rice Institute and wish you all the luck and happiness in the world. In order to see that and try to help you form a well organized and well rounded class, which will someday lead Rice, we put before you the Freshman Guidance Program as outlined for this year. We who are working with you have tried and will try hard to help you in our program, and we sincerely hope you all will get behind us and what we are trying to do for you. We hope you will give us suggestions. We promise we will do our best.

Lots of luck to you Rice Freshmen.

Sincerely,

Freshman Guidance Committee

Freshman Guidance Program
1948-49

The following regulations are to be followed by all incoming Freshmen of 1948 to the Rice Institute, including dormitory and town boys. A separate list of regulations will be printed for the girl Freshmen. These are the basic rules, but additions will be made during the period of Freshman Guidance.

1. Slime caps will be worn at all times (downtown, dances, and from classes, etc.) but not inside the Mess Hall or during classes.
2. Every Friday until 1 o'clock, red suspenders and green bow ties approved by your Section Leader will be worn.
3. All dormitory boys will attend Monday night meetings at 7:00 P.M. at their designated places—there will be no exceptions to this rule.
4. All Freshmen will sit in the same section at the home football games.
5. Haircuts will be prohibited for all boys until Thanksgiving.
6. Freshmen will not smoke cigars and pipes—cigarettes only.
7. All Freshmen will be required to speak to all people on the campus or anywhere Rice students come into contact.
8. Dormitory Freshmen will be required to make mail runs every night.
9. All Freshmen will be required to participate in the following activities:
   A. Slime parade
   B. Tug-of-War—Sophomores vs. Freshmen
   C. Shoe Scramble
   D. Forestry 100
   E. Pep rallies and song sessions
10. All Freshmen will be required to learn all school songs and also all information handed to them about the Rice Institute.
11. All Freshmen will be required to turn into the Freshman Guidance Committee a list of 400 signatures of other Freshmen in their class. This will be required two weeks following registration—the deadline being 7:00 P.M. on Monday, Oct. 4.
12. All Freshmen will carry matches at all times for the benefit of Upperclassmen.
13. All Freshmen will study carefully and become familiar with information contained on pages 1-4 of the Rice Institute Catalogue concerning the Architecture, History, Construction, etc., of the Rice Institute.

The foregoing is just the written part. We are carrying through several letters to the editor from way back then, I learned that there were a few additional pasttimes engaged in by upperclassmen at the expense of Freshmen. Among them was a procedure called "brooming" in which a Freshman passed between two lines of upperclassmen and received a series of broom whippings on his back. Some other phrases mentioned in one of the letters were "buttoning up" and "holding up the wall." I will leave the exact procedure these phrases entailed up to your imagination.

Although instances of severe physical hazing were rare, instances of "personal humiliation" must not have been. I quote from a letter written by someone associated with the Student Council back then, whose signature is illegible: "As set up purposely, the By-Law makes no mention of physical hazing or personal humiliation or the like, but leaves the means of accomplishing the purpose up to the discretion of the Student Council as it approves or disapproves the plan of the (Freshman Guidance) Committee each year." But this is nothing compared to another letter to the Editor, from a Freshman no less. I quote: "Our contacts with physical hazing, though they stung like hell, made us weak as discharges at the time, did no permanent damage and actually unified us as nothing else would." Unified! That one's head must have been unfixed to his butt, if I may editorialize a bit.

But, like most bad ideas, hazing, or Freshman Guidance or whatever sugar coat name you give it, just faded away. And I'm glad. Because we got a good thing going now. And there just ain't no comparison between a slime cap and a Freshman Week Casino Party. Excelsior!
Over crowding . . .

(Continued from page 1)

Baker College has 231 students comprised into living space normally occupied by 201. In addition, they have seven transfers waiting for rooms.

College secretaries indicate that there are spaces for a total of 571 new students on campus this year, ranging from 63 in Brown College to 77 in Lovett. Because of the manner in which their rooms were designed, Brown, Jones, and Lovett do not overcrowd; the larger rooms, lack of built-ins and the presence of four-man suites in other colleges lend themselves more easily to conversion to extra bed space. Weiss and Richardson were able to expand their available space only marginally; Richardson converted single rooms to doubles, and Weiss crowded 6 freshmen into 2 double rooms.

The admissions office was notified in the spring of the number of spaces available to new students in each college according to Professor Neil Havens, Chairman of the College Masters and Presidents' Committee. However, the President's office, not the committee, determines the size of the undergraduate student body, with the Admissions office regulating the number of new students to meet these figures.

Last year, a private memorandum from Provost Frank Vandiver suggested that Rice admit an additional 500 students to the undergraduate student body as a partial solution to an impending financial crisis facing the University. (The memorandum, of course, was not adopted.)

This year, 1,024 freshmen and 161 transfers were offered admission to the University. 630 freshmen, 106 transfers, and 45 athletes accepted and enrolled for a total of 781 new students this year. This is an apparent increase of 31 over the 747 new students enrolled last year. However, Stabell says that this is a relatively stable figure since a target number of new students cannot be reached exactly, because of factors such as attrition and not knowing exactly how many will accept Rice's offer of admission.

Havens noted that demand for assignment to coed colleges was greater than ever before, saying that with the number of students requesting such accommodations who didn't get them, "we could have filled another coed college.

However, construction of a new structure, if begun now, would not be completed for three years. driveway predicts that the demand for on-campus housing is going to increase as the new students move in. The neighborhoods surrounding Rice continue to rise in value.

It is interesting to note that while prices have inflated dramatically over the past ten years, the price of Rice rooms for board and house has not exceeded the pace of inflation. The Consumer Price Index for apartments in "non-inflationary" 1960, was for a one-room apartment within $100 of what students were charged in 1965, when tuition was first instituted. In 1965, room and board cost was $965, equivalent to $1012 "constant" dollars. Last year, $1697 was charged, or $1052 "constant" dollars.

The energy costs of on-campus housing is going to attract more students as time goes on. Whether this need for more room will require the construction of a new college is a matter of opinion. The bureaucrats say that they are not significantly greater than this year's admissions were not significantly greater than last year.

As incredible as these increases may seem, they pale in comparison to rates in other parts of the country. Currently, New England pays four and a half times as much (for electricity) as we do. It seems only a matter of time before all or part of that rate structure reaches the Southwest.

Four of a half times $1.5 million seems to indicate some potentially severe problems for the University, since the University is in the late stages, but which is in the late planning stages, and which has not yet been set for bids, should be operational within the next two years, says Mrs. Kendrick, and will permit much closer control of temperature and humidity conditions around the University.

As often as I dial 512-492-3131 and he answers--"champ," however I have yet to see him sing, do you think I could get an invite to the next one? For preliminary information on the next one, call 2247 University near the university.

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Health Service . . .

(Continued from page 1)

The following methods of treatment are also available to Rice students with presentation of their Rice ID:

1. For emergencies the student should be taken to the Hermann Hospital Emergency Room. Depending on the degree of seriousness an ambulance should be called (Houston fire Department, 222-3434), Campus Police alerted (524-6194 or campus extension 3333), and the Student Health Service informed if the emergency occurs during normal clinic hours (extension 4968 or 2226). Upon arrival at the emergency room a $20 emergency room fee must be paid, and the student's Rice ID presented.

A student desiring treatment of a chronic problem or wishing to see a specialist, such as a gynecologist or allergist, should go to the Student Health Service to have the nurse arrange an appointment at the proper clinic at Hermann Hospital. The nurse has a schedule of he days and hours the various clinics are held. She will schedule a day and approximate time for the student to go to the clinic, however specific appointment times are not set. He should arrive an hour before the clinic is scheduled to start to fill out registration forms and present his Rice ID and receive his Hermann Hospital ID which should be presented at all subsequent visits. A charge of $5 for any clinic will be made as well as charges for any additional tests, etc. The clinics will be moving in November, at which time they will expand.

2. Making contact lenses at a cost of $100 for the first pair of hard lenses, $40 for hard lens replacements, and $200 for soft lenses.

Bonnie Heliums, Director of Student Health Service, realizes that the transition from having a doctor on campus to having a first aid station "has been rough" and hopes "it all smooths out in a couple of weeks." She added that several group plans are under investigation for implementation later in the year.

She invites students with questions concerning the new program to come by her office to clarify any questions they may have concerning the plan.

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CONTINENTAL AIRLINES
The Proud Bird with the Golden Tail
thursday the second
7pm. Alley Theatre. Lola Montes. $2.
7pm. SH207. Rice Sailing Club meeting.
7pm. Weight Room, Gym. Wrestling Club organizational meeting.
7:30-10pm. RMC patio. Rice Democratic Caucus meeting and beer bash.
7:30pm. Media Center. The New Land (Jan Troell, 1974). $1.50.
7:30pm. Lovett Commons. RAMAS organizational meeting.
7:30pm. SH303. Rice Libertarian Association organizational meeting.
7:30pm. University Center, Spindletop Room, U of H. Pyramid Zen Society begins its weekly meetings.
9:30pm. Alley. Lola Montes. $2.

friday the third
5pm. Final registration forms due in the Registrar's office. If you haven't picked up the necessary red tape, it's available in your College Office.
7pm. Alley. Lola Montes. $2.
7:30pm. HI. Will Rice College film: Zardoz with Sean Connery, 50¢; DKA approved.
8pm. Autry House. Flamenco music, presented by the Guitar Society of Houston. Free.
9:30pm. Alley. Lola Montes. $2.
10pm. Hamma. Zardoz. 50¢.
10pm. Media Center. Who's Knocking/Noise.
One dollar, fifty cents.

saturday the fourth
7pm. Alley. Cover Girl. $2.
7:30pm. Media Center. Of Human Bondage (Cromwell, 1934). With Bette Davis. $1.50.
7pm. Alley. Lola Montes. $2.
7pm. Hamma. Zardoz. 50¢.
7pm. Media Center. Who's Knocking/Noise.
One dollar, fifty cents.

midweek events
Thursday
No event.

Friday
Machado Tom is pleased to announce his marriage this Saturday (5:30pm) to a certain TRG, to be held in the Lovett Commons. Poolside reception afterwards at Dr. Hackerman's. All interested callers invited. Rabbi Oral (Hygiene) Roberts, officiating.

Success! Machado Tom is pleased to announce his marriage this Saturday (5:30pm) to a certain TRG, to be held in the Lovett Commons. Poolside reception afterwards at Dr. Hackerman's. All interested callers invited. Rabbi Oral (Hygiene) Roberts, officiating.

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