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## Ariel - Volume 10 Number 1

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# Ariel

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Thomas Jefferson University Student Newspaper

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## DAD MAKES - JEFF TAKES

by Edward G. Zurad

**"In the future, medicine may be reserved for only the rich due to the rising cost of medical education."**

Dr. Paul J. Fink, Professor of Psychiatry and Human Behavior and Chairman of the Department - "Choice of Occupation" Lecture.

Tuition is increasing! Dr. Fink made the above statement in response to the increasing costs which medical students must face. When asked to comment on this statement, Dr. William F. Kellow, Dean and Vice President, said that he agreed with Dr. Fink and that it appears that tuition is going to continue to rise until the legislators realize that something must be done. Mr. Arthur Owens, Registrar and Coordinator of Financial Aid, also stated that the situation cannot continue indefinitely although he did note that he was pleased with the fact that the Board of Trustees has tried to keep tuition increases at a "moderate" rate.

In discussing the tuition issue further, Dr. Kellow stated that the rising cost of medical school seems to be a factor leading to the decrease in the number of students applying to medical schools across the country. Dr. Kellow referred the Ariel to the national application figures which indicated that the number of applicants has fallen from 42,624 for the 1974-1975 school year to an estimated value of 38,226 for the 1978-1979 school year. Dr. Kellow stated simply that "Medicine is losing its luster." Individuals are no longer willing to put out the time, effort, and money required to become a doctor today. Dr. Kellow noted that this type of situation with a decreasing number of applicants occurred at only one other period "during my lifetime" and that was in 1961 after Sputnik when the Federal government was heavily subsidizing post graduate education in the physical sciences.

Because of the importance of this issue, the Ariel interviewed Dr. Kellow, Dean of the Medical College, and Mr. Owens, Registrar, with regard to tuition.

In seeking information on tuition and financial aid, the National Health Service Corps Program Headquarters and the Philadelphia area medical schools were contacted. The information obtained is included below in a question-answer type format.

**Who establishes Tuition?**

The tuition at Jefferson is

established by the Board of Trustees of the college.

**On what basis is tuition established?**

According to Dr. Kellow, tuition is established in the following way: During the months of January and February, the Dean holds many conferences to determine costs and expenses for the upcoming year. Dr. Kellow mentioned that he held "thirty-four conferences" at the beginning of this year dealing with tuition. By March, the Dean and the Senior Board members have a reasonable projection of the tuition which the budget will require and it is on this basis that tuition is set. **How much of the medical school's expenses does tuition cover?**

The total revenue collected from tuition income will equal \$6,937,000 for the 1979-1980 academic year. This represents 35.5 percent of the medical school's income and 33 percent of its expenses. Dr. Kellow indicated that for the 1976-1977 academic year, the sum of collected tuitions amounted to \$4,140,000. This sum represented only 29.7 percent of total income and 24.3 percent of expenses. Dr. Kellow noted that in 1976, student's tuitions were satisfying one quarter of the school's expenses while in 1979, the increased tuitions will provide for one third of the college's expenses.

**Why are the students being made responsible for paying a greater percentage of the school's expenses?**

The Pennsylvania Appropriation amounted to \$4,000,000 for the 1978-1979 academic year. Dr. Kellow stated that this appropriation is based on a state capitation grant of \$4400 per student. The problem, according to Dr. Kellow, is that this figure "has not been

increased for the last seven years." Thus, as costs rise, the students have been forced to carry the burden of increased financial responsibility. Also, the fact that the federal capitation grant has been decreased by 20 percent to \$1100 per student has aggravated the situation for the 1979-1980 school year. (Dr. Kellow commented that Jefferson has been "authorized" to receive \$2400 per student but the federal government has never provided the authorized amount.) This has only increased the load which must be carried by the students since tuition is the only "big source of new money" in the budget according to Dr. Kellow.

**What does the term "capitation grant" mean anyway?**

A capitation grant is essentially a fixed sum of money given to the medical college for each medical student enrolled. For example, if the capitation grant was \$4400 and total enrollment was 100 students, the total appropriation would be:

$$\$4400 \times 100 = \$440,000$$

**What is happening in Washington D.C. in terms of federal support of medical education?**

According to Dr. Kellow, President Carter asked the Congress to approve a 50 percent decrease in the federal capitation grants to medical schools for the 1979-1980 school year. Although Congress did not approve such a large decrease, it did approve a 20 percent decrease in these grants. Currently, it seems that the federal government will cut all capitation grants for the 1980-1981 academic year. The legislators believe that medical students will be making "a lot of money" when they become doctors and that they should

*cont'd on p. 5*



The Cost Goes Up!

## Graduation Groans

by Madalyn Schaefer

*The following article is the result of a recent interview with Dr. Bluemle, President of Thomas Jefferson University.*

"I think most [ticket] needs are accommodated," Dr. Bluemle replied in response to a question about the recent issue over the number of tickets available for this year's graduation ceremony at the Academy of Music. Dr. Bluemle felt that, in the past, students found out "through the grapevine" who had extra tickets, and managed to get whatever number they needed in time for graduation. However, he did recognize the need for students to have advance notice of the number of tickets available to them.

At its April meeting, the Student Council of the Medical College informed Dr. Bluemle of a survey it had done indicating that a large majority of the medical student population wanted seven or more tickets for graduation, with an average of around eight tickets per student. The present number available is six per student. In order to alleviate this problem, the Student Council proposed a separation of graduation into morning and afternoon ceremonies at the Academy of Music, (one for the College of Allied Health Sciences, and one for the Medical and Graduate Colleges), with a common luncheon in between.

The day after the Student Council meeting, Dr. Bluemle spoke with representatives of both the Medical College and the College of Allied Health Sciences. These students left him with the impression that medical students were for

separate graduations, while CAHS students wanted to maintain the single ceremony. Dr. Bluemle is presently forming a committee "to consider concerns brought up by medical students about the inadequacy of the setting for graduation," meaning the shortage of tickets, and to advise him on possible changes for future graduations. This committee will be made up of trustees, deans, and student representatives from each college, with the trustee as the chairperson. Dr. Bluemle hopes that the committee will have a proposal for him by early fall so that the plan may be implemented in the 1980 graduation ceremony(s).

Dr. Bluemle discussed several options which he felt were available to the committee. The first possibility, which could be instituted this year, would be to maintain the present ceremony, and increase the number of tickets available to the medical students at the expense of graduate and CAHS students, and by decreasing the number of VIPs invited. But the VIP list has been cut down each year so that Dr. Bluemle felt it could not be reduced any further than the present. Statistics showed, however, that 700 invitations were sent out to "VIPs" which included members of the Women's Board, Founders Club, Corporate Relations, President's Club, etc. According to Dr. Bluemle's secretary, this is the same number of invitations that were sent out two years ago. Dr. Bluemle was quick to state, however, that tickets are not sent out with the invitations (as they were several years ago), and

*cont'd on p. 5*





# Frivolous Follies Found Facetious

by Paul Doghramji

At last, the much awaited, long anticipated evening arrived. On May 9, 1979, at 8:00 P.M., the Commons cafeteria was packed to the brim for the fourth annual presentation of the Freshman Follies. The publicity and work going into the show were proof that the Freshmen had been putting more time into the performance than into their neuroscience course!

The evening began with beer and Jim Springer's musical prelude to prepare the audience for the rookies of Jefferson Med as they told, sang, and re-enacted their many experiences of the first year. The show began with a list of sponsors (Jan Gall), including Special K+ (the cereal that adds synapse, crackle and pop to your breakfast), Neurotan (perfect tan in five weeks), Wharton's brand jelly,

Rooster brand peanut butter (guaranteed not to stick to the roof of your mouth), and others.

Mr. Rich Breuhlman (emcee) took the stage to introduce the first skit, a special guest appearance by Dr. Irving Paul Finkoshin (Ed Blasko), complete with pipe and German accent. Dr. Finkoshin fielded questions from the audience: "My neighbor's kid comes over and plays with my kid in the nude. What should I do?" Reply: "Wait until they're finished, then serve a balanced lunch."

A round of applause, and then on to a burlesque of "Saturday Night Live" and "Bad Theatre." At Jefferson, though, it was "Bad Lecture," a series given by the Histology Department. Leonard Garth Pinelle (Robert Evans) came on in ascot and white loafers to introduce the collection as "exquisitely bad,

ranging from the mildly incoherent to the gloriously incomprehensible." The "class" adopted a less-than-attentive manner as Dr. Sedar (Jeff Banyas) bored himself to sleep at the podium. Dr. Sedar was followed by an excited Dr. Peusner (played by look-alike Cora Collette), who discussed the latest in staining technique - coffee, beer, jam... Her lecture attracted the attention of Dr. Chepenik (Garret Kine), of "biological bullet" fame. As they "split the scene," Dr. Rosa (John Cienki) took the vacant podium, threatening a lecture on the digestive system calculated to confuse the audience. He did except when he didn't and he didn't when he did. Dr. Rosa was replaced on the stage by Larry Dashou (J.R. Evans), who set the stage with "boo" and "hiss" signs for Dr. Epple (Paul Doghramji). Waking the still sleeping Dr. Sedar to send him off stage, Dr. Epple began a review session with slides illustrating little known histological phenomena such as cut fingers and Swiss cheese. As Dr. Epple finished, Pinelle re-entered with a preview of the next series of "Bad Lectures" - ICM with Dr. Chung (John Cienki, after a quick change).

Scene Four featured a musical act with the Chosen people singing and performing "Matzo Man" (from the hit Y.M.H.A.). Written and led by Jim O'Brien, the singing group (Randy Ryan, Jan Gall, Drew Fenton, Kim Carpenter, and Paul Doghramji) danced and sang their way to disco fame. Their next big hit, to be released soon, will be "In B'nai Brith".

The scene was set for "Mrs. Fink," aptly portrayed by Sherry Blumenthal in the guise of a "typical" Jewish mother, waiting in a restaurant for her son "DOCTOR Paul J. Fink, M.D." (Bryan Gamble). Much to the relief of the three harrassed waiters (Russell Breish, Bob Boretsky, Jeff Bloss), Dr. Fink finally appeared.

"One-Man Band," a musical interlude by Chuck Amadee, was next on the program. Chuck played a banjo, harmonica, footballs, cowbells, and symbols (many of them at once!). An encore was unanimously requested in appreciation of his talent; Chuck complied and did equally well in his final number.

On time out from emceeing, Rich Breuhlman added a turban and strode forth as "Coccyx the Magnificent," accompanied by Ed McMahon (Otter Lauter). Taking cue from Johnny Carson's "Karnak," Coccyx put his extra-sensory powers to work divining the answers to questions hidden from view in sealed envelopes. "Vietnam, Xaviera Hollander, and Neuro lectures" came in response to the question, "Name a war, a

whore and a bore."

"Next to Godliness," written by Dave Edwards and Andy Norton depicted a medical student (Andy Norton) confronted by God (I mean Dr. Brent). The good doctor appointed Andy his prophet, instructing him to go forth spreading the new wave in medicine, Brentology.

Opening the second half of the show was a broadcast of "Jefferson Update," from Station WSEM 70±2 on your dial, where "we just do enough to get by." Written and anchored by Dave Edwards, the news revealed such tibits as Dr. Fink's first words after his first five years on earth as a mute child. The content is left to the reader's memory or imagination. Mr. Edwards then presented an editorial opposing the admission of "wet-eyed women" into medical school. His main point focused on the idea that the only country in which 50% of the doctors are women is Russia - commies! (The author feels that this is a valid argument; the editor, on the other hand, asserts that it is based on erroneous data). Roxanne Rosannadana (played by Mrs. Cynthia Robinson - koo-koo-ki-choo), sister of the infamous Rosanne, was present to speak on the subject of "Cleanliness vs. Godliness." After wiping her nose with her fingers and most of her arm, Roxanne explained why cleanliness should start in medical school, specifically in the anatomy lab. "Point - Counter-Point" concluded "Jefferson Update," as Jane Curtin (played by Tom Whetzelcut!) objected to having to study all the material in medical school. The point-counterpoint, given by Dave Wasser, began with the proverbial "Jane, you ignorant slut..."

"Cut-throat," another musical sketch by Jim O'Brien, was next on the bill, performed by Paul Doghramji and accompanied by Jim Springer. Cut-throat himself was played by Robert Evans. To the tune of Billy Joel's "Big Shot," Mr. Doghramji (hey, that's me!) portrayed the angry feelings of a "Group C-er" about a "firm, stern bookworm." The nerd, at the end of the song, defended himself by saying that he couldn't help but be such a nerd - his mother made him go

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## Senex' Other Side

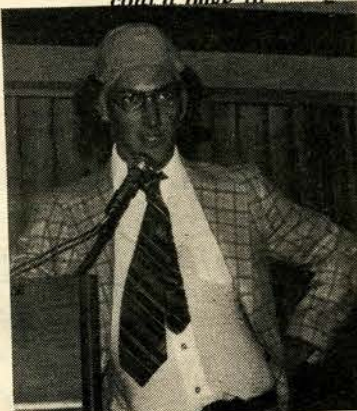
by Jim O'Brien

Most recently appearing as Senex in *A Funny Thing Happened On The Way To The Forum*, Dr. Ronald Jensh is more frequently seen by Jefferson students in the role of friend and professor. Dr. Jensh is by now a familiar figure on the Jeff campus, having received his doctorate here in 1966, following undergraduate and graduate training at Bucknell University. Currently, he holds positions as Associate Professor of Anatomy and Radiology, Co-director of the Pre-doctorate/Post-doctorate Training Program in his departments, and Division Head of Anatomy and Physiology for the college of Allied Health Sciences. In addition, Dr. Jensh stands on the Admissions Committee for the Medical Technology Program. By the way, he also produces some of the more aesthetically appealing histology Kodachromes, and sponsors a super-doooper-end-of-block histology review session. The excellence of his teaching and his dedication in the profession have earned him the notable American and Lindback Distinguished Teaching Awards, as well as a place in Outstanding Educators of America.

Dr. Jensh's talents are by no means limited to the classroom. He is presently active in the Cousteau Society, American Humane Society, American Museum of Natural History, and the Wilderness Society. He has also produced two movies and one sound-and-light program. And, of course, he is "tonically active" in amateur theatre. His photographic and theatrical exploits are shared by his wife, Ellie, whose training and talent lie in the realm of choral directing. Dr. and Mrs. Jensh have two children, Victoria (almost ten) and Elizabeth (who was five in December).

As evidenced by the large number of publications to his credit, a sizeable portion of Dr. Jensh's life is devoted to his research. His work has been primarily concentrated in the area of teratology. In fact, his

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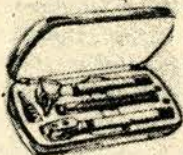
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Forum Frolickers

## Rites of Spring Celebrated in "Forum"

### MAY 1 - 4 Jeff Hall Cafeteria

by Jim O'Brien

**A Funny Thing Happened On The Way To The Forum** was written in 1962 by Stephen Sondheim in his first attempt as both lyricist and composer. It was certainly a brilliant debut for the man who stands alone today as Broadway's best musical composer. The story revolves around the attempts of a slave, Pseudolus, to win his freedom by procuring a lovely virgin courtesan for his master. But alas, she has been claimed by the barbarian warrior Miles Gloriosus. The plot becomes wonderfully absurd, yet by the time the final scene is completed, all fragmented subplots fit neatly together. This is all part of the Sondheim genius. Every action has a purpose -- even if it is not immediately obvious.

Another Sondheim trademark is his introspective lyrical style. When Domina grieves over her husband's adulterous habits, she sings, "Abusing me -- if he only would." This is an important personal statement and a brilliant comic delineation of character.

Consider also Hero's lovesick ballad, "Love, I Hear." After he mourns his state of ill health prompted by his infatuation for Philia, he sings "I've never felt so well before." Anyone who has ever had a crush on someone knows all too well this paradoxical feeling which Sondheim expresses in this exquisitely funny soliloquy.

I am pleased to say that Jefferson's production of *Forum* was excellent. Director Gene Jones deserves much of the credit for making the project work. Mr. Jones has a distinguished background as a professional actor in both film and theater. He has appeared in *Forum*, *Once Upon A Mattress*, *The Great Santini*, *Double McGuffin*, *The Yanks Are Coming* and even *Roots*. He is originally from the South, although he moved to New York city following his work here.

Junior student Da-Shih Hu was well-cast as Pseudolus, the ambitious slave. This role demanded much talent and versatility, and Da-Shih always lived up to this challenge.

Mel Barg was gloriously abominable as the barbaric

warrior Miles Gloriosus. His size and stage presence added much to the effectiveness of this comedy.

Pretty Deborah Malinak originally planned only to help as a crew member, but when Gene Jones heard her voice, he cast her as the lovely Philia. She played this role with a bouncy touch of professionalism. It is hard to believe this was her acting debut.

Junior Willis Boyd was wide-eyed and innocent in his portrayal of Hero. His rendition of "Love, I Hear" and his duet with Senex in "Impossible" were touching.

Ronald Jenish was brilliant as Senex, "the dirty old man" of the story. His performance in "Everybody Ought To Have A Maid" was most representative of the cheery lust that made this character so lovable and added such a charming spark to the show.

Freshman medical student Eric Singel overcame the pressure of Structure and Function finals to shine as the lascivious Lycus. His talent was well displayed by his effective portrayal of this sinister character.

The range and beauty of Lori Stein's voice in her portrayal of Domina, Senex's nagging wife

were overwhelming. Her caustic character was very effective due to Lori's mastery of vocal intonation. She became tender when she had to though, as revealed in a few lonely moments of "Dirty Old Man."

Steve Thompson was appropriately energetic as the neurotic Hysterium. He made the parody of "Lovely" one of the highlights of the evening.

The remainder of the company also deserves much credit. The courtesans certainly displayed extensive talents in their seductive dance routines. The Proteans lived up to the versatility promised by Pseudolus in the opening number. Vince Viscomi was also well-cast as the gullible old man, Erroneus.

Other people deserve acknowledgement for their efforts in this production: stage manager Jim D'Amour, technical director Billy Nelson, choreographer Sally Janny, costumer Anita Finkelman, make-up artist Deedee Crilly, properties manager Maggie Maerz, lighting directors Herb O'Connor and Don DiLenno, and the orchestra -- musical director and pianist Ruth-Ellie Jenish, percussionist David Grebos, and bass guitarist Alan Cohen.



"Lycus, do we really need these eunuchs?"

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## Fear of Flying?

# Up, Up and Away

So you never go to University Hours because they are boring? Well, what would you say to an Hour in the sun at Jefferson International Airport (transportation free) watching some Jefferson pilots doing their thing? You may be wondering what sort of pilots would do an airshow for an University Hour. The answer is Dr. Laird Jackson, Director of the Division of Genetics, and Dr. Kenneth Chepenik, Associate Professor of Anatomy (I wonder if he flies with a southern accent). Alas, I have misled the reader -- the Jefferson International Airport is the open lot next to the Stein Research Center and the aircraft are models, not fullsize machines.

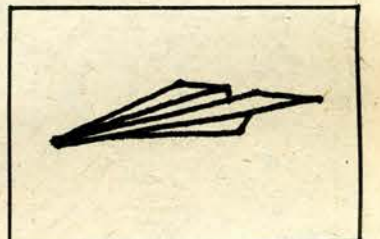
On Wednesday, May 23 at 1 p.m., the two doctors, accompanied by Herb Patrick, a Medicine resident, and Thomas Westphal, a second year medical student, will (as Dr. Chepenik says it) "bring their models and have a good time." A hit in previous years, the show promises to be a "good time" for participants and spectators alike.

The four gentlemen will be flying line controlled model airplanes, powered by small two-cycle engines (displacements varying from 0.049 to 0.35 cubic inches). Although the final program has not been disclosed, tentative plans include performance stunts and aerial combat. No, they do not shoot at each other; the object of the game is to cut off a crepe paper streamer attached to the tail of the opponent's plane. In previous years, Dr. Jackson has brought some small, hopefully tough planes for use by any

spectators interested in trying their hand at flying. I certainly hope that this year will be no different.

Both Dr. Jackson and Dr. Chepenik are accomplished "pilots", each having flown model airplanes since childhood. Dr. Chepenik started around the age of twelve and has become skilled in building and flying line control and radio control models. He is a member of the West Jersey Radio Control Club, flying "strictly for fun."

Dr. Jackson began flying in competition in his high school years, twice coming close to winning a college scholarship from the Standard Oil Company. During his medical



school years, he taught a class of underprivileged children to build model airplanes (gliders and rubber band powered) with materials provided by Plymouth. Since 1966, he has been team manager of the United States Championship team.

So, if you're tired of boring, humdrum, everyday lunches (and who isn't?) let me recommend University Hour, May 23, as a change of pace (literally!). And, by the way, if you can corner any of the participants for a few minutes' conversation, you may hear some great stories on past model airplane experiences, among other things!

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# UNIVERSITY HOUR

by Edward G. Zurad

The University Hour program has been suffering from a syndrome of dwindling attendance. According to Ms. Brenda Peterson, Program Director of the Commons, "only a dozen people" attended some of this year's programs. Ms. Peterson stated that Mr. John A. Timour, University Librarian noted that the problem should be opened up for discussion in order to determine the future of the program.

According to Ms. Peterson, the University Hour originally started as an afternoon "tea" where speakers discussed

subjects unrelated to medicine in order to bring some variety and contrast to our medically oriented university.

In examining the concept of the University Hour as a whole, several interesting pieces of data were uncovered: In a study of the present sophomore class, it was found that 75 percent of the members had attended at least one University Hour program. Also, it was noted that the programs which drew the largest attendance were those in which the speakers were people from the Jefferson community.

Many alternatives to the present program have been

suggested in order to save the University Hour for the future. One alternative is that the time be changed from 1:00 p.m. to 12:30 p.m. so that more university employees could attend the programs during their lunch hours. Another suggestion was to change the location of the program (from the auditorium to a conference room type setting) and to have a Socratic type of presentation with more discussion.

Ms. Peterson stated that it has been decided to schedule a total of six programs for next year's University Hours. She indicated that perhaps speakers of higher caliber may be sought for the limited number of programs. (Ms. Peterson noted that Ms. Shirley Hite of the famous Hite Report, once spoke at a University Hour).

Thus, the University Hour will survive next year although its existence will be limited.

## Senex Returns

cont'd from p. 2

interest in this relatively new field first attracted him to Jefferson, where Dr. Robert Brent was an early pioneer.

Most recently, he has been involved in research dealing with behavioral teratology, a field which attempts to assess post-natal behavioral effects caused by the introduction of noxious stimuli during pregnancy. Current study in Dr. Jensh's lab centers on the topic of "Biological Effects of Six Gigahertz Microwave Irradiation," a two-year project funded by GTE Laboratories, to examine the effects of microwave irradiation introduced during gestation. His apparatus is a radiation-sealed ten-foot-cubed room with a microwave beam generated by a satellite telecommunications source. Pregnant rats are given varying doses of radiation; behavioral and physiological function of the offspring are monitored for a five-month period. Although the results are not yet complete, Dr. Jensh

states that his present data indicate that any behavioral disturbances seem to be the result of thermogenic effects of the radiation and are probably not the direct effect of the microwave radiation itself (which is non-ionizing). Such thermal effects are accompanied by a radiation dose much higher than that permissible in microwave ovens and satellites; however, the results of the project should provide valuable insight into some biological dangers of low-frequency radiation.

Dr. Jensh maintains this active lifestyle despite previous health problems. At age twenty-seven, he suffered the first of four myocardial infarcts; he later underwent triple bypass open-heart surgery. This series of close calls was partly responsible says Jensh, for a reorganization of his priorities. He strongly believes that "Determining the individual's own objectives, more so than merely obeying social constructs, is paramount in deciding one's goals in life."



From l. to r., bottom row: Theresa Carrigan, Donna Farber, Kittsey Reihard; top row: Advisor Estolle Gross, Linda Harker, and Beth Macy.

## Med Techs Win Pennsy Title

by Jim O'Brien

In April of this year, for the first time in the history of the College of Allied Health Sciences, five Jefferson contestants won the Pennsylvania Society of Medical Technologists College Bowl Tournament. Jeff was well represented by senior Medical Technology students Kittsey Reihard, Beth Macy, Donna Farber, Theresa Carrigan, and Linda Harker.

College Bowl is an academic question and answer contest between two opposing groups of four players. Twenty-two schools competed in this year's tournament, held at Seven Springs Resort near Champion, Pa. Jefferson won eight of its

nine rounds, losing only to Sacred Heart. Ironically enough, Jeff won the tournament by edging out two victories over Heart on the final day. The score of the championship match was Jefferson-100, Sacred Heart-95.

Having accomplished a major victory in the State finals, the team will now represent Pennsylvania in the Eastern Regionals to be held May 19 in Philadelphia. If Jefferson should win here, the students will travel west to Las Vegas for nationals.

The Ariel wishes to extend its congratulations to the team and to the Department of Medical Technology for an outstanding achievement. Our best wishes for continued success!

by Meg Trexler

Food and drink, song and dance--as well as a number of other things--formed the program for this year's TJU Weekend. The Friday afternoon kickoff can only be described as "spacy", or "a real gas" (i.e., a robot handing out balloons during lunch outside Jeff Hall). The final performance of "A Funny Thing Happened" that evening brought the song and dance aspect of the weekend into play (sorry about that!). For a more complete and less facetious review see the relevant article, contained somewhere within this publication (but without stealing too much thunder from said article, I can't resist my chance to mention that it was, indeed, a very enjoyable event).

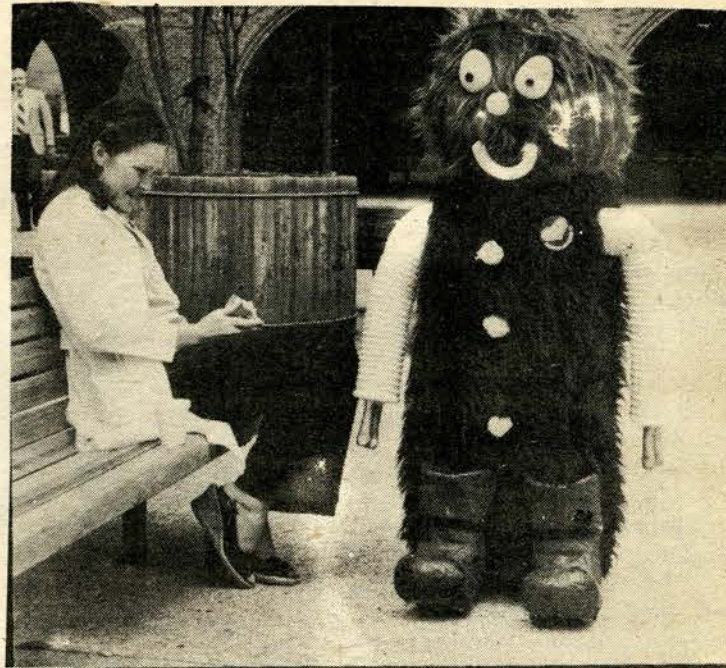
Both Saturday's and Sunday's schedules included the Old Market Fair. This year's theme was "Melting Pot", featuring various ethnic foods, drinks, crafts, etc. The event is sponsored annually by the Thomas Jefferson Hospital Women's Board, and this year it happily coincided with TJU Weekend. The gala finale to a gala day was, not the Derby on TV, but a 10th birthday party--all invited--for the Jefferson Commons. Celebrants celebrated with dancing to live music by "Argus", as well as with typical celebratory food and drink.

In writing reviews of such anniversaries, it is common practice to list highlights of the past so many years. In keeping

with tradition (as is common practice here), we shall do so. As we all know, the Commons is the organization that provides for TJU such diverse programs as co-curricular courses, TG's, University Hours and other cultural events, team and individual sports and recreation, as well as hotel and cafeteria facilities. In the recent past co-curricular courses have ranged from scuba diving and disco to mixology, to pick a few out of the multitude. As to sports and recreation, a few statistics demonstrate the vigor of the program. For example, did you know that this year 27 teams played intramural basketball? And were you aware of the fact that an average of 1500

people per week (not counting repeats) take advantage of Common's programs? Impressive, isn't it? To highlight this aspect of its program, Commons held Open House in the recreation area during the entire past birthday party week. Further back in history, one finds accounts of Common's sponsored weekends in the mountains and spring picnics in the wilds of Indian Springs Camp in Lancaster. Speaking of Spring Picnics, this year's will be May 30 and includes food, games, and live entertainment.

All in all, it's been a full ten years--and a full weekend! Many happy returns, and best wishes for a long and lively future!



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# Tuition Goes Up and Up

cont'd from page 1

support their own education. **What can students do to prevent the government from cutting off financial support?**

Students can write their congressmen and let them know what their feelings are concerning these issues. Dr. Kellow noted that the best that could happen is that the federal capitation grants will be continued at the current rate (with the 20 percent decrease from 1978).

Dr. Kellow mentioned with hope that Congress may replace the capitation grants with some other type of federal appropriation. However, this is only speculation.

**What does the term graduated tuition mean?**

A graduated tuition is the type of tuition which is employed by Jefferson. That is, it is a tuition which is variable depending on the year of the student (normally decreasing as the student progresses through school) as opposed to a standard fee for all four years.

**Why does Jefferson have a graduated tuition?**

Dr. Kellow proposed the concept of a "graduated tuition" three years ago after tuition "took its first big jump." He proposed it for the following reasons: The largest tuition is for the freshman year with the rationale being that 60 percent of the incoming freshman hold acceptances to other medical schools and therefore have an option to select another medical school if the tuition at Jefferson is too high for their budget. However, tuition decreases progressively for the remaining three years since the sophomores, juniors, and seniors do not have an option to leave Jefferson and continue elsewhere with a lower tuition. **Is there any truth to the notion that it costs less to educate upper classmen than students in the basic sciences?**

Dr. Kellow stated that the notion is false and that the lower tuition for the upper classmen (people) is for the reasons detailed in the previous question.

**By how much is tuition increasing?**

Dr. Kellow provided the following percentages which are

indicative of the tuition increases for each class:

Freshmen	20%	\$8,400
Sophomores	11.4%	\$7,800
Juniors	12.1%	\$7,400
Seniors	12.9%	\$7,000

These percentages are based on the fact that the present freshmen tuition of \$7,000 will increase by 11.4% to \$7,800 when the freshman proceeds to his or her sophomore year.

In the past, have any students been forced to leave Jefferson due to financial reasons?

Dr. Kellow stated that although there are approximately four or five withdrawals each year, he has never known of any student who had to withdraw "solely for financial reasons."

**How does Jefferson's tuition compare with that of other medical schools?**

Tuition at the University of Pennsylvania School of Medicine will be a standard fee of \$7645 for next year. Mr. Lear, Registrar of Hahnemann Medical College, informed the Ariel that the tuition will probably increase a "few hundred dollars" for each class. (Hahnemann presently charges \$10,000 for the freshman year with a graduated tuition). The tuitions for The Medical College of Pennsylvania and Temple University School of Medicine had not been released at the time of printing.

**What sources of financial aid are available to students?**

The following list includes the sources of financial aid available to medical students. Information on most of these programs is contained in the Medical School Admission Requirements Handbook.

- Federal Program of Insured Loans
- Health Professions Student Loan Program
- Health Education Assistance Loan
- Federally Insured Student Loans
- National Direct Student Loan Program
- Federal Scholarships for Students with Exceptional Financial Need
- Lister Hill Scholarships
- National Health Service Corps Scholarships
- Armed Forces Health Professions Scholarship Program

- Medical Education Loan Guarantee Program
- Medical Student Opportunity Loan Guarantee Program
- American Medical Women's Association Loans
- Pennsylvania Medical Society Loans
- Joseph Collins Foundation
- National Medical Fellowships

The Robert Wood Johnson Foundation Student-Aid Program

How many students at Jefferson are receiving National Health Service Corps or Armed Forces Scholarships?

Mr. Owens provided the following figures on the students receiving such scholarships for the 1978-1979 academic year:

Air Force	36 students
Army	24 students
Navy	18 students
NHSC	105 students
<b>TOTAL</b>	<b>183 students</b>

There seems to be a lot of interest in the NHSC scholar-

ship program since more than 11 percent of Jefferson students are involved in it. What is included in a scholarship award for the 1979-1980 academic year?

The following reply was extracted with permission from Commitment magazine, a quarterly publication of the U.S. Dept. of HEW: "All scholarship awards, whether new or continuing include a cash stipend for living expenses—\$453 a month during the 1979-80 school year starting in July—and payment to the school of tuition and fees. It also includes for most students, an additional amount to help cover other additional expenses such as books, supplies, equipment, and clinical year's travel costs. Incidentally, none of these benefits have to be reported to the Internal Revenue Service as taxable income."

**How Many NHSC Scholarships are available?**

In a phone conversation with the

Headquarters of the NHSC Scholarship Program, the Ariel learned that, due to the fact that many scholarship renewals are expected (for those who received scholarships for the 1978-1979 school year), the number of new scholarships is limited. Mr. Richard Schulman, NHSC Program Specialist stated that approximately "1100 new scholarships" will be available for the 1979-1980 school year and "about 900" for the following year.

**Is there any truth to the rumor that the NHSC program is seeking students from colleges which do not have many students involved in the NHSC program which would exclude Jefferson?**

Mr. Schulman indicated that although the program is seeking more California students than are presently involved, the rumor is generally untrue and students from any college have equal chances to receive a scholarship.

## More Groans

cont'd from page 1

that the recipient must return an enclosed postcard asking for the tickets. Two years ago, 122 tickets were sent out in response to the 700 invitations, and this year about the same number of ticket requests were received. Note that these figures do not include the trustees or recipients of honorary degrees, nor the rest of the procession party. Those people involved in the ceremony sit on stage, and therefore do not take up any seats which may otherwise be available for student use.

Other viable alternatives for future graduation ceremonies include the following: (1) maintain the joint ceremony, but move it to a larger hall such as the Civic Center, (2) dissociate the colleges such that each makes its own graduation plans, or (3) have morning and afternoon ceremonies at the Academy with a common luncheon (as suggested by the Student Council of the Medical College.) Each of these are not without problems. Moving the ceremony to a larger place would defy Jefferson tradition as well as make it less personal, and

separating the graduations would further disrupt the sense of unity sought after among the colleges of the university.

When asked to comment on this personal view of the graduation issue, Dr. Bluemle refused, saying he did not wish to preempt the committee recommendations. He did want to remind the university community of his responsibilities as President. These obligations include "making sure that all constituencies have a chance to be heard," (which is the purpose of the committee), and "reminding people of the values of the original judgement to have a single graduation." The former president and trustees wanted a single graduation ceremony to foster the idea of medicine and health care as a team effort, and to present a unified front. However, Dr. Bluemle agreed with a Student Council member's comment that "the integrity of an institution such as a University will not stand upon a graduation and whether it is separated or not, but rather upon what the graduates do

afterwards."

"The question is not whether graduation should be changed," Dr. Bluemle concluded, "but when". Some change will have to occur as the university expands. Although the total number of graduates this year did not increase significantly over last year, there were significant increases in the College of Allied Health Sciences and the Graduate College. This year's decrease in the number of Medical College graduates kept the total figure nearly constant, but was atypical, and the number is expected to return to the former levels. The net result will be an increasing number of graduates and a decreasing space available for guests.

Dr. Bluemle further concluded "In the end it is the students' decision. They are the ones involved, and should have the opportunity for family and spouses to join them at their graduation ceremony." He implicated that if the democratic process were invoked, the result would be predictable, and the Allied Health would be outvoted.

## Scribes' Scribble

by Jim O'Brien

The Jefferson Note Service is a vital part of our class material. May students often say they'd flunk without it, for they are neither fast enough to record all the material in a lecture, nor studious enough to attend every lecture.

The scribe has taken on a much larger and more spiritually important role over the past few years—that of a comedian. Every time the notes are printed, the first thing many students do is to rummage through to find the little jokes at the end of lectures. Of course there are the masterpieces, which are to extensive to print here.

Here is one of Jeff Banyas' more mild poetic works:

*'Twas the night before finals  
And all through the dorm  
Nor a student was stirring;  
No parties would form.  
The notebooks were open—  
They'd been so all day,  
In hopes of each student*

*Of getting an 'A'  
When what to my wondering  
eyes should appear  
But a miniature bar and eight  
cases of beer!  
Out of the dorm rooms we flew  
like a flash,  
Tore open the tabs and started*

cont'd on p. 9

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# Separate But Equal

Graduation. For the Medical College Senior Class this word means an end to four years of hard work. As June rapidly approaches, the perennial problems associated with graduation surface again. An examination of the current University graduation clearly reveals that it is unsatisfactory. The seating at the Academy of Music is inadequate; the ceremony is impersonal; and the exercises are directed at the Medical College.

Graduation is in essence a ceremony for the family of the graduating student. Students often view graduation as another ceremony to be endured, whereas the family views graduation as a symbol of the student's achievement. As a result, graduation should be designed to meet the needs of the family and not to satisfy the University administration.

Currently each graduating student receives six tickets for his or her family at graduation. Since the majority of medical students are married by the time they graduate, this ticket limitation means that part of a student's family will be unable to attend the graduation. A recent poll conducted by the Medical College Student Council revealed that 70.3% of the Junior Medical Students and 63.0% of the Sophomore Medical Students could use seven or more tickets. On the average this poll showed that if they were graduating this year, Juniors and Sophomores could use almost eight tickets per student as opposed to the six tickets currently allotted. It is clear that the current ticket distribution does not meet the needs of a large majority of the graduating medical students.

At present the graduation exercises are impersonal. The largest part of the ceremony consists of watching students receive their degrees. Although Jefferson is one of the few universities to maintain the fine tradition of individually robing students, the large number of graduates precludes having a speaker, traditionally a part of the Medical College graduation.

Finally, graduation is oriented towards the Medical College. The Medical College has existed for almost 155 years and graduates the largest number of students each year. As a result, much of the ceremony is directed at the Medical College. CAHS students graduating at the same ceremony often feel slighted. Graduation is for all of those graduating; the exercises should meet the needs of all segments of the University.

These problems associated with graduation are not new but have existed for several years. The problems will not disappear in the next few years but will only increase as the enrollment at the University increases.

Several solutions have been proposed to ameliorate the problems plaguing graduation. Moving the graduation would mean breaking with the tradition of graduating at the Academy of Music. The Spectrum and the Civic Center are the only two facilities large enough to accommodate the University. Notwithstanding the major transportation problems associated with such a move, these alternatives lack the rich atmosphere and tradition of the Academy which help to make graduation special. The only feasible alternative is to separate graduation. One graduation in the morning for doctoral and advanced degree candidates and one in the afternoon for bachelor degree candidates would solve all the problems with the current exercises. The seating would be adequate. Each ceremony could be tailored to meet the needs of the graduates and their families. Each ceremony would be oriented towards those who are graduating. A luncheon at noon would be an excellent link between the two graduations.

One of the major arguments against separating graduation is that it would fragment the University, destroying a concept which has been carefully nurtured during the past several years. It has been pointed out that the Medical College has long dominated University decisions at the expense of the CAHS and that separating graduation would only increase this imbalance. However, the current ceremony does more to perpetuate this imbalance than does the proposed separation. A separate ceremony would allow the CAHS to tailor their ceremony to fit their own needs and possibly to solidify a fragmented college. Despite its title, the University is fragmented, but it is a fallacy to think that by graduating together these fragments can be cemented into one unit. Only by working together all year long can the colleges ever hope to become one university. In the long run, separation of graduation would do more to achieve this goal than the current graduation ever will.

John Angstadt  
Vice President

JMC STUDENT COUNCIL



The Student Newspaper of Thomas Jefferson University  
Jefferson Alumni Hall, Box 27

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# How Much is 15¢ Worth?

Are you interested in parlaying fifteen cents into 1,400 dollars? If so, then write a letter to your congressman expressing your feelings about the proposed reductions in Health Education Assistance Funding.

President Carter has promised taxpayers that the 1980 budget will be an austere one. The administration has forecasted that there will be too many doctors in the United States in the near future, and therefore government funding for medical education should be considered a low priority. Using this reasoning, the President's budget proposes eliminating funds for medical school loans, scholarships, and capitation grants.

Under the capitation program, each medical school receives between \$1,200 and \$1,400 for each student for each year they are enrolled. At Jefferson, capitation funds amount to approximately 1.10 million dollars that the school receives

from the government. Nationally, the President wants to eliminate 120 million dollars in capitation funds that U.S. medical schools currently receive. Virtually all medical schools have claimed that their tuition will rise as a result of these cuts -- many in a dollar for dollar trade-off.

Health Professions Student Loans (HSPL) and Exceptional Financial Need Scholarships are also in danger of elimination or reduction. HPSL loans are designed to pay tuition plus some of the students living expenses.

Seven million dollars worth of EFN scholarships go to students with exceptional financial need. By eliminating these funds, students who are most needy will have one less avenue available for financial assistance.

Although the president recommends a budget to Congress, the Senate and House of Representatives decide what

will be funded and at what level. Congress is heavily influenced by what the voter at home feels on an issue. The House and Senate Subcommittees will be reporting their recommendations to Congress this month. If you can not afford to pay an extra \$1,400 dollars a year in medical school costs, then spend 15¢ for a stamp and write to your congressman TODAY.

An addendum, Congress recently rescinded 24 million dollars in already appropriated capitation funds for the current 1979 year. Jefferson lost \$250,000 that the college expected to receive from the government. Are you going to silently standby while the remaining 120 million dollars for medical schools is eliminated from the federal budget? WRITE TODAY

Address your letter as follows:  
The Honorable  
U.S. (House of Representatives  
or Senate)  
Washington, D.C. 20515

# CAHS SPEAKS OUT

*Whereas the ARIEL claims to be the official student publication of Thomas Jefferson University; and whereas the editorial staff of the ARIEL is composed almost entirely of students of the medical school of Thomas Jefferson University and most of the material published herein concerns activities in said school; and whereas efforts are being made by many to promote a spirit of cohesiveness amongst the several colleges within the University; and whereas it has come to my attention that in general, students within any one college are relatively ignorant of the structure, functions and activities of the other colleges in the University:*

*Be it known that an attempt is now made to dispel the clouds of ignorance and mystery that appear to surround the activities of the College of Allied Health Sciences, for the enlightenment of other students at Thomas Jefferson University in the hope that a clearer understanding of what said College actually is and does will enhance both a sense of cohesiveness as a University and a spirit of cooperation as future health professionals.*

*Hopefully the following article will increase the knowledge of the rest of the University about the College of Allied Health Sciences and what its students are busy doing. The College has its own governing body, the Student Advisory Committee, and has four members in the University Forum. As yet the College is only young - ten years old in fact - but hopefully the time is close when the Medical College, the college of Graduate Studies and the College of Allied Health Sciences can all be aware of what each has to offer to Thomas Jefferson University, and we can function truly as a University realizing the "University Dream" for our institution.*

By Roslyn Taylor

The College of Allied Health Sciences (CAHS) has approximately 600 students, the majority of whom are female, which has obvious advantages in balancing out the predominantly male contribution of the medical school to the overall student body. There are eight programs of study within the College of Allied Health Sciences. Each is discussed separately below. Dr. Lawrence Abrams is the Dean of the College of Allied Health Sciences, and Dr. Rhonda Karp will be Assistant Dean from July 1, 1979. Mr. William Thygeson has just been appointed Director of Student Affairs and Services also effective July 1, 1979. The administrative offices of the college of Allied Health Sciences are on the second floor of Jefferson Alumni Hall.

The Department of Medical Technology awards a baccalaureate degree after two years of study at Jefferson. As with the other four baccalaureate degree programs, Med Techs have had at least two years of liberal arts at other colleges, and transfer to Jefferson for an upper level

(junior and senior year) degree program. Here they study the analytical and diagnostic procedures used in clinical laboratories and in medical research. The Medical Technology Department office is also on the second floor of Jefferson Alumni Hall.

The Department of Baccalaureate Nursing is likewise an upper-division program, preparing students to become effective professional nurses. Graduates take state board examinations to become R.N.'s. These are the nursing students you may sometimes see around the campus wearing dark blue uniforms. Baccalaureate Nursing is located in the Health Sciences Center at 9th and Sansom Streets.

The Department of Radiologic Technology prepares students as technical assistants, educators and supervisors in radiologic technology. Rad Techs have advanced clinical knowledge in diagnostic procedures and radiologic technology. This is a baccalaureate degree program also, located in the Health Science Center.

The Department of Cytotechnology, again a baccalaureate program, educates students in the specialized field of cancer detection by the microscopic study of cells. Graduates are able to function as highly qualified clinicians, administrators and researchers. Cytotechnology is located on the second floor of Jefferson Alumni Hall.

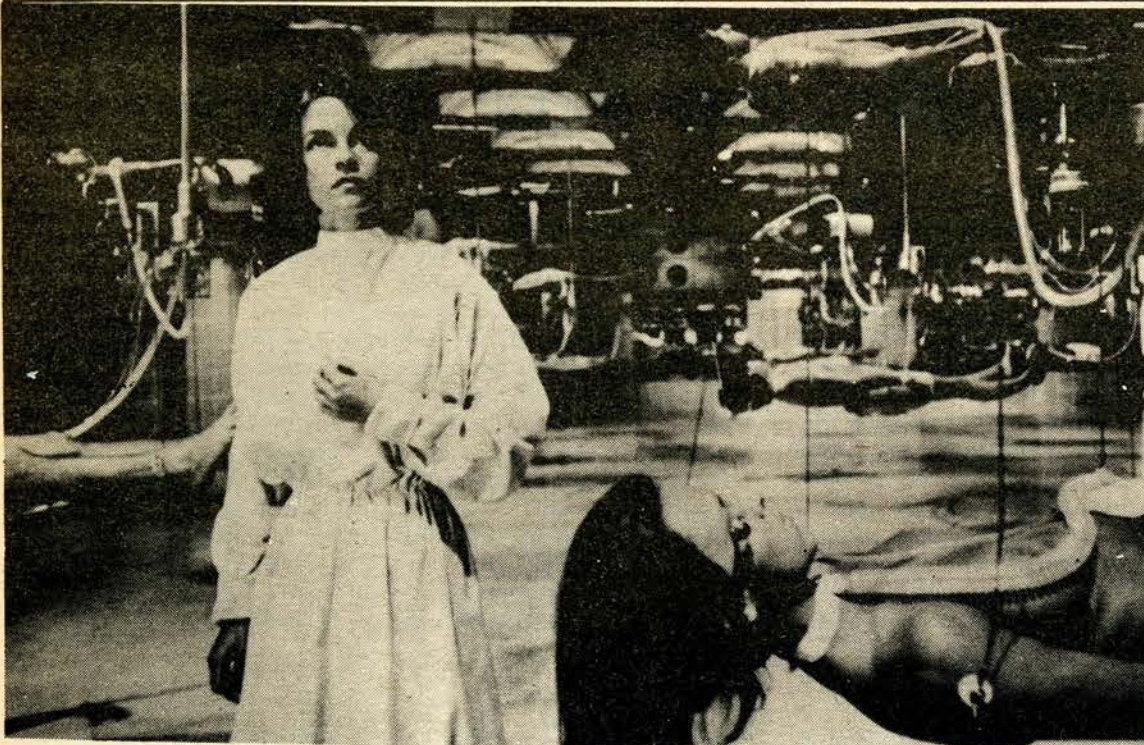
The Department of Dental Hygiene will be awarding its first baccalaureate degrees this year as its first class graduates after their two years at Jefferson. These graduates can deliver preventive and therapeutic dental hygiene services as health care providers. You may have been approached by a Dental Hygienist already, looking for volunteer patients to be treated at their luxurious clinic in the Health Sciences Center.

Two degree programs are offered by the Department of General Studies to members of the Jefferson community. These are the Associate in Science and Associate in Arts degrees. Courses can also be taken for credit or audit without leading to a degree, or to make up course deficiencies in pre-requisites for baccalaureate programs. The Department is located in the Health Sciences Center.

The School of Diploma Nursing also prepares nurse eligible to become R.N.'s. A diploma is awarded after 33 months of study and experience. Diploma nursing students are easily recognized in the hospital and on campus by their pink uniforms. The School of Diploma Nursing is housed in the Health Sciences Center.

The School of Practical Nursing is a 12 month program, at the end of which a certificate is earned. Graduate are eligible to become licensed as L.P.N.'s and give patient care as members of the health care team. These are the student nurses who wear light blue uniforms in the hospital and elsewhere. This program is also located in the Health Science Center.





Physio Lab 1980: Bigger and Better Things

This issue finds the Ariel in a state of flux. The sophomores have moved on to miniclerkships, and a new editorial board has been chosen to fill in the void. While the previous staff has done a commendable job, there are a few problems which we would like to rectify. This year we are attempting to make the Ariel truly reflect that which it is supposed to represent - TJU. Formerly, the editorial board consisted of medical students; this year, in an effort to improve the Ariel, we have appointed a junior cytotechnologist as editor in charge of CAHS news (just check). In addition to involving other colleges of the University, we hope also to eventually take a more active interest in hospital and community issues. We hope that our readers will respond to this change, and will inform us of any subjects which they would like to see covered.

Past issues of the Ariel have encountered financial problems. We would like to reverse that trend in the coming year so that the paper is financially independent of the University. This involves a fair amount of advertising which needs to be backed up by our readership. If you patronize one of our advertisers, but sure to mention the Ariel.

We would like to take this opportunity to thank all those who contributed to the paper this year, and hope that they will continue to do so next year. We wish the graduates success in all future endeavors, and the sophomores good luck in their clinical years. For those who remain here with us, have a great summer, and see you again in the fall.

Madalyn Schaeffgen  
David Reich

# Letters

Dear Editor,

Now that nuclear energy has become a big issue, almost everyone has some kind of opinion about it. And although it seems to be in vogue to be an "anti-nuke" these days, this is an issue that deserves careful consideration before we throw away a very valuable energy resource indeed.

America is an energy dependent nation. We require vast-and growing-amounts of energy to support the lifestyle we have created. We already have to import a hefty chunk of that energy, and the price is beginning to show up at our gasoline pumps.

Nuclear energy is one of our biggest domestic energy resources; used in breeder reactors, it is an almost limitless resource. Right now, maximum development of both our nuclear and coal resources are necessary to fill projected energy needs. Unless there are tremendous breakthroughs in other energy technology like solar or geothermal, there is simply nothing else available to fill the gap.

The benefits of nuclear power-clean, inexpensive, and abundant domestic energy-

must be weighed against the risks of low level radiation exposure. I believe that, with proper safety measures, the benefits will vastly outweigh the risk.

Sincerely,  
Kathleen J. Woods

Dear Editorial Staff,

As I understand the purpose of the follies, it is a chance for all of us to vent a little steam and have some fun doing it. There were some jokes, however, that were not only not funny to me, but which made me very uncomfortable. I doubt that anyone would have included jokes in their routines which made fun of racial/cultural groups such as Blacks, Hispanics, or Asians. What makes anti-semitic jokes exempt from this category? I found them very offensive and tasteless and thought they had no place in the follies. To think that these jokes didn't reflect prejudice is just plain naive. I think that unless we become more aware of our prejudice and fear, so that we can then deal with the problems these feelings create, we will be less effective physicians.

Lorri Palos

## CAHS Editor

The ARIEL is our university newspaper, and it is the responsibility of the C.A.H.S. student body to insure we are adequately represented within its pages. Our past lack of interest has let the ARIEL become a less than effective medium for our views.

There are many issues which concern us as students. Tuition increases and the graduation controversy are just an example of two current items that warrant attention.

Plans for future editions include a special feature section from each of the Allied Health Departments, coverage of social events, as well as articles of technical interest in each discipline.

As you probably have guessed, we need your help in this endeavor. If you have any interest in writing an article or just have a few ideas, please let us know. I can be contacted through ARIEL, Box 27 Jeff Hall, or at the Department of Cytotechnology, 2nd floor of Jeff Hall. Good luck on finals and enjoy the summer break.

John Guardiani  
C.A.H.S. Editor

## Exam Follies

Now that the dreaded teaching block of anatomy and physiology has passed by all but the most unfortunate of freshman medical students, few if any of us wish to dwell upon those morbid times. One particular facet, however, merits further examination.

The A&P segment of the freshman "Introduction to Clinical Medicine" (ICM) course suffered a slap of disrespect from the Students as reflected in the final grades. A full 54 out of 235 freshmen legitimately passed the final exam. The next question is therefore obvious - Why did the students perform so poorly? The overwhelming consensus of students support the simplistic answer: the scheduling of the examination and the nature of the material were such that proper assimilation was next to impossible. In other words, the time required to sufficiently master the anatomy and physiology courses did not permit adequate attention to be given to ICM, as the ICM final was scheduled five days prior to the basic science finals. In response to a student council questionnaire, over 90% of the class favored moving the exam out of the A&P block.

For various reasons, changing the exam date proved to be unfeasible. First and foremost, the freshman reaction to the exam schedule came far too late for smooth and effective movement of the ICM final. When the students finally realized their predicament, the exam could no longer be scheduled for an earlier date, but only for a later one. For the exam to be given at a later date, permission and time had to be granted by the officials of the neuroscience courses. Initially, these officials would not commit themselves one way or another. With virtually no other alternative, the student council prepared their plea to the Curriculum committee to push back the exam date on the assumption that a date would be available. Then at the last minute, the officials of the neurosciences course refused to grant the time, thus destroying the basis of the freshman plea.

The Curriculum Committee gave indications that such a motion probably would not pass anyway, for reasons seemingly more political than sensible. For one, the Committee felt that its emphasis was not on changing exams but on monitoring the Jefferson curriculum, and that too many arguments for changing exam dates had been heard too often. One member of the committee remarked that there was a feeling among other members that the Committee had obliged the students on already excessive occasions. These are perhaps reasonable, but what had the Class of 1982 to do with such decisions? If changes were made correctly in the first place, all of this business could have been spared. Maybe there exists the argument that not all students could be satisfied no matter what decision was made. This case, though, was not one of mere complaint, but one in which the basis for the motion was corroborated by poor assimilation of material. Surely the Committee should have been concerned.

Another, more cynical member of the Committee, when approached by a student council representative, remarked that "no matter when the ICM exam is given, the students will be studying anatomy." One must struggle to believe that an official of a medical school curriculum committee could show such disdain for a clinical course, since the ultimate goal of JMC supposedly includes training the students to become adequate clinicians.

Most medical educators seem to agree that early clinical exposure benefits the medical student by reminding him (or her) of the relevance of his basic science courses to his chosen career. This ideally would motivate the student to learn the basic science material. The scheduling of the ICM final five days prior to the tumultuous final examinations of anatomy and physiology did not achieve that objective. The vast majority of students viewed the ICM final as a nuisance and not as a motivating experience. More farsighted scheduling, such as that shown by Dr. Copeland's placement of the final exam of "Maturation, Aging, and Human Sexuality," could achieve the purpose for which ICM was spawned.

Jeffrey B. Banyas  
Editorials Editor

TO: Students (all schools, colleges, ages and sexes)

FROM: University Hour Committee

SUBJECT: 1979/80 Program Preference checklist

Current plans call for a monthly (versus weekly) set of programs to be held in Jefferson Hall, Wednesdays from noon to 1:00 p.m. over the academic year beginning on or about September 19, 1979. To give us the benefit of your individual biases, preferences and prejudices, please check or rank order your 'druthers and return your completed ballot either to the Librarian, Scott Building, your local mailroom for forwarding, or to the Commons Office, M-63, Jefferson Hall.

TO: John A. Timour, Room 310, Scott Memorial Library Building

I would like to see the following subjects/topics/personalities scheduled for the 1979/80 University Hour Program:

1. Current events (newspaper type presentations) \_\_\_\_\_
2. Faculty hobbies (could be anything) \_\_\_\_\_
3. History of Science (Medicine, biology, physics, etc.) \_\_\_\_\_
4. Human behavior (sex, thumb sucking, crime, sainthood, etc.) \_\_\_\_\_
5. Humanities (art, literature, criticism, philosophy, etc.) \_\_\_\_\_
6. Music (musicales, jazz ensembles, gregorian chanters, etc.) \_\_\_\_\_
7. Personalities (be specific, i.e., Frank Rizzo, Thomas Jefferson, etc.) \_\_\_\_\_
8. Political science (local, state and federal topics) \_\_\_\_\_
9. I would prefer a mix of programs Yes \_\_\_\_\_ No \_\_\_\_\_ Don't care \_\_\_\_\_
10. I would prefer an annual theme or series Yes \_\_\_\_\_ No \_\_\_\_\_ Don't care \_\_\_\_\_
11. I would prefer another day of the month Yes \_\_\_\_\_ No \_\_\_\_\_ Don't care \_\_\_\_\_
12. I would prefer another time of day Yes \_\_\_\_\_ No \_\_\_\_\_ Don't care \_\_\_\_\_  
If so, what time \_\_\_\_\_
13. Other comments/suggestions: \_\_\_\_\_



# Is Socialized Medicine For You?

by Angela Galdini

The AMSA chapter here at Jefferson recently had the pleasure of sponsoring a talk on National Health Insurance by Dr. Paul Freidman. Dr. Freidman is currently a radiologist practicing in Philadelphia, a past president of the Philadelphia medical Society, and a member of the council on legislation for the American Medical Association. He has also been active in discussing and developing the

idea of a comprehensive National Health Insurance since 1948.

Dr. Freidman defined National Health Insurance as a system of national medical care instituted by federal legislative action, funded by federal money and administered by the federal government. Dr. Freidman was opposed to any form of National Health Insurance that would allow excessive governmental intervention in the administration of health care and he

presented his case eloquently. Some of his arguments against the implementation of such a system were that the system would increase inflation, governmental intervention and the cost of medical care as well as decrease the quality of the care received from physicians. The above problems are not purely speculations since all of these characteristics presently exist in countries such as Great Britain, Sweden and New Zealand.

Reasons in favor of adopting National Health Insurance were also discussed and refuted by Dr. Freidman. One of the major arguments against our present system of health care delivery is the rapidly rising cost of health care. Dr. Freidman was quick to point out that National Health Insurance would also increase medical costs especially through various forms of paperwork and the staff that must be employed to deal with it. Dr. Freidman also stated that other organizations such as the post office have increased in cost even more rapidly than medical care has risen.

The high fees collected by physicians were also cited as a point against our present system and a point in favor of the National Health Insurance. Even though Dr. Freidman agreed that our present system must be re-evaluated, he felt that this was an unfair criticism. He stated that the rate of increase in the fees collected by physicians has been steadily

decreasing whereas the expenses of physicians have been steadily rising. At present the only segment of the American economy to start a voluntary cost containment program has been physicians and hospital administrators, and hospital costs have decreased by three percent.

On the Washington scene, Dr. Freidman reported that, for the present, Senator Kennedy and the AFL-CIO are blocked in their move for National Health Insurance. The bill would have divided the country into sections, provided the necessary funding, and set up bureaucrats to administer the program. This bill would also have penalized physicians who decided to enter private practice. However, there is presently a bill in Congress that Dr. Freidman believes will eventually pass. This bill pertains to large expense sicknesses and is called Catastrophic Health Insurance. This insurance would be what Dr. Freidman called an open-ended program since patients would have to qualify for the program by the cost of their medical care. One problem that may arise with this type of insurance is that health costs may rise as people attempt to qualify for this plan. Thus, a patient may select a more expensive treatment that may not be necessary simply because the insurance will cover the cost of the treatment.

Even though Dr. Freidman did

not advocate National Health Insurance, he did admit that our present system does need modification. One alternative to National Health Insurance would be to improve the quality of private health insurance by imposing minimal standards and improving coverage. Dr. Freidman also advocated a program to develop individual responsibility for self help. A partnership between the physician and patient should be formed, and the patient with the guidance of his physician should assume responsibility for maintaining his health. Dr. Freidman did not approve of the paternal air sometimes found in medical care today and he argued that the self-destruct syndrome of many patients (i.e. too much smoking, eating and drinking but not enough exercise and sleep) may be eliminated by better communication and by returning some of the responsibility for maintaining good health back to the patient.

The talk by Dr. Freidman was stimulating as well as enlightening and he agreed that our present system of providing health care is not without problems. Dr. Freidman urges all of us as budding physicians, as well as all health care professionals, to understand the important issues facing medicine and to participate in guiding the direction that our health care profession will take in the years to come.



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# This and That

...Laser lights used in rock shows and discotheques may cause serious eye damage. The lights make tiny, painless burns on the retina and have the potential to cause total blindness.

...Researchers at the U of Illinois report that fluoride in toothpaste loses some of its effectiveness against tooth decay if left on the grocery store shelf too long.

...According to a chemist in New Jersey, hens fed a diet of powdered licorice, parsley, elder flowers, rose hips, and a few other natural substances lay eggs

with 30% less cholesterol than hens fed with the usual poultry mix.

...Is marijuana clinically useful? Preliminary results with tetrahydrocannabinol (a component of marijuana) show that it is capable of reducing intraocular pressure in glaucoma patients and relieving nausea and vomiting in patients receiving cancer therapy.

...Russian citizens do not complain about the high cost of medical care. While face lift operations cost \$2,500 in New York City, there are available in

Moscow for only \$90.

...Did you know penicillin kills guinea pigs? Do not tell the Food and Drug Administration, however; they might ban penicillin from the marketplace.

...The Population Crisis Committee estimates that one in four pregnancies worldwide end in abortion. The report stated that 45 million abortions were performed last year with about half of them done illegally. In the Soviet Union, Japan and Austria, more than half of all pregnancies ended in abortion.

## More Note Service Gems

cont'd from p. 5

the bash.

We woke the next morning - still a bit drunk,

Took our exams, and proceeded to slunk.

We went to the prof and explained with tear;

He said, "Sounds like fun - see you next year!"

And Ken Tompkins' famous electrocardiography addendum:

Late Addendum to Dr. Chung's lecture: Sinus Arrhythmias

occurring without premature ejaculation or inverted T waves

leads to right ventricular hypertrophy unless lidocaine is

given to prevent reentry in which case atrial fibrillation

gives rise to ankle edema. Happy Easter!! - and don't

worry, the rest of us slunked ICM, too.

If you didn't get Cora Collette's peanut butter joke at the Follies, you will now:

What do you get when you cross a rooster and peanut butter?

A c\*\*k that sticks to the roof of your mouth!

And there were always Eric Singel's reassuring observations.

What if the person who invented biochemistry invented something else?

"Does your mind seem more and more like Teflon? - nothing sticks to it?" (Lily Tomlin)

If God wanted us to know so much anatomy, she would have labelled the parts.

To be contemplated in an altered state of consciousness -

What color is a chameleon in a mirror?

but Tina Smith was the most reassuring of all...

What do they call the person who graduates last in his or her medical school class? Doctor!!

...without being too overconfident.

In God we Trust, all others must have malpractice insurance.

And from Medicine and Film Notes...

I am Curious Yellow-stratified squamous epithelium (keratinized) Deep Throat - stratified squamous epithelium (keratinized and unkeratinized)

What do you call a female collagen fiber that flirts with a male collagen fiber? Loose C.T.

Dancing is the vertical expression of a horizontal desire.

So Cora Collette, Bob McNamara and Pauline Park chipped in:

Definition of a smart ass: someone who sits on an ice cream cone and tells you what flavor it is.

Two young males were walking across the Walt Whitman Bridge. They stopped in the

middle to take a leak. One said, "Damn this water is cold!" The other replied, "and DEEP TOO." (This followed a lecture on a small penis complex).

Once a king, always a king. But once a knight is enough.

You could always tell when classes were getting out of hand...

"Why is everybody behaving as if there were no reason to panic?" Jan Gall requested from Ashleigh Brilliant.

What do you call a person who summarizes articles for Growth and Development? A trash compactor!!! - Quiche Lorraine (just kidding!!)

Insofar as biochemistry applies to biochemistry it is not real. - Bob McNamara

but Mark Stull kept his priorities straight!

On parasympathetic cholinergic vasodilation: The person who stimulates cranial 3, 7, 9, 10 gets a lot of studying done. But he who prefers to excite sacral, 2, 3, 4 has a hell of a lot more fun.

Still Madalyn Schaeffgen kept us curious about medicine:

Have you ever seen a heart

cont'd on page 11

## Pomp Etc.

by Brian Uniacke

The 155th commencement of Thomas Jefferson University, to be held on Friday, June 8 promises to be little different from those of past years. The ceremony will be held once again at the Academy of Music, the place of choice since before the turn of the century due to its beauty and close proximity.

The Medical College will confer 215 Doctor of Medicine degrees; seventeen Doctor of Philosophy and 17 Master of Science degrees will be awarded by the Graduate College. The College of Allied Health Sciences will graduate 121 students, the largest number of graduates since its inception ten years ago. Three honorary degrees will be presented this year to Edward Chamberlain, M.D., Jonathan E. Rhoades, M.D., and Jessie M. Scott, R.N., M.S. Dr. Chamberlain, a distinguished radiologist, will receive the Doctor of Humane letters degree; Dr. Rhoades, a leading surgeon, will receive the Doctor of Literature degree. The Assistant Surgeon General in the United States Public Health Service, Ms. Scott will receive the Doctor of Laws degree. She is director of the division of nursing in the Health Resources Administration.

For those unfamiliar with the traditional format of the Jefferson commencement ceremony, a brief discussion will follow. The program, always held in the Academy of Music, is kept short and simple. The large majority is preoccupied with conferring of the degrees upon each student individually. Each student's name is announced as they walk across the stage to receive their diploma from their dean. Those students receiving advanced degrees are given hoods lined with black and blue, Jefferson's colors. Very few Universities are able to make their ceremonies this personal.

Dr. Bluemle, President of the University presides, giving the opening welcome, and addressing all those present. There is no guest speaker in order to keep the ceremony short, but still allow the individual granting of degrees. Last year's graduation took only one hour.

Jefferson has always been noted to have a beautiful convocation, admired by all who attend. In fact, Dr. Bluemle commented that the whole ticket issue has a bright side...it shows the students today also appreciate the beauty of the graduation ceremony and setting.

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**Follies Finale**

*cont'd from p. 2*  
 to Muhlenberg (hey, that's where I went!).  
 Getting back to the classroom scene, "A Copeland Interview" was performed by Ken Tompkins and Mike Franchetti (the authors), assisted by John Cienki plus "class." Mr. Franchetti and Mr. Cienki played two patients from the drug-abuse clinic - one passed out before the interview; the other suffered an obvious cortico-spinal defect. Superbly mimicking Dr. Copeland's interviewing technique, Mr. Tompkins asked such questions as, "Since when have you been

on drugs?" "Since I was twelve," was the reply. Upon ascertaining the patient's age, Dr. Copeland took a "brief" moment for calculation and concluded that the addict had been on drugs "for a long time."  
 Written by Steve Ponchak (with help), the next act "Not a Chorus Line," parodied the Forrest's recent attraction. Unlike the original, this version's "line" was composed of a group of hopeful Jefferson applicants here for interviews. A satire on the state of today's medical profession (among other things), the skit featured musical numbers "What I'd Do

for Drugs/Cash" and "Kiss My Ass Goodbye" (soloist - Cora Collette).  
 The "Saturday Night" theme returned to life with "Mr. Bill," written and filmed by Steve Flashner, with Mark Downey and Cary Lubkin. Mr. Bill's dog Spot was escorted by Dr. Sluggo to the physiology lab, there to undergo injections, cannulations, and ultimately disposal in a "doggie-bag." Oh, nooooooo....  
 Tradition was also to be a part in this year's Follies. Dick Moberg, a junior, was asked to perform his classic "Dr. Medullowitz," a modified neuroscience lecture. Pictures of the superior and inferior colliculi offered an alternate view to the one usually provided

in neuroscience lectures and texts.  
 "Samurai Anatomy Student" showed the famous Japanese soldier in a new role designed by Cary Lubkin and Mark Downey. The authors (the former the Oriental, the latter a studious and knowledgeable nerd) shared a dissecting table with Jeff Banyas and Gary Koch. Having problems with the dissection (it seems the Samurai's methods were a bit drastic), the team summoned Larry Dashou for help. Since Larry knew all his stuff (where he'd put his crib notes, that is), he was able to render adequate assistance, preventing the Samurai from performing seppuku (look it up in Junquiera).  
 "Neurotan," a brief sketch by Tina Smith et al, (in surface anatomy costumes), concluded the three-hour extravaganza. The moral of the skit? Don't do anything (especially sunbathe) during Neurosciences, lest you fall into evil and sin (right!).

The evening of reminiscing and laughter provided temporary relief from the seriousness of medical school life, and was considered by most to be well worth the time and energy. Performers expressed their feelings about being in medical school through their imagination and talent (or lack thereof), while fellow students and professors watched them make fools of themselves!  
 The evening was produced by the hard-working Richard Breuhlman, a main pillar in making the performance a success. Ed Blasko, an already experienced writer, further demonstrated talent from the director's chair, as well. Credit goes also to Patty McGuire on the lights, to Chris Erickson and Cindy Thomas on publicity, and once again, to Jim "Pianoman" Springer at the keyboard. Many thanks to ALL who contributed time, energy, talent, and laughter to the Follies.

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# Ruggers Run Amuck

by Joel Shaffer

The Jefferson Rugby Football Club is enjoying its best season in recent memory, with a record to date of 7-1-2. The spring season began with a trip to New Orleans for the Mardi Gras Rugby Tournament. Jefferson won 2 of 3 matches, beating the universities of Southern Florida and Central Missouri and suffering our only loss of the year to Illinois State University. A terrific time was had by all in New Orleans even though our campsite was flooded during the second night.

Torrential rains set the stage for our official opening match on March 24 of the Eastern Penn Rugby Union's 1979 spring season against the Rancocas Valley Bumblebees of Mount Holly, New Jersey. The South Jersey weather was an adversary, but we finally scored in the final minutes with a field goal by freshman Chris Pezzi to win 3-0. Chris' foot came through again during the St. Joe's Rugby Tournament as Jefferson won

both of their matches to walk away with the tourney trophy which is on display at the issue counter in the gym. We beat St. Joe's 6-0 on two field goals and outplayed Philadelphia Osteopathic to a 12-6 victory in the championship match.

Field goals were again critical to our attack as Jefferson came from behind to tie Widener College 6-6, on April 7. The following Saturday, Jefferson's ruggers met the lawyers of Villanova's Garey Hall at Villanova. This contest also ended in a tie as Dom Coletta

scored a try and Tray Rater converted two field goals to close the match at 9-9 draw.

University City was the scene for another set contest, but now Jefferson had to deal with the Wharton Business School, who had beaten us decisively in the fall. After trailing the businessmen 14-4 in the first half, Jefferson's first year talents Tray Rater, Bob McNamara, and Chris Pezzi tallied 16 points while the experienced Gary Thwaits scored his second try and sealed a 20-14 victory in the



Jefferson's Ruggers win the ball against St. Joe's during a time-out at the St. Joe's Rugby tournaments.

cont'd from p. 9

attack? hormone? breast feed? zygomatic arch? sperm count? sex drive? penis envy? cannon ball?

While Jan Gall supplied the recommended readings...

Uganda: A state where nonsense always leads to termination by Idi-NH2 and a hearty breaking story by his son...

I was the Product of a Consanguinous Marriage- by Dope-NH2.

...but Otter Lauter condemned those students who became too academic.

If-You-Had-Friends-You'd-Talk-Too Award- to the people who "shhh" us during lecture. ...while Ken Tompkins kept us up on the scene at the Locust St. Bar.

I do remember getting some good vibes from the place (or was that a bag lady blowing in my ear?).

Kathy Woods and Kim Carpenter kept us abreast of new scientific laws:

Harvard Law - Under the most rigorously controlled conditions of pressure, temperature, volume, humidity, and other variables, the organism will do as it damn well pleases.

Beckhap's Law - Beauty times Brains equal a constant.

Mr. Cole's Axiom - The sum of the intelligence on the planet is constant; the population is growing.

Billing's Law - Live within your income, even if you have to borrow to do so.

Emerson's Insight - That which we call sin in others is experiment for us.

One of Murphy's Laws - It is impossible to make anything foolproof because fools are so ingenious.

An appropriate ending for this article is Cindy Robinson's observation:

No one knows more about medicine than a freshman medical student. No one knows less about medicine than a beginning sophomore medical student.

This is probably because we spend too much time reading and writing jokes!



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# Sports News



Jefferson's Borborygmi Soccer Club: 1st row, left to right: Capt. Scott Kennedy, Mitch Rivitz, Ray Hillyard; 2nd row, John Angstadt, Stu Singer, Rus, Mark Hurtt, Andrej Zajac, Greg Kujala; 3rd row, Hank Pletcher, Ira Solomon, Don Kramer, Al Stiner, Kevin Mannamann; not pictured, Tom Whetsel

## Grumbling Guts Kick Balls

by Scott Kennedy

"For Pete's sake" is the slogan for the hot-running Phillies this year, but for the many members of Flying Bull Soccer Club on Sunday it has become a sputtering question often accompanied by symptoms of tephromalacia and omphalo-

skepsis. Jefferson's newly founded outdoor soccer team -- the Jefferson Borborygmi -- has extended its deleterious domain beyond the footsteps of Orlowitz to the cathedrals of Germantown where pew warmers have complained of a characteristic rumbling sound not unlike the

aboriginal noises of choking gas guzzlers along the San Andreas fault.

This weekend marks the final match of a seven game season that started way back in March. Included in the soccer league are teams from Temple Dental, Temple Medical, Penn Veterinarian, Philadelphia College of Optometry, Philadelphia College of Osteopathic Medicine, Medical College of Pennsylvania, and one independent team. This year all the matches have been held at Cardinal Dougherty High's sumptuous soccer pitch, up near Germantown.

In the opening game against Temple Dental, last year's best team, the Jefferson squad displayed some surprising togetherness and poise, only to lose a heartbreaker by a 2-1 score. Ira Solomon turned in a strong performance as Jefferson's keeper and with his absence at that spot for the next two games, the team hurt in its defense. This was a major reason for a 4-4 tie with Penn Veterinarian and a 4-1 loss to the independent club.

Following Easter break and the Structure and Function finals there was a pick up in the team spirit, and Jefferson beat out MCP and Philadelphia College of Optometry, both in overtime periods, and by a 2-1 margin. Greg Kujala turned in numerous stellar performances at his fullback position, while Stu Singer anchored mid field play. Al Stiner and Hank Pletcher were very effective from the wing positions on the front line.

It has been exciting seeing the level of enthusiasm among the some twenty players who participated this spring. Anyone who plays soccer is welcome to join the team as it continues its outdoor competition next fall.

## Black and Blue

cont'd from p. 11

second half.

With the effects of the Wharton post-rugby party worn off, Jeff's ruggers were ready to face the osteopaths once more on May 5. The D.O.'s wanted revenge after the St. Joe's Tourney loss and two quick tries and a costly penalty kick gave them a 15-12 lead with minutes to go. Jefferson arose to the occasion with two grand offensive drives which brought Chris Pezzi into field-goal range twice to win the match 18-15.

On May 12 the team played Temple Med where Jefferson had a chance to win, for the first time ever, the professional school title. The University should be proud of a team that has come this far in extramural competition. Team members include freshmen Stuart Singer, John Monk, Chris Pezzi, Bob McNamara, Allan Medina, and John Wilson. Other Jefferson Ruggers include Chip Abrahamson, Bill Laskin, Dr. Walt Prozialeck, Tray Rater, Niel Remington, Dr. John Saia, Ken Sunnergun, and George Trachte.

The Jefferson Rugby Football Club is supported by the Commons Association and the Phi Chi Fraternity and I would like to thank these organizations for their sponsorship. It has been a fine year and I hope that the future brings as much enjoyment to the participants of rugby at Jefferson as it has brought to me.

## Biochem Takes All

by Steve Eaton

The I.M. volleyball season ended Tuesday, May 8 in victory for the Biochemistry team. The Phi Alpha Sigma and Biochem teams earned the right to play in the final match by defeating two determined AKK teams.

After a suitable warmup period Phi Alph and Biochem squared off for what would be an amazingly well-played, long match. By taking Phi Alph away from their power game early in the first game, Biochem held on to win 15-13 based on their controlled floor game.

The second game was a continuation on the theme of Phi Alph power vs. Biochem control. Phi Alph won the game 15-10 on four straight points served by Stephen Bell.

In the deciding game the teams exchanged leads of one point, until Phi Alph pulled to a 12-8 lead. The next Biochem attack gained three points and set up Phi Alph with the chance to serve out the match. But Biochem immediately regained the serve and Art Brownstein went to work. He served four straight aces to carry Biochem to their first I.M. volleyball championship after three consecutive appearances in the final.

With both teams losing no one from their rosters a confrontation in next year's final seems imminent.



Jefferson's Stuart Singer tracks down a player from Medical College of Pennsylvania

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