Rice space scientists lose in space while colleagues pursue star trek

Rice space scientists have detected a possible new energy source being released by the remnants of a star which exploded nearly a thousand years ago.

The discovery of gamma rays streaming from the star, called the Crab Nebula, is a startling breakthrough in astrophysics, since for the first time scientists have confirmed that a stellar object is emitting gamma rays.

Dr. Robert Haymes, associate professor of Space Sciences, said the observation has cast serious doubt on all present theories of the nature of this energy source.

Special Telescope

The radiation was observed during a project financed by a grant from the Air Force Office of Scientific Research, and used telescopes located above the west Texas plains by giant balloons 65 stories tall. The Crab Nebula is a remnant of a star which exploded at some time in the past. The X-ray radiation is detected from the center of the Milky Way, this would be in evidence to support such a theory.

While in Australia the scientists will also gather data on Scorpius X-1, the brighten known X-ray source, and from Eta Carinae, a controversial body which appears to have been a star which exploded around 1841.

In more earthly pursuits, a project headed by Dr. G. King Walters will involve detection of the emission from a rare isotope of helium suspected to exist in certain regions of the sky. The scientists plan to use the 140-foot radio telescope of the National Radio Observatory in Green Bank, West Virginia. Dr. A. Blackwell, chairman of science facilities, and staff members J. L. Halpin will design and construct a unique high-sensitivity radio receiver for use in conjunction with this project.

Formation of Universe

"Even though it is a rare isotope, it is thought to have played a vital role in the formation and evolution of the universe," Dr. Walters said. "But there is very little astronomical evidence to date regarding its cosmological abundance."

On the home front, Dr. Frank Low has been awarded the 1969 Hubble Prize for Astronomy for his invention of an infrared measuring device. The detector is designed to measure wavelengths between those of optical and radio astronomy; until Low's work, no such device existed.

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The struggle with stress

One of the many unresolved questions surrounding recent events at Rice has been the extent to which his mental anxieties were exaggerated or the response to the social and psychological climate of Rice. A satisfactory answer to such a question will move us one step nearer to understanding the issues behind the tragedy and of an unsuccessful attempt (on the same day) by a Hanszen freshman to kill himself by swallowing sleeping pills, and then by slashing his wrists.

By college, isn't any exclusive patent on academic and social pressures which are common to all exchange age college curriculums. According to Science Digest, one of ten students aged 17 to 21 is said to have psychological problems sufficiently severe to interfere with college work; two of every 1000 will have a nervous breakdown; 100 will be inebriates; and 9800 will attempt suicide and fail; 6000 will wish to do so.

And, alarming as these figures are, they may be too conservative, since information on such incidents is often withheld by the colleges, who describe them as "accidents"—referring to the social and emotional problems.

An attempting suicide can occur for multitudinous reasons, many completely unrelated to the university environment. Yet such an attempt usually occurs in the face of immense pressure from an enormous variety of personal circumstances, which are not to be underestimated. The almost overwhelming quest for the grand ideal of the future can create an acutely per- sistent anxiety which may well lead to an over-increasing desire for knowledge; the continuous competition for admission to top-notch graduate schools; the multi-frontal assault on the student with an inordinate number of emotional and emotional emotional problems.

The psychological counseling service, in its present state of affairs, is highly inadequate, a fact which can be attributed as much to the students who refuse to seek it out as to the Rice administration and faculty when called upon to recognize the overwhelming social needs of the Rice student. Concessions must be made from both parties to assure that the proper atmosphere for instigating change is provided.

First, a greater outflow of funds is needed, so that Rice can hire skilled social psychologists and, ideally, its own psychiatrist. Dean Pfleiffer mentioned to us that the costs of maintaining a psychiatrist—roughly a yearly salary equivalent to that of two full professors—and yet we question ourselves whether truly a top-notch man might not be worth the investment in terms of realizing a healthier mental attitude among the students.

More and better-equipped office facilities are needed, and here the Rice administration has a major pro- gram: the creation of a staff of psychologists who are skilled and readily ac- cessible persons with whom to discuss anything that happens to be at hand. Skilled personnel could perhaps recognize inceptient problems, judge the need for help, and possibly chide the college counselor, could refer the student to sources where he could receive more thorough treatment.

We feel that the key to a successful psychologi- cal program lies in creating this feeling of "safety"—which was lacking when the services were maintained off-campus and apparently not available to the students. The creation of such a campus-wide service also demands a larger staff, a larger expenditure, and yet does demand visible "results" for such an investment in such an "extraordinary" with varying degrees of displeasure.

However, if Rice seeks to maintain even the pretense of being a first-rate university, it must consider the psychological well-being of its students. If the establishment of the psychological counseling service we have suggested could prevent even most of the current incident as tragic as the two we suffered last but actually we should "consider" its value inexpensively—PAG

The trouble with stress

The following letter was re-

ceived by the Thrasher from Dr. Lawrence J. Cassard, who ap- preciates the following explanation: "It is rare for me, as a psychiatrist, to speak out publicly, however, I feel, however, that it is extremely important to give to students whatever information may prevent 'even' a single such tragedy. For this I may elicit my own professional clock of anonymity."—Ed.

To the Editor:

By now everyone has heard about, reacted to, and conjectured about the tragedy of a student who attempted suicide in mid-January, one "successfully," the other with terrible immediate consequences at the present writing.

At this time I have no more specific knowledge about those suicide attempts than the fact that they occurred. Some of you who, indeed, were in contact with these two counselors may prevent 'even' a single such tragedy. For this I may elicit my own professional clock of anonymity."—Ed.

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Puccini fans thrilled to production of "Lescaut"

By BOB CARVER

The underground movie scene has been expanding at Rice University.

In late January, the Baker Cabinet

appropriated $200 as a start toward supporting underground film productions on the campus.

With this initial sum, the Baker College Film Workshop was born, under the directorship of Bob Curver, interviewee above, who joined the fledgling organization.

The workshop has already had a successful season of three weekly screening sessions.

The next screening will be held February 10.

In the late fall of last year, Curver wrote an original screenplay on a James Michener novel titled "KUHI.

The screenplay was formatted and submitted to the University as part of the Reactor's Film Festival.

The film was shot on a total of $200, with the aid of elaborate printing and sound synchronization.

But, as time went on, help materialized from the Rice drama program, and there was a happy event for Houston theater-goers.

The most recent production was "The Critic Sees," a novel into a movie, in his essay which is entitled "Cowboy Movies, Myths & Realities.

In the film's musical score, the truly excellent playing else-

where in the world includes Charles Munch.

The shepherd School of Music sponsored this recital, and the music of Charles Munch.

This did not, however, exclude the possibility of some vocal excitement, which was there in abundance for the duets with Lescaut and Des Grieux.

She received the 1974 Aga Khan Award for Music, in the United States, for her performance of "Symphonic Fantasia" by the Houston Symphony under the direction of Charles Munch.

In this day of the "perfect" (edited and overdubbed) record, the performance was unadorned by any technical refinements.

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Higher education faces tough year as war costs climb, money freezes

WASHINGTON (CPS)—With the rising costs of the Vietnam war, a surging mood of conservatism in Congress, and the possibility of further administrative fund freezes, federal programs for higher education face another tough year in 1968.

This forecast is particularly gloomy since present higher education programs may be short of what educators say is needed by colleges and universities.

Educators cite the war in Vietnam as the primary reason why 1968 will be no better than 1967. And as long as the war continues at the present level, education officials hold little hope for major new education programs on the federal level or adequate funding for the existing ones.

However, these educators also emphasize that all federal programs—not just those for higher education—are suffering in the war.

Most of the negative action for higher education involved cutbacks in existing programs. The cuts were approved in everything from fellowship programs to research.

The Office of Education failed to get a budget increase for the first time in 10 years. And when President Johnson returned to the D.C. hearing, he had heard federal funding cuts to right inflation, educational program reductions were even more.

In the area of research, educators said federal research spending will increase by only two percent this year, compared to a 20.8 percent increase in 1967. However, a two per cent increase actually represents a decrease in federal support because of rising costs.

Regarding fellowships, the Office of Education requested a funds cut for college teacher fellowships was cut by $10 million. National Science Foundation fellowships were cut from $5,000 to $3,000, and National Defense Education Act college teacher fellowships were reduced from 6,000 to 3,250. In addition, National Aeronautics and Space Administration traineeships were cut, 1,385 to 75.

Overall, all new government fellowships declined by one-tenth from 1967 to the fiscal 1968 year.

Not all action affecting higher education was negative, however. The bright spot of the 1967 Congressional session was the creation of a $475 million Corporation for Public Broadcasting as a fund-raising agency to finance production of educational public service programs.

But the new broadcasting agency has not started because Congress has failed to appropriate the $9 million in initial funds.

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SPORT PARACHUTE CLUB CAN GO JUMP AS STUDENT SENATE PASSES CHARTER

By LAURA KAPLAN

David Cohen pointed out a number of major weaknesses in the University’s ten-year expansion plan during a discussion of the proposals at the Senate meeting Tuesday night.

He concurred with the Undergraduate Curriculum Committee that too secondarily, a role is assigned to communications departments, which, he said, should be channeled, speech, music, art, and journalism, and extended this criticism to cover undergraduate programs in the liberal arts.

Cohen added that the Senate to make specific suggestions concerning the establishment of a more broadly based communications department.

Classroom Cohen also attacked the plan to build residential housing for graduate students. He noted that the University is already unsatisfactory at keeping a large number of undergraduate on campus, and that the allocation of campus space for campus may be better spent on an additional undergraduate college.

President Charles Shawe noted that there are a good number of room expansion is chiefly in the student building, with the exception of the encouraging the current trend toward co-ed housing in the residential colleges.

Money was allocated to send delegates to two inter-collegiate conference. The first will be held February 16-17 in Austin to discuss the Iowa’s “Role of Women in the University” and the impact on the Individual, featuring Max Lerner, the second is the Southern Area Conference on Educational Reform, in New Orleans, February 22-24, sponsored by the Southern Region of the National Association of Teachers.

Cohen noted that the Senate has been offered a chance to finish the new Lavett college in time for the fall semester. Final plans for the establishment of the college are being postponed until the future, when a status of the institution the construction may fall will be determined.

The transfer of college memberships, the delay might also be extended by delay in the final decision in the other men’s colleges.

Fresno will be assigned to the new college even if it is ready for immediate occupancy in the fall.

Shary announced that the proposed SBB concert with the Beach Boys, the Strawbridge Alarm Clock, and Buffalo Springfield, to be held in conjunction with the U of H at the Field House, is definitely can-celled due to a University regulation forbidding the use of the Field House for such an activity.

He is currently investigating possible changes in this regulation.

Warren Shawe, announced that Stewart West would be appointed head of a committee to establish a University radio station. Shary added that the constitution of the Sport Parachute Club was in good order and suggested that the Senate approve Senate President Rick Donny. Both motions were passed.

A change in next year’s calendar, which includes a 5-day reading period before finals during the fall semester, was announced.

All student election to select editor, resolve amendments, referendum

An all-student election will be held on February 19 to consider election of the Thrasher editor, who will fill the unexpired term of Darrell Hancock; amend the Constitution of the Student Senate; and elect the president, vice-president, and treasurer.

Scholarship fund to be established from Cohn’s gift

An $850,000 bequest from the estate of Arthur Benjamin Cohn will be used by Rice for undergraduate scholarships beginning with the fall of 1968. Income from the gift could ultimately result in the granting of 128 two-year $500 scholarships for each freshman class in the future.

The Arthur B. Cohn Prize will be awarded each year to a student entering freshman solely on the basis of academic merit with no regard to financial need. The recipients will be awarded $250 at the beginning of the academic year.

While the new scholarships are to be awarded for academic achievement, President Kenneth S. Pitzer again called attention to the University’s policy of not denying admission because of a student’s inability to pay tuition. The policy is already admitting students strictly on the basis of academic merit and need and will continue; students will be admitted to the University first and financial need determined secondarily.

The University will continue to depend on state and loan design loans to meet the financial needs of students admitted.
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Knodel's crew faces crucial test

By JACK MURRAY
Thresher Sports Editor

The third phase of the ’67-’68 Rice cage season is underway this week when the highly under-estimated Baylor Bears threshed the Owls in Waco’s converted rodeo arena.

Despite the poor Rice showing, the loss in no manner necessitates the team’s conference standing unfairly to that of “followers”. Baylor, rated last in most pre-season polls, leads the pack by one game—but the Bears will lose a few games around the circuit. free of her remaining nine are to be played on foreign courts, while five of Rice’s contests will be at home. TCU will be the team to beat.

The 16-day examination layoff unquestionably tarnished the polish which Coach Don Knodel imparted to his team earlier in the season. Uberwein was noticeably absent. . . leading scorer Larry Miller hit for only three points. . . the Owls pulled down only 11 first-half rebounds. . . and just prior to the game starting manager Jim Haberak learned that he had been dropped from the team because of grade deficiencies. Only Greg Williams displayed any of the pre-exam spark, and even he was not his usual flashy self as a ball handler.

Fortunately for the Owls, the loss to Baylor was not essentially crucial. No momentum was lost, for with the long break the team had none anyway.

But Saturday afternoon’s televised game with Texas at Austin will be crucial. Rice, with the addition of Don Murr, the 6-8 sophomore post-man who became scholastically eligible this week, has the manpower to beat the Longhorns, if the team regains its vitality, despite the loss of Haberak. Sturr will have to be worked into the rotation gradually, but by his performance the freshman squad last season he demonstrated signs of future conference stardom.

Understandably, Sturr’s brief stint against Baylor Tuesday—his first appearance in a Rice uniform—was something short of spectacular. But he should improve with every game, and his rebounding ability will strengthen considerably the weakest aspect of the Owl court game.

* * *

The most recent former manager of this department predicted in the last issue before semester break that Rice would finish the conference season with a record of 9-5. At the time this forecast seemed just a bit optimistic. . . after all, the football prospects appeared promising after the first four games, too.

At this point it would be most prudent to hide behind the cover of a policy of watchful waiting, at least until the returns are in from Austin. The chances that Knodel’s crew will achieve that record will be good, if they defeat the Longhorns Saturday. Yet such a policy has never been a trademark of this column.

Knodel and Assistant Coach Bo Brickels have done an outstanding job with their material, but it would be almost futile to conjecture that a championship is in the offing for this year. Next year, with Reist, Timmerman, Tendler, Nelson, and possibly Halloran up from the Freshman squad, the story could be different.

We agree with Mr. Turner’s contention that TCU will overtake Baylor and win the league title; but we take issue with his season forecast. Rice should split even in conference play, and will, perhaps, do even better. Much hinges on the outcome of the Texas game.

It should be close, but Texas, with home-court advantage, must be figured to win. Should Rice pull an upset, the scrum will continue; a re-evaluation will be necessary, and watchful waiting may yet turn out to be the best plan.

Meet Boeing

Campus Interviews
Monday, February 5

The many challenging aerospace programs at Boeing provide a dynamic career growth environment. Pick your spot in applied research, design, test, manufacturing, service or facilities engineering, or computer technology. If you desire an advanced degree and qualify, Boeing will help you financially with its Graduate Study Program at leading universities near company facilities.

Visit your college placement office and schedule an interview with the Boeing representative. Boeing is an equal opportunity employer.
Civil—Aryeh Neier, Executive Director of the New York Civil Liberties Union, will discuss "Civil Disobedience and Civil Liberties" at a meeting of the Greater Houston Chapter of the American Civil Liberties Union on Sunday, February 4, 8:30 p.m. at Cohen House. The meeting will open to both students and faculty.

Films—The Sunday Night Film Series of the Jewish Community Center has scheduled "Lord of the Flies" for Sunday, February 4, at 8 p.m. Series tickets are available; information may be obtained by calling Lawrence Honksy at the Center, JA 1-887.

Concert—Recorded performances of Beethoven, Liszt, and Tchaikovsky by the Vienne Philharmonic Orchestra will be presented Friday, February 2, beginning at 2 p.m. in the Fine Arts and Music Room of Fueden Library.

Pollution—"Rice Reports" on KTTR-TV at noon Sunday, February 4, will explore the dilemma of establishing adequate regional standards for air and water pollution control. Professor Arthur Buch of the environmental engineering department will lead the discussion, and it will be joined by Drs. J. Venn Lewis, Jr., and C. H. Ward.

Conservation—Mr. Cornelius Mock, an expert on conservation and habitat rehabilitation, will speak on current questions of pollution control and conservation in the Baker Commons on Wednesday, Feb 7, at 7 p.m. The meeting is presented as part of Baker's "Life Beyond the Hedge" series.

State Department—Mrs. Christine Camp, director of the State Department, will speak to interested students on February 5, 1968, at 11:30 p.m. in the Conference room, 2nd floor, RMC. There will be no scheduled interviews.

Chisholm—Null Harris Associates, member of the Student Discount Service offering a 25% discount to members, will present the Chisholm Strings in a program of Pop and Classical music at 8:30 p.m., February 2, in the music Hall. Tickets are on sale at Jones Hall box office and all Foley's ticket centers.

Radiology—The Museum of Fine Arts will present an exhibition of Rodin's bronzes and selection in Cullinan Hall from 8:30 to 11:30 a.m. and from 2:30 to 5:30 p.m. on February 1 and 2. Admission will be free.

Tournament—Any student interested in participating in this year's Association of College Unions Region 12 sports tournament is asked to contact Tom Van Parys, JA 9-0017, before Monday, February 5, for information.

The tournament, to be held February 20 and 21 in Arlington, Texas, consists of competition in bowling for men and women; men's pocket billiards; men's table tennis; bridge and chess. Regional winners qualify for the national competition to be held during April in various cities across the country.

Lisle — The Lisle Fellowship, an international educational experiment in international and world relations, offers opportunities for students to participate in social service and community development projects with students of all nationalities during the summer in areas such as Washington, D.C., Puerto Rico, Colombia, Denmark, and the Soviet Union. Detailed information on applying for these fellowships, which may be applied toward academic credit, may be obtained from Dr. John E. Parish in 314 Anderson Hall.

Geology — The Department of Geology will offer two tuition-free courses this summer in Meteoritics and Gulf Coast Geology for qualified postdoctoral students, made possible by a National Science Foundation grant providing stipends for qualified participants. Applications, due by March 15, may be obtained from the Geology Department.

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Here are four tips to make your every "hello" a real good buy

1. Long Distance interstate rates are lower all day Saturday and Sunday, and after 7 p.m., each weekday. A special midnight-to-7 a.m. rate is the lowest ever. If you make a phone call by 7 a.m., our two-minute, station-to-station interstate rate and applies to calls dialed directly or to station-to-station calls to direct dialing is not available.

2. The telephone and number you now have can be the same next fall if you plan to return to the same school address. Your vacation rate plan means no delays, no installation charge in the fall. A call to the business office on your return to school puts your phone back in service. And calls during the summer to your school number can be referred to a local or out-of-town number. Call the business office for complete information.

3. If you, or someone you know, has need for special telephone equipment because of a handicap, let us know. We have special telephones for the hard-of-hearing and the blind. We also have telephones that let students confined to bed continue their education via school-to-home communications systems.

4. Don't let us charge you for a call you didn't make. That's not our policy. If you reach a wrong number on a Long Distance call, immediately dial Operator. She'll see that you're not billed for the call. Or if you lose a dime because of a pay station is out of order—report it to the Operator. She'll see that your dime is returned.

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Southwestern Bell
Frenzied furor over foul four letter words

By DARRELL HANCOCK

The student press, once willing to risk administration ire over increasingly critical coverage and editorializing about the old alma mater, has provoked a wave of censorship battles this year with a new issue—the four letter word.

Tulane—in the most widely publicized of three local censorship fights, editor Jeff Howie of the "Tulane Hullabaloo" resigned in mid-December following a reprimand by the school's publication board for printing allegedly obscene material in the paper.

Family sponsoredolding Carter had resigned only a few days earlier, charging that Howie had'said "diseased and obscene journalism" in printing an excerpt from a pamphlet confiscated by the Tulane police early in December on the charge that it contained obscene material.

Howie, who agreed that the passage from the Movement for a Democratic Society "Newsletter" was "unending and filthy," denied that the excerpt was necessary to convey the meaning of the story. He also claimed to have read it to Carter before printing it.

The publication board respondents said that the board did not believe the judgment exercised by the editor in permitting the material to appear was in good taste or in the tradition of good journalism. A "Hullabaloo" editorial signed by Howie responded that the action "accurately reflects the trend of thought among leaders of American journalism today," and specifically charged that "the story could not be accurately and comprehensively reported to readers having no knowledge of the contents of the newsletter or the significance for its verification without quoting part of the "obscene" passage.

Howie concluded later that the Publication Board statement "communicated a lack of respect not only for myself but for any student editor. I seriously doubt that such a statement would have been issued by a faculty member had it been involved in a similar situation."

In early January, faced with more reprimandings of "Hullabaloo" staff members, in sympathy with the editor, the Publications Board voted 15 to urge Howie to reconsider his resignation. The statement expressed "full confidence" in Howie, but it did not reach the earlier depart-

Howie said—Meanwhile, as to the same issue was being de-

bated at the University of Houston, where communications student Ross Strader had received copies of the "Daily Cougar" from the mails two months earlier. The issue contained a four-letter word in a

quote by campus activist Alan Potter.

Strader held that sending the paper through the mails would have been in violation of postal regulations. A student senate resolution protesting the censorship cited other publica-

tions which contain similar lan-
guage and still pass through the mail.

SMU—and in a final related case, SMU president Willie Tate aroused student and fac-

ulty criticism in October when he banned the on-campus sale of an unofficial student-prod-
uced "underground" newspaper—"Notes from the Under-
ground."

The action was taken, according to the chairman of the Fac-
sulty committee, because the paper "used obscenity for obsceni-
ty's sake," contained objection-
able classified advertisements, and was "less than maintain-
ably satisfying."

Tate charged that this inde-

pendent publication was detri-
umental to the best interests of the University and contrary to its purposes.

Within two days, the SMU student senate adopted a reso-

lution expressing disagreement of the decision by an overwel-

ming 24-2 vote margin.

"The paternalistic protection of the banning of controversial material destroys very real op-

portunities for individual de-

evelopment and maturity," the re-

solution stated.

The Senate resolution went on to say that "the question of how intellectually free and open University is, arises when contro-

versial material which can be obtained in book stores outside the University commu-

nity, is unobtainable within."

The SMU student paper edi-

torialized against the presi-
dent's actions, but refrained from quoting from the con-

troversial publication.