Authors

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LOOK TO THE SKY

by Lenny Nasca
Sue Kuirkia

Flyers around Jefferson announced the event for weeks in advance, an airshow to be held at Jefferson Airfield on September 26, 1979 at 12 noon. “Jefferson owned an Airfield!” “How can they have an airshow in center city?” “How big are the planes?” These statements were just a few of the questions asked by bewildered students before the day arrived.

At noon on September 26th a few dozen spectators gathered at the edge of the empty lot behind Barringer Residence Hall (Jefferson Airfield) to watch three planes of different classes, and sizes, with wingspans ranging from 14 inches to 3½ feet. The three “kids” ready to fly their planes were none other than Jefferson staff members: Dr. Laird Jackson, M.D. (Genetics Dept.), Dr. Ken Chepenick, PhD (Jefferson Airfield), and Dr. Herbert Patrick, M.D. (Medical Resident at TJUH). As a preliminary wind-direction check, Dr. Jackson picked up some grass and let it fall with the wind. The wind was right for the occasion. Take off!

Soon the plane was performing figure eights, upside down flying loops, dive bombing, and again a successful crash-landing. Then, out of the crowd came Dr. Patrick with a single smaller plane. He mounted the field as though to challenge the expertise of Dr. Chepenick and Jackson. Take off. His plane soared at faster speeds, twisting and turning out death-defying dives. After a time, a successful crash-landing.

The challenge continued with a dog fight between Dr. Patrick and Dr. Jackson. Streamers were placed on the tails of the planes and both took off, one right after the other. The idea was to tear off the other plane’s streamer using the edge of one wing. The strategy was to sneak up on the others fellow’s plane and suddenly dive, thereby clipping off the streamer without crashing. The winner of the contest (in this case, Dr. Jackson) was the owner of the plane with the longest streamer at the time the first plane runs out of gas.

Competitive airshows use a grade point system (much like Jefferson’s) on how well stunts (right fights, loops, dive bombing, carrier landing, etc.) are performed. Speeds often exceed 100 m.p.h., depending upon the gas mixture of nitro-methane and engine lubricant.

The most experienced pilot is Dr. Jackson, who has been flying for about 30 years and competes in stunt precision flying of model airplanes. As a member of the Philadelphia Sky Pirates, a group of about 20 flyers, he plans and attends the air shows in the Philadelphia area. For the past couple of years, Dr. Jackson has been a member of the U.S. National Flyers Team, and he has attended international competitions in Paris, France. This year the nationals are in Nebraska, and the renowned Ace of Jefferson plans to attend.

Dr. Chepenick flies model planes more as a relaxing hobby than as a competitive sport. He enjoys taking his family to the park where everyone gets involved with flying. He builds his own model airplanes and he is now trying his hand at radio controlled model planes.

Dr. Patrick has been piloting for about 20 years, and enjoys competing in naval deck carrier precision landing events. This particular aspect of model plane flying involves landing an airplane carrier platform. He is a member of “the other AMA” — the Academy of Model Aeronautics.

For those interested in starting up such “kids’ stuff,” training models made of durable plastic and styrofoam can be purchased as low as $15 in a complete model.

But we thought it was a Jawskill!

Bodine Bubbles Forth

On September 29, 1979, after several weeks in the hot summer sun, the sea otters on Jefferson plaza finally got some water to play in when the “William Bodine, Jr. Fountain” was dedicated. At the 3:30 p.m. ceremony, Mr. Bodine, after whom the fountain was dedicated, turned on the water, allowing it to tumble on the central pile of rocks and onto the five life-sized bronze otters situated on and around the rocks. The octagonal fountain is situated on the west side of Jefferson plaza. Mr. William Bodine, Jr. was recognized for his many accomplishments at Jefferson over the years. Under his guidance as President of Jefferson Medical College from 1959-1966, and as Chairman of the Board of Trustee from 1970-1977, many personal problems of the time were solved, and the campus was expanded. Many of the buildings present today would not exist if not for his dedication and determination. He encouraged donors, agencies, and bond investors to give money to Jefferson to build a “campus,” adding nine buildings to the school. (In 1959, Jefferson was the only medical school in the U.S. without anything that could be termed a “campus.”)

It was through Mr. Bodine’s leadership that Jefferson became a full fledged health care facility. The Medical College was expanded to form the Thomas Jefferson University, and health care was updated. In the words of Fred Ballard, Chairman of TJU Board of Trustees, “Bill Bodine has courage. He is a leader, builder and friend.”

Dr. Lewis Bucum, President of the University, remarked that the fountain was constructed under the guidelines established by the Redevelopment Authority of Philadelphia, which required that one per cent of the construction value of the Barringer Residence Hall and the University Parking Garage be invested in a work of fine art. He stressed that no tuition dollars were used to build the fountain.

The design of the fountain was chosen by the Jefferson Art Committee, chaired by Dr. Mandel, from several prints submitted by artists in the Greater Philadelphia area. (That committee also chose the artist to paint the portrait of the faculty member chosen each year by the Senior Medical College Class.)

Henry Mitchell, the designer of the chosen fountain, also designed “The Winged Ox,” (aerodynamically referred to by TJU students as the “Flying Bull”) — the traditional symbol of the physicist St. Luke. He chose otters for the fountain because of their love of fun and play. Dr. Bucum felt that the fountain would be a comfort to family and friends of hospital patients, and would show them “there is more to life than pain and anguish.” Addressing the medical students, he said he felt the students would not fail to see the fountain on the way back home from Dr. Watson’s Pub, and that after hard tests, students could also gain comfort from the otters. He added that the otter on the far west side of the fountain was situated “close enough to the edge so that you could rub its tail, and I heard that anyone who rubs its tail and throws a Jefferson nickel into the fountain gets his wish.” — Just a thought for those students in grade trouble.

Dr. Bucum briefly mentioned the recent score in which a stick of cand’ on page 2
Freshman Face Formidable Feat

by Ellen Feldman

After a month of pub nights, band parties, lectures, and hours spent analyzing and pondering over notes and books, the freshman medical students took their first Cell and Tissue Biology exam October 8. The reactions to this initial medical school test varied depending, most likely, on the priorities of each student and the consequent proportions of their time spent engaged in the above activities.

The relative difficulty of the test was commented on by many students, including Mario Colovito who remarked that, although he thought the test was easy, there were "a few questions you really had to look into." Last fall, he said, he thought the test was "fair, but too specific" at times. Noted Tim Heilman, the test was "challenging - instead of just memorization you had to apply some knowledge." On the other hand, a few students bluntly remarked that they thought the test was quite hard. One student, who asked not to be identified by name, expressed his negative feelings about the exam as follows: "I have taken written tests and I have taken these tests orally, but this was one of the few rectal ones to be presented for posterity."

There were students who didn't seem to care about the test. An unidentified student and his curiouslyhaired friend remarked, "I am glad we got it high last night!" When asked about his reaction to the exam, Matt Kirkland said, "Yesah - but who cares?" Sue Thornberry's reaction was one shared by many freshmen: Now I know that, "I will survive medical school." All in all, commented Marko, "It was, just it was. It was hardly worth all the fear and loathing in the air last week."

Many students felt that Dr. Zeiger's section of the test (protein chemistry) was more difficult than the rest of the exam. Said Jeff Thatcher, "I did not have a good enough background in protein chemistry to answer the questions." A few students, who asked to be unidentified only as alpha helices, said they felt Dr. Zeiger's section was unfair, and that questions

By James O'Brien

On Monday, October 8, over five hundred Jefferson students and employees parted heartily to the disco beat of Second Street at the annual Homecoming Dance. Now, this school has seen many a party before — but this was quite exceptional. As a matter of fact, it was a revelation. On that cold autumn night, a typically reticent Jefferson crowd donned its nineteenth-century conservation and discovered the chic hedonism of the eighties. This party could not have come at a better time for freshmen and Sophomore medical students as it was the night after two hard midterms. For others, it was a welcome alternative to watching Howard tell it like it is. Encirced by a world of the right exam, waltzed, stained-glass windows, and a sound system loud enough to melt the superior oral cavity, the crowd freaked and reeked all through the night. Even the most adamant disco-detesting rock 'n rollers (this side of Bob Seger were to be found strutting their stuff. One of the most interesting facets of that night was the reaction to the bartenders' little sidelines. Some applauded their overt lack of inhibition. Others contended that it simply represented an arrest in psychosexual development. (How would they get that idea?) Nonetheless, it will be talked about for a long time around here.

On behalf of everyone who attended, I would like to extend my appreciation to Tom Whetzel and Steve Flashner who took the initiative (and risk) of arranging this affair. Jefferson definitely needs more events of this caliber.

Upper Level Undulations

By Appointment MA7-8923

One student anonymously said the histology portion was not as bad as she expected it would be. Other members of the class were reluctant to express their reactions to the exam. "I do not talk to the press" commented Dave Tense. Len Zan said, "I do not want to be quoted." I have nothing to say" said Bob Kearney, and Steve Edmundson wiz quipped, "Can I mail you my reaction?"

Another student borrowed a quote from Bob Dylan to express his own feelings:

"Here I sit patiently wondering to find out what price you have to pay to get out of all these things twice."

Taking everything into consideration, the prevalent atmosphere following the exam was one of relief that it was over and a general relaxation of the tension that had been built up the week before the exam.

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Bravo Cytotechns!

by Chris Donnelly
John Guardiani

The Department of Cytotechnology of the College of Allied Health Sciences is currently one of the most sophisticated and comprehensive programs of its kind. Presently there are 27 students and 6 faculty members in the department located on Jeff Hall's second floor. Students are involved in a unique learning experience which requires a good deal of one to one teaching.

The science of cytology deals with the microscopic examination of cells removed from specific body sites. The cells are first processed with various reagents, stained for enhanced visibility and finally interpreted by the cytotechnologists. Students learn early in training the proper techniques for preparing the cell samples for study.

The majority of time is devoted to the understanding of various pathologic changes cells undergo. A thorough background is given in general pathology and histopathology to augment the student's knowledge.

The major concern of the cytotechnologist is malignant disease and its early detection. Statistics point out that many cancers are amenable to treatment and eventually cured if they are found early enough. Cytology provides the means of early detection of many cancers. This fact combined with the non-traumatic nature of sampling techniques makes cytodiagnosis an accepted and trusted diagnostic tool.

No description of this science is complete without mentioning the father of cytology, Dr. George Papillon. From whom the pap test is named. Dr. Papillonlou pioneered the initial research in diagnostic cytology at the Cornell Medical Center. The dramatic decrease in deaths due to cervical cancers is but one testimony to the diligence of this quiet giant of medicine. The training received at Jefferson perpetuates the legacy left us by Dr. Papillon.

The dedicated members of the faculty include; Acting Dept. Head Lynn McHenry, Medical Directors Minio Takeda M.D. and Warren Lang M.D. Teaching staff includes Assistant Professor, Douglas King and Instructors Melissa A. Stevens and Lorraine Zwarich.

CAHS Orients Itself

By John Guardiani

September 4th marked orientation day for 287 new students of the College of Allied Health Sciences.

The day's activities, coordinated by Pat Goda, effectively mixed the business of registration with pleasure. Incoming juniors were made to feel at home while experiencing a gradual introduction to the Jefferson family. Members of the class '80 conducted tours of the University and its various facilities.

Customary remarks were made by various college dignitaries including Dean Lawrence Abrams. The day concluded with a social sponsored by the administration. Total enrollment for the college's eight programs is now at 547 students.

The Variety Club of Delaware Valley presented a "Sunshine Coach" to the Hemophilia Center of the Cardozo Foundation of Thomas Jefferson University on September 28, 1979. The ceremony, held in front of Scott Memorial Library at 1 p.m., marked the beginning of a three year commitment of the Variety Club to provide Jefferson with twenty such vans.

The "Sunshine Coach" is a specially designed twelve passenger van which will be used to transport handicapped and chronically ill children between Thomas Jefferson University Hospital and its associated institution, Children's Hospital. The van was presented in honor of Thomas McNulty, Business Manager of Plumbing Local 690, and Thomas Dugan, Business Manager of Steamfitter's Local 420, both of whom have contributed much financial help to the Variety Club. The Variety Club is a charitable organization formed to help the handicapped children in the Delaware Valley. At the ceremony, Dr. Sandra S. Shapin, M.D., professor of medicine and director of the Cardozo Foundation Hemophilia Center, accepted the keys to the van, along with a check for $21,761.32. The Variety Club had already given $10,532.51 to the foundation earlier this year, resulting in a total donation of $32,293.83. In addition, the club promised to deliver 19 more vans to TJU over the next three years.

Dr. Louis Blumen thanked the Variety Club for the presentation on behalf of TJU and its trustees.

A tour of the Cardozo Foundation and a reception followed the ceremony.

B & B Ball News

According to Matthew Carabino, President of Kappa Beta Phi, the special event was held at the Union League of Philadelphia, a prestigious gentlemen's club, located at 140 South Broad Street. The idea to move the location of the social (it was normally held at Jefferson) was something that Dr. Gonzalo Aponte, late Chairman of the Department of Pathology and Faculty Advisor of Kappa Beta Phi, had suggested. In discussing the change of location, Matt the main organizer of the event, stated that "we are hoping to encourage more faculty to attend." The Union League was chosen because it is a "peaceful place" and because it is "within walking distance of Jefferson."

This year's Ball will also be held early compared to last year's event which was held in May. According to Matt, whenever the social is held late in the school year, it interferes with "graduation, the alumni trip, and activities scheduled by other classes." He also added that in the past, the Ball has been scheduled anytime between December and June (not only in May).

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**Holier Than Whom?**

A Lost Chapter in “The Pursuit of the Holy Grail”

Desperately and for weeks I had travelled, finding nought but emptiness and filth. I found myself in a huge metropolis known as Philadelphia, which at the time seemed the pinnacle of moral decay. Scantily clothed women danced before drunken men that whooped delight by ringing their beer bottles. Scandalous officials and businesses abandoned, reveling in the illicit cash they worshipped with abandon. Male and female prostitutes prowled the streets for clientele. I half expected Athila to appear storming in from the West with his gang, treated dully by a force said to house sufficient cunning and weaponry to invade a nearby island.

Feeling both sorrow for the decadent fools as well as fear for my life, I urged on to the center of the city. To my surprise and partaking were Dr....

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**Drugs vs. Reality**

Press Release

Top health officials from 22 countries visited institutes of science in the Soviet Union from 1 through 12 October as part of a travelling seminar on psychotropic and narcotic drugs sponsored by the World Health Organization (WHO). The need for safety in the use of drugs, specially psychotronic substances, is particularly great in developing countries, where use along with misuse is increasing, and where measures of control are generally considered far from adequate. Among the more commonly known psychotropic substances are depressants, such as barbital and methaqualone; stimulants such as amphetamines; and hallucinogens such as LSD and mescaline. All have the capacity to affect the mind.

As seminar participants, the visiting officials had opportunity to observe first-hand how programs to monitor the use — and thereby avoid abuse — of drugs work in the Soviet Union, and as well, the chance to exchange information and experiences that could be applied at home. Moscow, Dushanbe.

The seminar, the second of its kind in a year, was financed mainly by WHO but was supported by contributions from the UN Fund for Drug Abuse Control, and the host country, which was bearing a large share of local costs. The Soviet Union also put facilities in Moscow, and in Dushanbe, capital of the Soviet Republic of Tajikistan, at the disposal of participants. In Moscow, they visited institutes of psychiatry and pharmacology, and participated in a meeting of the U.S.S.R.'s Permanent Committee of Narcotic Drugs. In addition, during the seminar's first week, they heard a report on drug control and prevention of addiction in the Soviet Union presented by Professor E. A. Babayan, head of the Department of Evaluation of New Drugs and Medical Equipment, USSR Ministry of Health.

In Dushanbe visits were scheduled to a mental hospital, to a narcotics dispensary, as well as to other health installations following an invitation by Tajikistan's Deputy Prime Minister. Selected from those in a position to influence or to set government policy in their countries, participants were expected from Brazil, Bulgaria, Burma, Cyprus, Egypt, Ethiopia, Finland, Greece, Hungary, India, Lebanon, Libya, Mauritius, Mongolia, Pakistan, Philippines, Swaziland, Syria, Thailand, Turkey, United Kingdom and Yemen.

Also participating were Dr. George Ling, Director, UN Division of Narcotic Drugs, Mr. cont'd on page 5

**Balkan What?**

To the delight of millions and the edification of about twenty, a gauzy but still energetic Sophie Tannenbaum emerged from years of research with the long-sought cure for Balkan nephropathy. In her hands was the answer to the bone of modern mankind, a steaming plate of fried matzoh. "For sure it's a tasty dish," she blurted, "but the secret's in the enzyme, Manischewitz." To the health ministers of myriad vogue countries this spelled nothing, but to the victims of this once-dreaded disease salvation had taken the form of a white-haired Miami housewife. Should you ever contract a case of Balkan nephropathy, do the following: Scook one piece Matzoh in hot water. Drain Water; beat in one egg. Fry
In Memoriam

William A. Rumer, M.D. died suddenly on August 22, 1979 in his 48th year. He was associated with Jefferson uninterruptedly for over a quarter of a century as staff physician and close friend of many. His contributions to education in psychiatry and human behavior are many. D. Rutter leaves a wife, five children, innumerable friends, colleagues and patients.

James R. Brent, 26, died suddenly on Tuesday October 16th at Thomas Jefferson University Hospital. He was the son of Dr. Robert Brent, chairman of the Department of Pediatrics at T Jefferson. Dr. Brent was a member of the Philadelphia Jazz Ensemble and was under contract to the steel plant in the Fall of 1979. His last summer was a featured performer at the Long Beach Island Arts Foundation concert. Last spring he played at Jefferson with the Ensemble.

The Ariel would like to express our condolences to Dr. Brent's family.

Compassion and delicate judgement are qualities Dr. Rutter valued. His special qualities were his warmth and kindness. His loss is a grievous one for all who knew him.

Dr. Robert Brent

More Drugs

conf'd from page 4

Abdulaziz Bahl, Secretary, International Narcotics Control Board, and Dr. Eva Tonguey, Deputy Director, International Council on Alcohol and Addictions, a non-governmental organization based in Switzerland.

Social and Public Health Problems

A major topic on the two-week agenda was discussion of ways and means of assuring the effects of psychotropic drugs in different societies on public health, with participants to give "play by play" of the extent of the use of these drugs in different settings, and the effects of these drugs in terms of public health problems arising from the misuse of these drugs.

Among problems are those of the use of drugs as a substitute for mental illness, and road traffic accidents, but specifically those related to mental health. In January 1979, the WHO Executive Board called on countries "to assess the nature and magnitude of public health and social problems related to psychotropic drugs.

The need of studies in developing countries arises because "malnutrition and other endemic diseases will modify the response to a drug," according to Dr. Inoyat Khan, Senior Medical Officer, WHO Division of Mental Health, and Secretary of the seminar.

1971 Convention on Psychotropic Drugs

Another aim of the seminar was to create awareness of the need for ratification of the 1971 Convention on Psychotropic Substances, and to determine reasons why only a handful of countries have acceded to it so far. The total number ratifying is 62, just 22 more than the 40 that brought it into force in 1976.

Not only does the convention regulate the use primarily of synthetic drugs, now increasingly being marketed worldwide, but it charges WHO with the task of evaluating their safety and of recommending international and national controls where a threat to health has been shown.

While calling for ratifications of the convention by all countries, Dr. Kahn says it is in the interest of the United Nations to act now.

To the Administration

At an institution which has the diversity of programs and facilities that Jefferson has, administration is a complex problem. It is obviously impossible for the head of any part of this university to oversee every aspect of his or her area of jurisdiction. Problems arise, and in the past many of us have heard complaints concerning the management of the hospital cafeteria, the administration of financial aid, the scheduling of tests, and so on. One problem we cannot stand back from, put up with, or delay in solving, however, is the increasing incidence of confrontations between students and security guards. It is our opinion that, while the majority of guards here are professionals, and beyond that, are considerate and helpful on the job, there are a significant number who do not deserve the title of "guard," several who do not deserve the title of "human being." The following incidents illustrate this point:

1) During the recent "incident" at the fountain, the guards were required to keep the students out of the area for their safety. This is fine — except for the fact that several guards were abusive and threatening to the students, and acted this way without explanation. The students involved were confused and angered at this situation.

2) In at least one case, in the simple act of asking for identification, a guard yelled at several students and employees entering Alumni Hall, even those who were directly approaching him with their ID's.

3) Guards have been required to keep students out of Alumni Hall after certain hours on the weekends. Many of us don't understand the reason for this, and no explanation is given by security officers. With notes often unavailably left for distribution late Sunday afternoon, and with tests scheduled on the next day, this policy makes no sense. It would be little trouble to require students to exit by the front exit, checking off names if needed, or returning ID cards to them as they left. In one instance, the guard was so offensive that the student involved disregarded the officers orders and continued up the stairs to collect his notes. This action was unadvisable, but understandable considering the guard's attitude. What is unassailable and understandable is that the guard's behavior was unprofessional.

4) During the recent strike by Jefferson employees, one and only one of the "guards" reportedly was physically abusive to those attempting to enter Jefferson facilities.

5) One student, who asked for a key to enter a Pathology Laboratory which he had thought was open to students, (in light of the fact that Histology and Anatomy Labs were open in the past), was told angrily that he could not have the key. When asked why, the guard did not answer the student, but turned to his partner and said "suppose you tell him." The second guard was more considerate. There is one other, more serious incident, but we could not speak directly with the student who was involved to ensure that it was not hearable.

The guards, if necessary, can file an "incident report" on student actions to bring these actions to the attention of the administration; no such mechanism is evident, or is explained for the student body.

We propose that such a system be established and presented to each class, and that a file of such complaints be kept on each guard. Further, we propose that the administration of this group of employees be diligent enough to see these problems developing beforehand, if it is not the students' responsibility to ensure that the guards act professionally.

A university that cannot hire professionals is hardly able to train professionals.

Paul Jurkowski
Robert P. Hinks
Thomas J. Wengers
John C. Gardner
Albert W. Gillespie
Can you find the hidden novelists?

BALZAC  ORWELL
BENNETT  SAROYAN
BRONTE  SOLZHENITSYN
CAPOTE  STEINBECK
CERVANTES  STEVENSON
CRANE  TARKINGTON
DEFOE  THACKERAY
DOSTOEVSKY  TOLSTOY
FAULKNER  TWAIN
GOETHE  VONNEGUT
GORKI  WAUGH
HUXLEY  WOOLF
KEROUAC  ZOLA
MALMUD

FRANK AND ERNEST

By Bob Thaves

HOSPITAL CAFETERIA

THREE APPENDIXES
YOU REMOVED
THIS MORNING,
AND YOU CAN'T
GET AN OLIVE
OUT OF THE BOTTLE?

THE BORN LOSER

By Art Sansac

Ziggy

"... MAKE OTHER PEOPLE
FEEL SIGNIFICANT!!"

Herman

"And in recognition of your 20 years loyal service in
the X-ray department..."
© Edward Julius, 1977 Collegethe Crossword

ACROSS
1. Poem (abbr.)
2. Humor magazine
3. Enemies of clothing
4. Captain
5. U. S. railroad
6. Rare-earth element
7. Playmate
8. Does who kn?
9. Request of Herbert T. Gillis
10. Aspects
11. Cleopatra's killer
12. Gulf of
13. Record of brain activity
14. Lively dance
15. Tired
16. Elasticity
17. Depot (abbr.)
18. Writer Bernard--
19. Actor Knight
20. Irritates
21. Move slowly
22. "La Douce"
23. Extinct New Zealand bird
24. Capital of Montana
25. South American country (abbr.)
26. Skin injury
27. Hackneyed expression
28. Inflation of a sale item (2 wds.)
29. Harvard vines
30. Baseball hall-of-famer, Chief--
31. Energy unit
32. Dog sound, in comics
33. Rain lightly
34. "Walden" author, and family
35. Foods
36. Sports cars
37. Ending for say
38. Serena's wife
39. End of measures
40. Instruction from Jack Lalanne
41. Box--
42. --a Seesaw
43. System of weights and measures
44. Indian servant
45. Sunbather
46. Half of TV team
47. Aroma, British style
48. Game of chance
49. Hindu sacred words
50. South American country (abbr.)

DOWN
1. Skin injury
2. Rachmaninoff expression
3. Deduction of a gala item (2 wds.)
4. Narrow, narrow
5. Actor Gable
6. Hypothetical substance
7. Irritates
8. More slowly
9. Playing marbles
10. "--a Dogs"
11. Extinct New Zealand bird
12. Hospital physician
13. Trial material
14. Flounced, as wife
15. Tex for travelers
16. Former French province
17. Outline
18. Lanyard end
19. Actor Bronston, for short
20. Old song, "--a Hundred"
21. Box
22. Skin, tightly
23. "Naked" author, and family
24. Foods
25. Sports cars
26. Ending for say
27. Serena's wife
28. End of measures
29. Instruction from Jack Lalanne
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61. Serena's wife
62. End of measures
63. Instruction from Jack Lalanne
64. Indian servant
65. Sunbather
66. Half of TV team
67. Aroma, British style
68. Game of chance
69. Hindu sacred words
70. South American country (abbr.)
Smallpox a Part of the Past

October is the month in which the nations of Africa await a crucial decision - the verdict of a gathering of smallpox experts on whether the continent can be certified completely free of smallpox.

During the first part of October the experts, gathered in the various international commissions, will visit the countries of Djibouti, Ethiopia, Kenya, and Somalia. Each country will deal with one area. The experts are satisfied with the evidence of smallpox eradication, they will certify the country concerned accordingly.

But the Horn of Africa must also be viewed as an entity, because of the shifting nomadic populations. So at a final meeting in Nairobi, the secretaries of each of the commissions will pool their findings for a last overall review. If this final hurdle is successfully overcome, eradication in the region will be officially certified.

The date set for the final decision is Friday 26 October, exactly two years after the day since the last endemic case was record

This & That

More good news about onions. Onions and garlic contain a compound that inhibits platelet aggregation. The purified compound blocks human platelets ability to synthesize thromboxane, which is a clotting promoter. The other side effect is bad breath.

Researchers at Northwestern University have discovered that magnets to localized areas of the body. Water-soluble drugs and some magnetic particles are packaged together into a protein sphere. Then, with the aid of a magnet, the protein spheres are injected and moved around the body to the location where needed.

Semen containing the sperm at least as potent as penicillin. Called seminalplasm, the substance permeates cell membranes and then prevents

the synthesis of RNA. In laboratory experiments, seminalplasm has been shown to kill streptococci, streptococcus, and some bacilli. So the next time you need an antibiotic, try a spoonful of seminalplasm.

Gastric hyperthermia may be a treatment of choice for the common cold. Researchers at the Weizmann Institute of Israel have developed an instrument that vaporizes distilled water and emits a high steam which the patient then breathes into his nostrils. This was sufficient to dispel almost all symptoms of the common cold in the majority of the patients. Cold relief, decreased nasal secretions, and dilation of nostrils were found in 85% of the patient group. Why not try breathing some vaporized water the next time you have a cold?

Smallpox virus may seek refuge in an animal host has been given considerable attention, but no evidence for this has been found. This is a rare disease, known as monkeypox, which looks like can't on page 8

Try Your Hands at Chopsticks

Feel the need for dinner away from those four walls? For that same cooking! But don't want to spend much time or money? It's a common situation, and one excellent remedy is dinner at the Happy Paradise. This honorable Chinese establishment is located a short distance from Jefferson, at 204 N. 10th Street (you can't miss it if you look for the Pepsi sign over the door). "Paradise" provides heavenly gastronomic variety, boasting a menu of over 120 items. The list includes almost eleven soups for two (poured $3.40), eleven appetizers ($0.90 to $3.00), and numerous entrees of poultry, fish, pork, beef, shellfish, and some interesting combinations of the above. The restaurant is also well-known for its vegetarian cuisine. Entrees are generally priced from $3.50 to $5.00, with specialty dishes in the $6.00 range. A three-course meal is usually escape for $7.00 plus tip. The cooking is regional, featuring Mandarin, Cantonese, and Schanu dishes. All are served with rice, fried noodles, and of course tea. Available for dessert are the proverbial ice cream and fortune cookies, lychee nuts, or almond cookies.

It seems best to get there early, as seating is limited and there is usually a waiting line; for any, you are very likely to see some familiar Jefferson types either seated or in line. Reservations are accepted and "take-outs" are available. The service is quite good, and you can expect to move right along from one course to the next. The atmosphere is a typically Chinese - small, closely placed wooden booths, linoleum floor, red-curtained walls with few scattered oriental prints. The refrigerator, squeezed behind the cash register, is topped with stacks of plastic washdis full of fried noodlest for a different atmosphere or change of pace on a tight budget and limited time. Happy Paradise is a great place to go!
Record Review

by James E. O'Brien

Rock
"Get the Knock"—The Knack

Yeah, I know this sassy little debut album brought The Knack, a pseudo-punk quartet, from obscurity to stardom. I realize that "My Sharona" is one of the catchiest songs of the year, I've even been told that this record has revived "good old-fashioned rock 'n' roll" (whatever that means). It's just that I can't understand how The Knack's blatant Beatlemania publicity scheme has become so well-accepted in an era in which rock fans were supposed to be so anti-commercial.

This isn't a bad album—it's just not very intelligent. The melodies and guitar harmonies are very catchy, but the lyrics are just cutesy mass-appeal. For instance, two of the album's songs "Frustrated" and "Good Girls Don't," deal with adolescent sexuality but are not nearly as imaginative or ambitious as Meatloaf's epic first "Paradise by the Dashboard Light," or Billy Joel's spectacular "Only the Good Die Young.

Perhaps "Get the Knock" is rock's answer to disco—if it's a lot of fun and great to dance to... but it is hardly classic rock 'n' roll.

"Off the Wall"—Michael Jackson

I really can't blame people for not buying disco albums—usually you get a big hit and six or seven trusky "fillers." The alternative is the twelve-inch single—highway robbery at $2.99 per disc.

"Off the Wall" is a welcome change in this regard—it's consistent! The title track is smooth-as-silk disco, featuring some beautiful harmonic vocals by Jackson. "Don't Stop Till You Get Enough" is a bit more funky, and at first the phrase sounds a little like "Refrain Prior to Engagement" (unquote). The other disco songs are also enjoyable, although the slow songs (with the exception of the beautiful, Stevie Wonderish "I Can't Help It") drag a bit.

I remember years ago when everyone predicted Jackson's demise with the onset of his puberty. Although he'd have trouble hitting the mezzo-soprano range of "Ben" today, Jackson's voice is still great and he has developed quite a song-writing talent. "Off the Wall" is superb showcase of his musical maturity. A must for your dance record collection.

"Rapper's Delight"—Sugarhill Gang

This is simply a funky triologue taped over the harmony of Chic's "Good Times." The "rappin" is hilarious and even obscene, especially when "Big Bad Hank" takes over. Since this track is so damn funny and will probably be taken off the market when Chic wins its plagiarism case against the Gang, this record will likely become a collector's item. What better way to throw away $2.99?

AKK's Jay Robinson blanks for "airborn" Rich Bruehlman in I.M. Football at Palumbo Field

Volleyball team members practice leaping in a low gravitational field, characteristic of the Alumni Hall gymnasium

Rugger Buggers

by Stuart Singer

Where can you find college graduates drinking beer on Saturday evenings and singing in (almost) perfect harmony about the finer things in life while clad in striped shirts and short pants? The answer is the (infamous) Rugby party that always follows Saturday rugby matches.

The Jefferson Rugby Football Club indulges in beer induced paraphasia accompanied by sons and usually dance after every game. After compiling 2-0 record, the partying is the only result they can count on. The Jefferson Ruggers defeated Villanova Law and Widener and were beaten by Rancocas Valley, N.J., and Phila. College of Osteopathic Medicine. Their next game is against Penn's Wharton School of Business. It promises to be a very fierce contact with even more intense partying afterward.

Rugby matches start at one o'clock every Saturday at Fairmount Park's Belmont Plateau at Belmont and Montgomery Drives. The team meets at Alumni Hall at noon, and all fans are promised an unforgettable time during and after the match.

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Smallpox Zero Africa

free of smallpox will outweigh any possible benefits. As of 15 September, compulsory vaccination was no longer required in 48 countries.

Vaccination Certificates for Travellers

Since no country or area in the world is infected with smallpox, vaccination certificates should not be required at frontiers. In fact (as of 15 September) only 27 countries, of which the majority are in Africa, still maintain this requirement.

Smallpox "Insurance Policy"

Steps are being taken, in line with the advice of the Global Commission to maintain an "insurance policy" against any possible recurrence of smallpox during the posteradication era. Suspect cases will continue to be monitored, and safety at laboratories holding virus stocks will be kept under review. Research will also continue on the whole family of viruses to which the smallpox virus belongs, with special reference to monkeypox virus. An emergency reserve of 200 million doses of vaccine is being set up.

The Cost - And the Benefit

The smallpox eradication campaign should be viewed as a highly successful joint effort made by the afflicted countries and the Third World in partnership. The International contribution over the period 1967-1978 is estimated at about $100 million. The annual saving to the world community is estimated at over $1 billion, because of the savings in regard to routine vaccination, treatment of vaccination complications and maintenance of frontier surveillance and quarantine procedures.

Final Seal of Approval

The official declaration that smallpox has been eradicated worldwide is expected to be made in May 1980 at the World Health Assembly, which brings together each year the representatives of the 152 Member States of WHO.

Smallpox Zero Africa

Children’s guard Frank Hightower passes the ball in front of Jefferson’s Vernon Robinson

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smallpox but which is caused by a different virus. This disease is the target of an ongoing WHO research project in Zaire in West Africa. It is being carried out in conjunction with the Zaire national authorities and assisted by the Center for Disease Control (CDC) Atlanta. Nevertheless, although monkeypox will continue to be kept under surveillance it is not regarded as an important potential risk to public health. Human infection rarely occurs (45 cases in nine years), and transmission from one human being to another is extremely low.

Compulsory Vaccination

If, as is hoped, the eradication of smallpox in the Horn of Africa is certified on 26 October, there will no longer be any justification for maintaining routine vaccination in national population. Each government must decide its own policy, but the view of WHO is that the risks of such vaccination in a world
Swimming with Balls

by Mary White

The Jefferson Water Polo Club is attempting its first complete season since its inception two years ago. According to the reticent sophomore captain, Jeff Banyas, the team in the past has faced difficulties with injuries, player shortages, and interpretation of its game schedule by swim season. Now he is hopeful that the enthusiastic newcomers to the team will not only be sufficient in numbers, but will make "a good showing in interscholastic water polo matches, if they don't bag water polo for Anatomy and Physiology."

Banyas did not know when they would schedule their first match, but whenever this is, it promises to be worth attending. The competition will include schools such as Temple, U. of Penn., Drexel, and other area professional schools.

At the first practice session, the new team demonstrated a surprisingly high quality of swimming and playing. Banyas himself was pleased by how quickly the team was learning to play, especially because "most players had little or no previous experience in water polo."

He was optimistic that they would improve fast, but again "only if the player attrition rate doesn't increase with the coming of exams." Hang in there team!

In true form, the Running Club enjoys reliving surface Anatomy Lab stressing quadriceps hypertrophy

from page 10

Smith, and Mark Curtis finished third, fourteenth, and nineteenth respectively. Scott Maloy, Evan Roth, Drew Miller, and C.J. Lamb were among the top 100 finishers.

If you are interested in joining the club, or just want some people to run with, contact Charles Norelli at 923-2416, George Smith at 923-9217, or Mark Curtis 928-7763 or join the club at practice. The club meets outside of Orloffitz at 6 p.m. everyday during the week.

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Spiking, Etc.

by Ron Setzkorn

If you mixed precision with fun, what would you get? Well, if you asked a member of the Jefferson "Diggers" they would probably answer just that... fun! The "Diggers" represent Jefferson University in the Delaware Valley Volleyball Association which consists of eleven teams including Princeton, Ursinus, and various YMCAs.

The volleyball season will begin in late October and last 22 weeks. The "Diggers" have high expectations this season because they finished their premier season last year in fourth place. Team members include Steve Eaton (captain), Steve Bell, Art Brownstein, Dan Scott, Dave Tenny, Mike Franchetti, Doug King, Larry Matthews, and Ron Setzkorn. Anyone with an interest in volleyball should join the team during practices at 8 p.m. Wednesday in the Alumni Hall Gymnasium.

cont'd from page 10 times in the first half. By the end of the 90 minute contest, the Barborgyam had won by a 6-1 margin. Freshman halfbacks Jim Ritter and Craig Palmer combined for two goals each while forwards Paul Daghrami (sophomore) and Jaime Coro (A.D. Hematology) tallied one goal each. Sophomore Ira Solomon also played with prowess in his full goal tending debut.

With team confidence rising high from the previous weeks victory, Jefferson faced the only non-academically oriented team of the league appropriately named "Spackleball." Again, the missionaries took a 3-1 lead by the end of the first half. However this lead withered away to a 3-3 tie as the Barborgyam ran out of gas. Perhaps pre-exam late night studying had finally taken its toll on a team primarily composed of freshman and sophomore medical students. Whatever the cause, Jefferson went on to suffer its first defeat in the midst of many missed golden scoring opportunities, and Southside won 5-3. Barborgyam good scorers at one each were Jim Ritter (freshman), Mike Kahn, and Tom Whetzel (sophomore).

The next game pits Jefferson against arch rival Temple Medical School, who defeated us by one goal last spring. Games are played at 33rd and Dolphin Streets in Fairmount Park near the Strawberry Mansion Bridge, at either noon or 2 p.m. The team leaves from Orloffitz Building one hour before game time. All prospective fans, spectators, and players can contact team member Stuart Singer (923-2692) for game times and information.

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Paul Daghrami concentrates on Penn Vet's goal as he demonstrates proper simian posture.
Summer Basketball
by Jeff Metz

The 1979 edition of the Philadelphia City College Summer Basketball League came to a climactic conclusion on August 20th. The employers of Thomas Jefferson University defeated Children's Hospital of Philadelphia 73-68 in the second and final game of a best out of three series to determine a city champion. Jefferson won the first game 83-79. These teams were well matched, as shown by the fact that both games were decided in overtime.

The Jefferson employees, under the enthusiastic leadership of player-coach John Moore (Security Dept.), also had sported the best regular season record, 12 and 1, with their only loss to Children's Hospital.

The league, coordinated by Jeff Metz (Radiation Therapy & Nuclear Medicine), consisted of three teams from Jefferson and teams from Children's Hospital, Temple U Hospital, Metropolitan Hospital and Will's Eye Hospital.

Of the seven teams in the league, four made it to the playoffs. The playoff games were Will's Eye vs. Children's and Temple vs. Jefferson Employees. In the first game, Children's Hospital came from a twelve point halftime deficit to knock Will's Eye out of contention. In the Temple-Jefferson battle it was two-time defending champion Temple that came up short. Jefferson used a well balanced attack with the likes of Carl Smith (Transportation Dept.), Jimmy Morgan (Housekeeping Dept.), Willie Taylor (Management Dept.), Vernon Robinson (Transportation Dept.), and John Moore. The Jefferson Employee squad emerged as the new league team to beat when they convincingly defeated Temple 76-69.

The highlight of the finals was the presentation of the generous $5000 cash prize to the Jefferson employees.

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