

THE ARCHWAY

"Democracy is not a spectator sport" ... Anonymous

Vol. XXXI, No. 3

BRYANT COLLEGE, PROVIDENCE, RHODE ISLAND

Friday, September 25, 1970

New Campus Construction On Schedule



With good fall weather upon us, construction on the new campus is proceeding at a remarkable pace. Many of the planned thirteen dorms are readily recognizable in the foreground. Construction of the "uni-structure" is visible in the left background. The light shaded area in the upper right is the sitework already completed on the gymnasium.

In a recent meeting held with Dr. Lionel Mercier, Chairman of the Building Committee, and Dr. Joseph Hagan, Director of Development and Secretary of the Planning Committee, it was disclosed that construction of the new Bryant College Campus in Smithfield, Rhode Island is currently on schedule. Both gentlemen feel that it is very likely that the entire Bryant community will be able to enter the new campus on schedule—September 1971.

For those unfamiliar with the layout of the new campus, there will be a total of 15 buildings on the campus. These are the 13 dormitories, a gym with a seating capacity of 2700, and the Uni-structure containing the activities rooms, administration offices, dining hall, library, lecture hall, auditorium, classrooms, and faculty offices.

The dormitories are a unique living experience. Each dorm contains 14 suites—four suites on each of the three upper floors and two suites on the lower level. Total capacity for the 13 dorms will be about 1200 resident students. Each suite contains three, two-man bedrooms adjoining a lounge and will include a bathroom facility. At the present time it is believed that a phone will be provided in the lounge of each suite. There will also be television and closed circuit outlets in each suite.

On the lower level of the dorms will be a lounge, meeting room, and a snack bar. The infirmary will be contained in one of the dorms. Completion of the dorms will be accomplished by June 1, 1971.

The gymnasium will have a seating capacity of 2700 with room on the main floor for another 1000. It will be equipped with basketball courts as well as locker and shower facilities and exercise rooms. The bids on construction of the gym will be in next week with construction to begin shortly thereafter.

The Uni-structure is the most unique part of the new campus. It will contain 55 classrooms including 2 science labs and 2 combination lab-lecture halls. It also has special rooms for typing, shorthand, business machine, computer and

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Governor Licht First Speaker At Delta Omega

On October 12, 1970, Delta Omega Professional Society will hold its first dinner-speaker meeting of the school year. The society feels honored to have as its guest speaker Frank Licht, Governor of Rhode Island, who will speak on politics in business.

The Delta Omega Professional Society is primarily a dinner-speaker type organization for business majors. Membership is open to all students at Bryant.

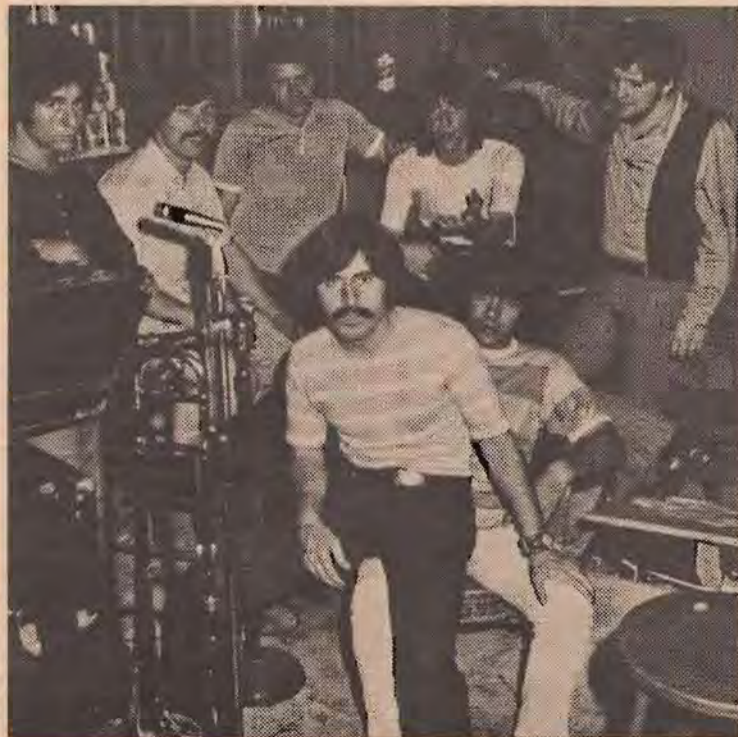
This year, dinners will be held at the Holiday Inn in Seekonk, Massachusetts. Tickets may be purchased from anyone of the following officers and board members at a yearly fee of \$25.00 or on an individual basis at a cost of \$5.00 or

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Delta Sig and AST Hold Musical Happening

Tonight marks the return of the old Greek calendar to Bryant. This return will be marked by Delta Sigma Phi's "Musical Happening" — 1970. The weekend will begin with a dance in the gym featuring the No. 1 group in Rhode Island — Metropolis. Musical Happening Part 2 will be highlighted with a concert by MGM recording stars — The Beacon Street Union.

Both events will begin at 8:00 P.M. and continue until midnight. Tickets are on sale in the union all day today, and will be available at the door. The cost is just 2 dollars for Friday, and 3 dollars for Sat. A combination ticket is available for just \$4.00.



Metropolis, the number one group in Rhode Island, will be featured tonight at 8 p.m. in the gym as a part of Musical Happening.

From The Editor's Desk

A Matter of Conscience

When I first entered Bryant College in the fall of 1967, I had deep feelings about the war in Vietnam. I felt very guilty, guilty that I had not served and was not serving, in Vietnam. I felt that while others were serving and dying for their country, I was enjoying the good life, safe and sound at home. I felt that I was cheating those men and that I personally should do my part to keep America free. I seriously considered re-entering the military service once I had graduated from college.

That was three years ago. In terms of the war in Vietnam, three long, painful, horrible years ago. Today I am of another opinion. Throughout the past three years I have discussed and debated the war numerous times. And while I discussed and debated and defended that war, hundreds and thousands of young Americans DIED!

Very slowly I began to see the futility of it all. It became more and more difficult to defend my position while the number of American casualties rose and rose. Over 43,000 men have now been killed since 1961. Last spring during the student strike I took an even closer look at my own convictions. I found that they just couldn't meet the test as they had in the past; but still I couldn't support the strike and I still defended the war in Vietnam. After that I tried to put the war out of my mind because I felt hopeless and frustrated. It was not until this past summer when I viewed a program presented by members of the U. S. Senate who were dissenting the war that I finally mustered the guts to admit what I had really known for quite some time. I finally admitted to myself that I could no longer remain silent, the time had come for me to face the truth and to admit to that truth that the war in South-east Asia is a criminally tragic waste of human life.

We as a nation must stop sacrificing the flower of our youth in a hopeless and stupid war. We must no longer be so naive as to believe in the cliches. "We must stem the tide of Communism," "America's pride is at stake," and "Damn the torpedoes, full speed ahead". CRAP! Vietnam and a dozen countries added to it are not worth the price we have paid.

I do not wish to be misunderstood. I am not supporting or advocating any form of violence by either students or any group. I still am opposed to student strikes because I do not feel that they are effective in bringing the war to a speedier end.

Once I used to shout, "I am proud to be an American." Now I say it in a whisper. I now say it is un-American to support the war because the war has done more to fragment the United States than any other factor. The war has drained us economically, physically, and spiritually. Heed should be given to the words of President Lincoln who said, "A house divided cannot stand."

Letter:

Once again The New York Times will be made available on the Bryant College campus via the Bookstore.

The on-campus subscription rate will be \$5.50 for 50 issues; i.e., at 11 cents per copy. It will be available as of September 28 and the subscription will run on a five-day-a-week basis through December 9th with the exception of the holidays (November 25-27).

Although the Times will be required reading in some of the Social Science courses, any member of the student body or of the faculty and administration may take advantage of this group subscription rate. The procedure will be to subscribe to the Times at the Bookstore. The last day for subscribing to the paper will be Thursday, Sept. 24th.

Senate Ratifies Finals Proposal

At a crowded meeting held Wednesday, September 16, the Student Senate voted to ratify the final exam proposal submitted by the administration.

Under this proposal, the faculty member would have the final right to decide on the issue of finals. All classes would end on December 16, and a final examination period would run from December 17 through 23. No classes would be held during this exam period, but the faculty member could ask for students to submit additional assignments in place of a required final examination. Classes would resume on January 25.

The other major issue brought before the Senate body was that of the Senate restructuring. Steve Hill presented a basic explanation of the new proposal. Under this plan, the Senate would be composed of two bodies; a legislative body (24 freely elected students) and an executive council consisting of the four officers elected from the student body in entirety, and a Speaker of the Council. It is expected that the Restructuring Committee will make further details available in future Senate Meetings.

Notice

Students subject to cut regulations and who wish excused cuts for the religious holy days, October 1 and 2 and travel time on September 30, may fill request cards in the Dean's Office, Room 1D of South Hall.

Nelson J. Gulski
Dean of the College

THE ARCHWAY

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Federal Narcs Use Dangerous Pesticide On Marijuana Crop

By Floyd Norris

College Press Service

WASHINGTON — (CPS) —The next load of marijuana from the midwest may contain a pesticide which a government commission recommended "should be immediately restricted to prevent risk of human exposure" because it is possible the pesticide causes birth defects.

Under a joint effort of the Bureau of Narcotics and Dangerous Drugs and the Extension Service of the Agricultural Service, farmers throughout the midwest are being urged by County Agents to spray the pesticide 2, 4-D on wild marijuana crops. A major effort is underway in 20 counties in 10 midwestern states, but the program is nationwide, according to George H. Gaffney, Special Assistant to the Director of the BNDD and project officer for the attempt to destroy marijuana.

There has been no research on the effects of 2, 4-D when smoked, as might be done by a person using marijuana which had previously been sprayed with the pesticide. But there has been research on the effect of 2, 4-D when ingested, and that research caused the Commission on Pesticides and their Relationship to Environmental Health (commonly known as the Mrak Commission), which reported to HEW Secretary Robert Finch last December, to recommend that "the use of currently registered pesticides to which humans are exposed and which are found to be teratogenic (cause birth defects) by suitable test procedures in one or more mammalian species should be immediately restricted to prevent risk of human exposure. Such pesticides in

current use include . . . the butyl, isopropyl, and isooctyl esters of 2, 4-D. . . That recommendation sprang from a study by the Bionetics Research Lab which found significant relationships between birth defects and ingestion of 2, 4-D by female mice, hamsters, and chicks. The Commission recommended further research on the other three esters of the pesticide.

The ester of 2, 4-D depends on the substance it is immersed in for spraying. The test results indicate that which ester is used may make a difference in possible dangers from the pesticide, but the campaign being run by the federal government does not mention the possible hazards of various esters.

It is possible that 2, 4-D may be even more dangerous when smoked, according to Dr. Joseph McLaughlin, Jr., a researcher for the Food and Drug Administration and co-chairman of the Mrak Commission's Advisory Panel on Teratogenicity of Pesticides. "If 2, 4-D didn't break down from the heat, and I don't think it would," he says, "it would go directly to your bloodstream from the lungs." Since the stomach's defenses are bypassed, McLaughlin thinks more 2, 4-D will probably get into the bloodstream, thus increasing the danger of birth defects.

Unlike DDT, 2, 4-D does not build up in the body and leaves within a few weeks. Therefore, only pregnant women or women who will become pregnant within a couple of weeks need worry about the possibilities of consuming 2, 4-D.

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LITTLE MAN ON CAMPUS



"YOUR FINAL GRADE WILL BE COMPUTED ON THE BASIS OF THE MEAN SCORES OF TEN 15-POINT QUIZZES AGAINST THE STANDARD DEVIATION OF FOUR MID-TERMS AND THEN CONVERTED TO MY POINT SYSTEM WHICH I WILL THEN CORRELATE WITH AN "X" FACTOR THAT WILL REFLECT ATTITUDES - CLASS PARTICIPATION ---AND--"

"HE MEANS HE'LL FLUNK WHO HE WANTS TO FLUNK."

Dialogues Begin Shortly



The Appleby experiment of last year will return shortly under a new name. In the past these student, faculty, administration get-togethers have been called by different names including the Appleby and Mr. "P's" experiment. Although the success of the dialogues goes to Mr. Piperopoulos and the use of Appleby lounge must be acknowledged, it is felt that a more suitable name is the Student-Administration—Faculty Dialogue or more simply the S.A.F. Dialogue.

For those of you who have never attended any of the past dialogues, a description is necessary. The dialogues are a successful communication link between all members of the Bryant College community. Students, Faculty members, and members of the Administration come together in an informal atmosphere where they may express their views and ideas to each other on any subject. Last year subjects discussed ranged from the power of the Greeks at Bryant to the lack of social life here.

The dialogues will begin again this year Thursday, October 1st, at 3:30 in the Appleby lounge. Refreshments will be provided. As was the case last year, the success of this important form of communication lies with the students. If you have a gripe or just want to know what's happening at Bryant be there.



Children: The Innocent Canaries of our Streets

Dr. Frederic Gerard Burke, Professor of Pediatrics at Georgetown University, Washington, D.C., began his fight for clean air in the early 1960's with testimony before the Senate Subcommittee on Public Works on a bill which in 1963 became the Nation's first Clean Air Act.

He was concerned about the insidious effects of air pollution on children who have some form of allergy: hay fever, eczema, or asthma. He knew some 20 percent of the country's children were plagued in varying degrees by these pulmonary ailments, and he knew U.S. pediatricians spent up to 85 percent of their office time on respiratory diseases. What he didn't know was to what extent air pollution actually complicated and intensified the respiratory suffering experienced by one out of five American children. So he decided to find out.

Dr. Burke was not so concerned with the lethal effects of sensational killer smogs, for these incidents are for the most part well documented. His studies were aimed at the long-term sub-lethal effects of contaminated air on the children he affectionately termed "the canaries of our streets." Children whose chronic respiratory ailments react sensitively to any adverse change in the air they breathe, warning city residents of dangerously contaminated air much like the coalminers' trusted canaries. Children whose affliction, in many cases, may never have been accurately diagnosed except to say they are frail, prone to colds, and for one reason or another unable to attain satisfactory marks in school.

How to gather solid data on the "canaries" daily struggle to breathe various levels of ambient air pollution was a challenge Dr.

Burke did not solve immediately. But a reading of Captain William R. Anderson's *Under the North Pole*—the story of the submarine *Nautilus*—gave him an idea.

Of particular interest were Captain Anderson's (now a Tennessee Congressman) observations on the overall improved health of his crew some 10-15 days after leaving the port of Seattle. Many of the men who had previously suffered from colds, coughs, or respiratory diseases reported "they never felt better in their lives." Perhaps the submarine's controlled environment was the key to studies which could document the statistics so essential in exposing air pollution's effect on pulmonary health.

The idea became reality through a three-year \$340,000 grant from the U. S. Public Health Service's National Air Pollution Control Administration. Dr. Burke's "submarine" was dedicated in February of 1969 as the Environmental Control Center at the Hospital for Sick Children in Washington, D.C. Dr. Robert E. Snell, assistant professor of pediatrics at Georgetown University and Director of Research at the Hospital for Sick Children, is in charge of research at the ECC where Dr. Burke serves as Co-Principal Investigator of Research.

The submarine unit can already duplicate virtually all the physical environmental features of any part of the country through control of barometric pressure, temperature and humidity. Controls still under construction are those regulating the quality of air—content of sulfur dioxide, nitrous oxide, ozone, etc.—which can then simulate

the ambient atmospheric conditions of any city, at any time (such as those occurring during an inversion).

Dr. Burke estimates a three-week stint within the unit will be necessary to produce solid air pollution data. Some 20 chronically asthmatic children at the Hospital for Sick Children have already spent from 2-3 days in the unit, 2-3 at a time, under barometric pressures ranging from sea level to Denver's 5000 feet. With the addition of the control features which will inject various degrees of contaminated air into the unit, the statistical data so essential in documenting air pollution's effect will begin to be recorded. Building trades, according to Dr. Burke, have already expressed interest in the submarine principle which they feel may someday have to be incorporated into business offices.

Dr. Burke's extracurricular activities are not limited to the Environmental Control Center, unique and demanding as it may be. An outgrowth of the ECC is a correlative 3-year federal contract with the Chronic Respiratory Control Program of the Public Health Service (the CRCP has since been eliminated by the Nixon Administration). Now in its final year, this contract has created the Georgetown Pediatric Pulmonary Center in Washington, D.C. (Dr. Burke is Project Director) involving four area hospitals in development of a computer program monitoring pulmonary profiles on some 1000 children in the area. Since the CRCP is now defunct, an application for extension of the Pulmonary Center has been submitted to the Regional Medical

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Broadway Tickets Half-Price

College and high school students may buy tickets to most Broadway shows at half-price, through a special program of the league of New York Theatres.

Upon the presentation of a student I.D. card at theatre boxoffices, student purchasers may buy a maximum of two tickets at precisely half the regular price. This program, which has been in effect since last July and which has been encouragingly received, does not apply to every performance of every Broadway show, however. The student discount tickets are made available by and at the discretion of each show, depending on ticket demand through the regular channels. Shows that are currently doing capacity business, such as "Applause"

and "Hair," are not in a position to offer the discount tickets.

But the majority of Broadway productions, including such established hits as "Promises, Promises," "1776," "Child's Play," "Butterflies Are Free" and "Fiddler on the Roof," are offering the student discount. Students who wish to take advantage of the program are advised to check the individual box-offices in advance, to determine where the discounts are available.

The reduced-price tickets are available both on an advance-sale basis and on the day of performance. Shows that are "previewing" prior to an official opening night, a common procedure in the Broadway theatre today, will also offer student discount tickets.

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Bryant College Cinema Wednesday, September 30

Valley of the Dolls

20th CENTURY-FOX Presents
A MARK ROBSON-DAVID WEISBART PRODUCTION
STARRING BARBARA PARKINS-PATTY DUKE-PAUL BURKE
SHARON TATE-TONY SCOTT-LEE GRANT JOEY BISHOP-GEORGE JESSEL
SUSAN HAYWARD as Helen Lawson
Produced by DAVID WEISBART - Directed by MARK ROBSON - Screenplay by HELEN DEUTSCH and DOROTHY KINGSLEY - Songs by DORY and ANDRE PREVIN
Based on a Book by JACQUELINE SUSANN - DIONNE WARWICK
ORIGINAL SOUND TRACK ALBUM ON 20th CENTURY-FOX RECORDS

Any similarity between any person, living or dead, and the characters portrayed in this film is purely coincidental and not intended.

Letters to the Editor:

Coach Scorns Sports Editorial

Dear Sir:

I feel obliged to comment on the September 18 Sports Editorial by Mr. Robert Criscuolo, Archway Sports Editor. In what purports to be commentary on the Bryant Varsity Athletic program, he mentions the recent successes of the basketball and baseball teams and the "potential powerhouses in soccer, golf, tennis and bowling." Apparently, Mr. Criscuolo is unaware of the existence of the Bryant Cross Country or Track and Field teams, despite the fact that news stories about the Cross Country team, which I submitted, have appeared in each issue of the Archway since he became Sports Editor.

Last season's Track and Field team placed second in the New England N.A.I.A. Championships, 1½ points behind the winner, while earning seven first place awards. Last year's Cross Country team brought the Southern New England Conference Championship trophy to Bryant.

I cordially invite Mr. Criscuolo to attend varsity Cross Country and Track and Field meets in order to acquaint himself with the ENTIRE Bryant Varsity Athletic Program.

Sincerely yours,
Frederick W. Reinhardt
Coach, Cross Country and
Track and Field

Another Hat in the Ring

I would like to announce my candidacy for the office of President of the Senior Class. Due to the fact that I did not complete a petition last spring, I must run as a write-in candidate. I did not have a petition completed last spring because I did not make up my mind to run for the office until this past summer.

This summer, in looking back upon my three years at Bryant and in looking

toward the future, I decided that I must do my best to see that all senior class activities are something of which we can be proud. All too often we have read of the harassment of commencement speakers and of some speakers profanely insulting the audience. I plan to see that this does not happen at Bryant.

Your support and votes are respectfully requested.
William S. Holden

Class Elections: September 30

Class elections for the sophomore, junior, and senior classes will be held on September 30. Freshman class officers will be elected at a later date.

The offices of President, Vice-President, Treasurer, and Secretary will be up for election in each class.

Voting will take place in front of the union between the hours of 9:00 a.m. and 3:30 p.m. All voting will be done by means of computer cards, which will, naturally, be tabulated by the computer.

Those students who completed petitions last year will have their name appear on the ballot. Any students who wish to vote for write-in candidates should do so by taking a blank computer card and writing the name of the candidate of their choice on this card.

The candidates who will have their names on the ballot are: Senior Class; Bill Duarte—President and Don Macaulay—Vice-President. Sophomore Class; Rollo DiOrio and Sam Greco—President, Mike Dresler and Greg Macdonald—Vice-President, Brenda White — Secretary, Clem Silva and Marcia Senk — Treasurer. Junior Class; George McKenna and Steve Diamond — President, Charles Lynch and Ron Allbach—Vice-President, Rick Gobin — Treasurer, and John Westman — Secretary.

Remember . . . elections are Wednesday, September 30, from 9:00 a.m. to 3:30 p.m. in front of the union.

You may demonstrate your concern by being sure that everyone votes.

Information Please

Dr. F. Douglas Hammond has requested that all students who have not completed the "Student Information Card" sent to them during the summer do so by October 2, 1970.

The information on this card will be used in compiling the 1970-1971 Student Directory. Typical of the information on this card is the student's and local address, telephone number, his major, and his classification number.

All students who want to be listed in the Student Directory must hand in the information card by the deadline.

In addition: with the information card, another card, which demonstrates to the Department of Health, Education, and Welfare that Bryant complies with the 1964 Civil Rights Act may be completed. The completion of this card is voluntary, and students should not identify themselves by name when completing this card.

Your cooperation in these matters has been requested by the College.

BUILDING COMMITTEE REORGANIZED

Dr. Harry Evarts, President of Bryant, has announced the restructuring of the Building Committee to include students.

The purpose of this committee will be to (1) Review architects' proposals as to detailed plans and specifications including proposed alternatives. (2) Approve invitations to bid. (3) Review of contractor's bids as analyzed by the architects. (4) Authorize the President and Treasurer to execute construction contracts. (5) Maintain contact with architects during the construction period. (6) Recommend acceptance of completed projects by the College. (7) Consider such other matters as may be associated with the construction of the new campus.

Along with the three students on this committee are three faculty members and members of the administration.

Any student interested in applying for the three openings on the Building Committee should contact the Student Senate or leave their application notice in the Activities office as soon as possible.

Notice

Any student who did not have an I.D. taken this year, can have one taken at the Student Activities Bldg. between the hours 10:45-11:45 and 1:15-2:15 Mon. thru Thurs. 10:45-11:45 Friday the week of Sept. 28. Also pick up I.D.'s that have already been taken.



Beacon Street Union will be featured in a concert Tomorrow night in the gym at 8 p.m.

Campus Radicals Likely To Have Drug Experience

San Francisco, Calif. — (I.P.) — Student campus radicals — the New Left — are the most likely to have had illicit-exotic drug experience, reports Psychologist Richard H. Blum in his new two-volume study, "Students and Drugs," (Jossey-Bass Inc., San Francisco).

"From 1962 until today," he writes, "the most visibly fervent groups on campus have been the New Left, the student radicals whose protests, sit-ins and other forms of political activity have stirred so much interest. Those in the left wing are shown in our survey data to be the most likely students with illicit-exotic drug experience."

And the farther to the left, the more intensive their drug use, Dr. Blum finds. There are some exceptions, he notes, Marxists, for example, are strongly opposed to illicit drug use.

Either way, in any student drug-using group, they are "vitally interested in drugs" and "they can have these drug interests plus a strong admixture of active-left politics, with its emphasis on power sharing (or grabbing), confrontations, and expanded individual freedom (or anarchy)."

But the issue is more complex than that, and there is danger in categorization, the research associate on the survey project notes.

In the first place, Dr. Blum writes, "most students do not appear to be interested in illicit-exotic drug use, the New Left or dropping out. Consequently, any diagnosis of student drug experimentation or activism which says 'students are . . . misses the fact that most students are not.'"

"In the second place, even the students who are activist, drug-oriented or drop-outs are by no means a homogeneous group." These "revolutionaries of the inner world, the drug-oriented," Dr. Blum points out, espouse doctrines that sound like a Christian ser-

mon: "fellowship, love, peace, religious experience, personal expansion, and artistic development."

The ("revolutionaries of the outer world," he writes the activists, espouse goals "which sound like a Presidential campaign speech: peace and international accommodation, freedom at home and abroad, democratic sharing of power, justice and opportunity for all. . . ."

Dr. Blum and his associates, who spent more than eight years on their study surveyed more than 20,000 persons and analyzed research from several other Western countries and cultures. They talked to drug users at five Western colleges and universities and six California high schools and found that the most prevalent use of an illicit drug was the smoking of marijuana. They drew a profile of the typical marijuana-smoker:

More prevalent among students who are older upper-classmen, arts and humanities and social science majors;

Come from wealthy families with one or both parents deceased;

Are either without religious affiliation, or are Jewish, or have no interest in religion, or differ from mother or father's religion;

Find athletics of no importance, (but) do participate and are involved in politics;

Do seek new experience do not participate in activities related to academic or future careers, politically are strongly left or are undergoing political change farther to the left; and are in disagreement with the politics of their parents.

But a follow-up study reveals that as the use of marijuana becomes more prevalent among the majority of students, as it has now on some campuses, users' characteristics are less extreme, so that the portrait of the marijuana experimenter is also the portrait of the average student.

NOMINATION PAPERS FOR
FRESHMAN CLASS ELECTIONS
AVAILABLE IN SENATE
OR
ACTIVITIES OFFICE
SEPTEMBER 28 - OCTOBER 2



Dormitories on the new campus are said to be ahead of schedule. Above, finishing brick is being placed on one of the buildings. Work is expected to be completed by June 1st.

Test Dates Announced for Graduate Record Exams

PRINCETON, N. J. — Educational Testing Service announced today that undergraduates and others preparing to go to graduate school may take the Graduate Record Examinations any of six different test dates during the current academic year.

The first testing date for the GRE is October 24, 1970. Scores from this administration will be reported to the graduate schools about December 1. Students planning to register for the October test date are advised that applications received by ETS after October 6 will incur a \$3.00 late registration fee. After October 9, there is no guarantee that applications for the October test date can be processed.

The other five test dates are December 12, 1970; January 16, February 27, April 24 and June 19, 1971. Equivalent late fee and registration deadlines apply to these dates. Choice of test dates should be determined

by the requirements of graduate schools or fellowships to which one is applying. Scores are usually reported to graduate schools five weeks after a test date.

The Graduate Record Examinations include an Aptitude Test of general scholastic ability and Advanced Tests measuring achievement in 20 major fields of study. Full details and registration forms for the GRE are contained in the 1970-71 GRE Information Bulletin. The Bulletin also contains forms and instructions for requesting transcript service on GRE scores already on file with ETS. This booklet may be available on your campus or may be ordered from: Educational Testing Service, Box 955, Princeton, New Jersey 08540; Educational Testing Service, 1947 Center Street, Berkeley, California 94704; Educational Testing Service, 960 Grove Street, Evanston, Illinois 60201.

Stardusters Seek New Members

The Bryant College Stardusters is a dance band, consisting of fifteen musicians. Music played by the organization ranges from old classics to the latest in jazz and jazz-rock. The group plays for such events as the Greek Weekend Pageants, Christmas parties, and local concerts. This year the band is looking for new musicians. Anyone who can play is eligible to join; however, trombone players, sax players and trumpet players are in special demand. A pianist with a lot of talent is also needed. Rehearsals will be held every Tuesday and Thursday at 7:15 P.M. in room M-7 of Memorial Hall.

Join in on the Fun and Excitement of the Bryant College Band "The Stardusters"

New Campus

(Continued from Page 1) teacher education. There will be a large lecture hall for 200 and an auditorium for 500. It also contains faculty offices for 88, dining room for 800, and a snack bar for 300. In the activities section will be game rooms including bowling alleys. There will also be a social swimming pool and facilities for radio and closed circuit television. Steel work for the Uni-structure is to be completed by December 1st with the remainder of the work to be finished by September.

The campus also features parking facilities for over 2000 cars and numerous intramural sports fields. There are also three other buildings — the Tupper House and a barn — which may be used for any number of purposes including a theater or rathskellar.

Although most of the planning of the campus is already completed there are still a few minor details to be worked out. Details as simple as the placement of laundry facilities in the dorms or the types of shops or stores desired by the students must be decided by the building committee which has been reorganized by Dr. Evarts. Anyone interested in being on this committee should contact the Senate Office. The Archway will continue to keep you informed on the progress of each phase of the new campus with monthly reports.

'Round The Campus

Dr. Evarts and Reuben Abraham will attend the President-to-President Conference (Second Annual) to be held in Washington, D. C., Sept. 25-27 at the Sheraton-Park Hotel. This assembly is brought together by the Association of Student Governments. It is for Presidents of Colleges and Universities and Presidents of Student Governments.

EVENING CLASSES AT BRYANT COLLEGE BEGIN MONDAY, SEPTEMBER 14.

Seventy-seven courses (102 classes) in general education and career subjects are offered this Fall. By special request, Saturday afternoon classes in Data Processing, Mathematics, Law Enforcement I, History of the Modern World and Principles of Sociology are being presented this semester. Approximately 1,800 students are enrolled for evening study, according to Ralph C. Dean, Director of the Evening Division.

The Right Comment

By William S. Holden

Vote At 18?

This October, the Supreme Court will hear a case contesting the constitutionality of the most recent voting rights act; the act which among other things, lowered the voting age throughout the nation to 18.

Since he took office, President Nixon has appointed a new Chief Justice and one Associate Justice to the Supreme Court. He stated that the newly appointed justices had a record of being "strict constructionists." If Chief Justice Burger is in fact a "strict constructionist" he will be compelled to use all his influence to persuade at least four of the Associate Justices to concur with him in finding that the act is unconstitutional.

Article X of the Constitution states, "The powers not delegated to the United States by the Constitution, nor prohibited by it to the States, are reserved to the States respectively, or to the people."

Powers Granted Congress

Nowhere in the Constitution is Congress granted the power of determining voter qualifications. Notwithstanding, there have been two amendments to the Constitution stating that the right to vote may not be abridged on the grounds of race, color, or sex. Note that these amendments dealt not with voter qualifications but with discrimination. Also note that they were amendments to the Constitution, not merely acts of Congress.

The question in point is not the merit of the 18 year old vote (which I shall not dwell upon at this time) but the law according to the Constitution. If the Supreme Court wishes to interpret the Constitution they will find the act unconstitutional. If they wish to legislate new laws, the Supreme Court will uphold the constitutionality of the act.

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FRANKLY SPEAKING

by Phil Frank



Narcs Use Pesticide

(Continued from Page 2)

The U.S. Senate Subcommittee on Energy, Natural Resources, and the Environment, chaired by Senator Philip Hart (D-Mich) recently held hearing on 2, 4-D. Len Bickwit, the Chief Counsel for the Subcommittee, says that testimony developed at the hearings convinces him that "it seems unreasonable to sanction the use of 2, 4-D for any purpose."



When sprayed on Marijuana, the 2, 4-D will cause the dope to turn brown and shrivel, probably within four days to a week. This means it would be entirely possible that the marijuana could be picked and smoked after spraying but before the effects showed.

Since marijuana is generally purchased in small bags in crushed form, it is possible that the purchaser would not be able to tell if the dope had been sprayed even after it had browned.

Once sprayed, the pesticide will stay in the plant for a matter of weeks and in the ground around the plant for up to a year. It will take several years of spraying to totally destroy an area, since some plants will be missed and some seeds stay in the ground for several years before germinating.

Despite the fact that the Food and Drug Administration is currently conducting further tests on the safety of 2, 4-D, Gaffney was not aware of any problem when he was asked if there were any health dangers in using 2, 4-D. He suggested the Department of Agriculture might know more.

Dr. Fred Shirley of the Department of Agriculture stated that the doses used in the animals were "ridiculously high" and that humans therefore have nothing to fear from the relatively small amounts that might be contained in a marijuana plant.

This theory was dismissed by Bickwit, who noted that the dosages have to be large because of the relatively small numbers of animals tested. "If it caus-

ed birth defects in one in 500,000 humans, that would be a great tragedy which should more than justify the banning of it. But such a thing would never show up in tests on 20 rats, unless the dosage were increased."

He also notes that while almost everything is toxic (deadly) in large enough quantities, only 10 percent of the pesticides tested by the Mrak Commission caused birth defects no matter how large the dosage. "Why," he asks, "should we take a chance?"

Environmentalists have long been concerned with the effects of 2, 4-D, and have recommended that it be banned. Testifying before the Hart Subcommittee, Harrison Wellford, of Ralph Nader's Center for the Study of Responsive Law, advocated a suspension in use because of the possibility of birth defects.

Jan Schaeffer, editor of *Environmental Action*, an ecology newsletter which first printed the fact 2, 4-D was being used on marijuana, says that use is "grossly irresponsible. They should ban 2, 4-D, not extend its use to marijuana," she says.

The program to control midwest marijuana also involves asking local people to join together to either pull it up or burn it while still planted. According to Gaffney, this will involve groups such as the Boy Scouts, Rotary, Kiwanis, 4-H clubs and Sports Car Clubs.



The counties with the intensified program are: Henderson and Cook (Illinois); Kosciusko and Jasper (Indiana); Mitchell and Adams (Iowa); Jessamine and Fayette (Kentucky); Berrien and Cass (Michigan); Meeker and Blue Earth (Minnesota); Ray and Andrew (Missouri); Warren and Licking (Ohio); Walworth and Columbia (Wisconsin); and Marchall and Riley (Kansas).

Marijuana was widely, and legally, cultivated during World War II because

a source of rope was needed to replace Manilla Hemp during the Japanese occupation of the Philippines. After the war, it continued growing wild.

One reason it has never been eradicated is that Quail, a popular game bird in the mid-west, like to feed on the wild marijuana. They are particularly challenged, hunters report, because of the erratic way they fly, constantly changing course.

Midwest marijuana has long had a reputation of being very mild, and not very good for getting high. Some dealers have mixed domestic grass with the Mexican variety, selling it as Mexican. It is thus possible that some people who think they are buying imported dope could really be getting marijuana which has been sprayed with 2, 4-D.

It should be emphasized that there is no proof 2, 4-D will cause birth defects when ingested or smoked, and that the birth defects found in lab animals were caused by doses far larger than any marijuana user is likely to consume. But the possibility is still there, and many people feel the failure of the BNDD to even be aware of the possible hazards illustrates a callous disregard for the American public.

Library Announces Changes

Mr. Patrick A. Kelly was appointed to the Bryant College library staff September 1, 1970, by Dr. Thomas A. Manion, Vice President for Academic Affairs. Mr. Kelly holds a B. S. in accounting from Providence College and a Master's degree in Library Science from the University of Rhode Island. Before coming to Bryant, Mr. Kelly was Head of Technical Services in the Warwick Public Library.

The Library schedule has been expanded so that the library is now open 83 1/2 hours a week. A professional librarian is stationed in the business department to provide reader assistance during every one of these hours.

A rotary file has been established at the circulation desk and it represents a complete list of all periodicals, newspapers, indexes and other serial materials received by the library. The file indicates the frequency

of issue, year or years volumes held, and whether or not the periodical is available on microfilm.

For ease of access for reference purposes, all indexes, microfilm, and back issues of bound periodicals have been moved to the business department area located on the basement floor. Two microfilm readers and one reader printer are available for your use. Xerox 720 photocopier is available for use in the room adjacent to the circulation desk at a charge of 10¢ per copy.

The change from the Dewey Decimal Classification to the Library of Congress Classification scheme has been completed and copies of the classification scheme and floor plans of the library are available to all students at the circulation desk. All freshmen students are urged to avail themselves of the opportunity to pick up a copy of a set of floor plans.

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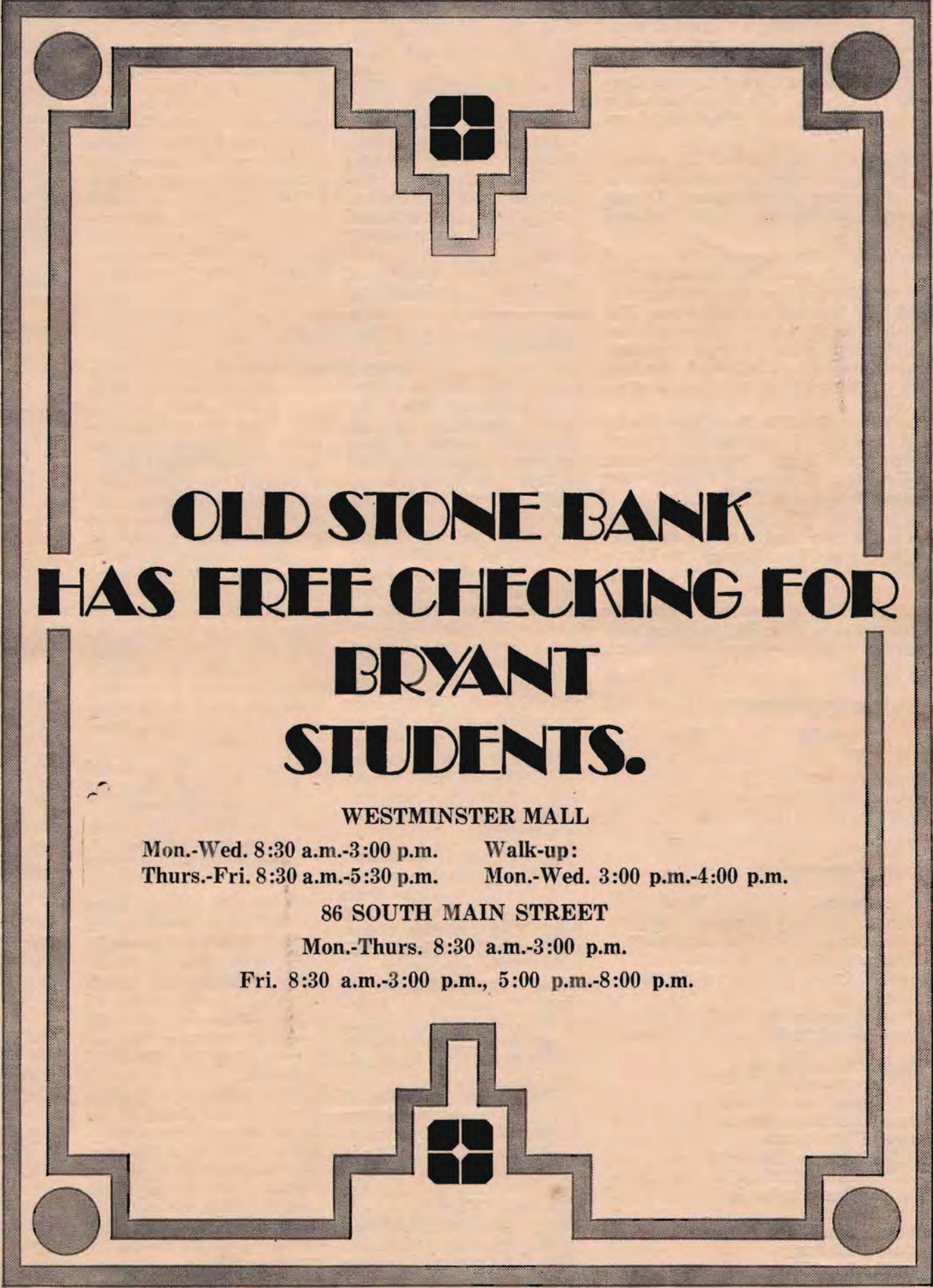


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Pro Football Forecast

By Steve Diamond

If you had happened to look at the pro football standings this past week, you were probably a little confused. The American Football League has merged with the National Football League to form a new National Football League. The NFL is then divided into an American Conference and a National Conference. Each conference is divided into an East, Central, and West. The breakdown of the teams are as follows:

Analyzing each separate division, I feel the American Conference West is the strongest division. That is the only pure AFL division under the new setup. Kansas City is my choice to repeat as champion, with Oakland the major contention.

Cleveland appears to have the class of the central division, Houston could be tough with Wall Lemm in full control as coach, and Charlie Johnson quarterbacking.

In the East, Buffalo and Boston will be ciphers. The Colts and the Jets are the solid teams. If the real Joe Willie Namath gets going, the Jets will have the edge. Bob Griese, a highly rated quarterback, will have the task of pulling the Dolphin's together if they are to upset anyone.

In the National Conference East the New York Giants have their work cut out. The East is the weakest division in the National Conference and if the Giants are beaten out by Tom Landry's Cowboys, they can still qualify for best runnerup and make the playoffs;

The Detroit Lions have the offense and the defense to edge Minnesota in a tough two team race. With talent such as Mel Farr, Errol Mann, and Lem Barney, the Lion's should overcome the power packed defense of the Vikings.

The Los Angeles Rams, led by Roman Gabriel, are going to find the competition a little bit tougher with John Brodie and the 49ers breathing down their necks.

My predictions of the final standings are as follows:

AMERICAN CONFERENCE

East	Central	West
Jets	Cleveland	Kansas City
Colts	Bengals	Oakland
Boston	Houston	San Diego
Miami	Pittsburgh	Denver
Buffalo		

NATIONAL CONFERENCE

East	Central	West
Dallas	Detroit	Rams
Giants	Minnesota	San Francisco
Washington	Chicago	Atlanta
Philadelphia	Green Bay	New Orleans

My Fearless Predictions for the Week of September 27, 1970

- NEW YORK JETS Over Boston
- ATLANTA Over Green Bay
- MINNESOTA Over New Orleans
- DALLAS Over New York Giants
- CHICAGO Over Philadelphia
- SAN FRANCISCO Over Cleveland
- LOS ANGELES Over Buffalo
- WASHINGTON Over St. Louis
- MIAMI Over Houston
- OAKLAND Over San Diego
- DENVER Over Pittsburg
- Detroit Over Cincinnati

-- TUTORS NEEDED --

UPPERCLASSMEN INTERESTED IN TUTORING FELLOW STUDENTS SHOULD CONTACT DEAN KURTZ AS SOON AS POSSIBLE. THE JOB IS VITAL, BUT NOT TIME-CONSUMING.

Road Runners Take Road Race Awards

Competing in two A.A.U. sanctioned invitational road races this past week, members of the Bryant College Cross Country Team captured a trophy and three medals.

Last Saturday, Roy Lapidus took a sixth place medal in the 5.1 mile North Attleboro race with a time of 26:13. He was followed by Bob Armstrong, twenty-ninth in 29:12; Bill Taylor, thirty-fourth in 29:39; and Irving Segael, sixty-third in 38:17.

On Tuesday evening at the Central Falls Silver

Jubilee 4.9 mile race Bryant really brought home the gold when Roy took the fourth place trophy with a time of 25:02. Bob took the tenth place medal in 28:11 and Bill, the twenty-third place medal in 30:40.

After these successes, the Bryant Team is looking forward optimistically to the opening of its regular season tomorrow with a triangular meet at Lowell Tech with Bentley. Completing the team roster for this meet are Don Macaulay, Charlie Haskeel, and Frank Palmer.



Roy Lapidus

Canaries of the Streets

(Continued from Page 3)

Health Program. If accepted, the program would improve pulmonary disease training available to area students, physicians, and residents. It would also expand the pediatric pulmonary center concept to four more hospitals creating a regionalized computer network in their emergency rooms. Statistics gathered there would correlate increases in respiratory ailments with a rising air pollution index on specific days in the D.C. area, and the suffering of Washington's "canaries" would not go unnoticed or unrecorded. Eventually the program would involve more hospitals and monitor approximately 95 percent of the area's children.

Dr. Burke is confident statistics from his efforts will support what he feels to be a daily-occurring tragedy in the lives of our asthmatically-afflicted children. "The pulmonary reserve in these children," he says, "represents the functional capacity of their lungs that is available for meeting stresses in development."

Though the canaries of the street can be temporarily treated for suffering, Dr. Burke feels air pollution is constantly robbing the rich pulmonary reserve of these children. "They can get along," he says, "but when they reach young adult life after their reserve has been depleted and they confront a crisis from infection or a foreign body, they may well have had it. The injured tissue cannot complete the oxygen exchange and death may ensue."

Dr. Burke is not a kook, nor does he stand alone in his deep-felt convictions about air pollution. He needed statistical proof, so he went about getting it. He needed machinery to produce the statistics, so he went about creating it. Others are doing the same.

Consider the recent statistics compiled by two Pittsburgh economists, Dr. Lester B. Lave and Eugene P. Seskin of the Carnegie-Mellon School of Industrial Administration. Their study indicated that if air pollution were cut by 50 percent in major cities,

- a newborn baby would have an additional 3-5 years life expectancy.
- deaths from lung cancer and in fact all lung disease would be cut by 25 percent.
- death and disease from heart and blood vessel disorders might be cut by 10-15 percent.
- all disease and death would be reduced by 4.5 percent yearly, and the annual saving to the nation would be at least \$2 billion.

"We can put it more simply," said Lave in an interview with The Washington Post. "For the average middle-class American family living in an urban area, abating air pollution is the single most important thing we could do to improve health."

"If we could reduce air pollution by 50 percent, it would save nearly as much in money and life as if we found a complete cure for cancer."

—Richard Wentz

The lack of atmosphere on the moon may make objects on its surface appear closer than they really are, aptometry professor Ingebor Schmidt says in the June SCIENCE DIGEST. On earth, we are used to seeing things through a hazy atmosphere that makes them look farther away. Dr. Schmidt suggests moon-walkers correct their vision by using the texture of objects as a cue.

Bowler's Corner

By Steve Monaco

Once again another great bowling season is underway at Bryant College. However, the location has changed from Cranston Bowl to LANGS BOWLER AMA in Cranston. The league is going to be run as usual. It will be a four man team with 60% handicap. More trophies will be awarded than last year. This year trophies will be awarded to 1st and 2nd place teams for both independents and fraternities. Added trophies will go for high game, high series, and high average.

So far 18 teams have registered in the league, however, more teams are urged to join. The league will be run for ten weeks, at which time the semester ends. The league will resume with a fresh start at the beginning of the following semester. The deadline for new teams is Tuesday, September 29th, so if you want to bowl every Tuesday, join now. See Steve Monaco, Steve Diamond, or Don Dunn in Gardner Hall for details. See you at the lanes!



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