

Lehigh Horizons



This illustration, by Diane W. Hutchinson, was used on a poster announcing a week of festivities kicking off the tenth anniversary celebration of coeducation at Lehigh. A related article appears on the back page.

Undergraduates Learn and Earn In Summertime Research Projects

By Susan E. Foltz

Seth H. Apter spent the summer reviewing literature on energy conservation for the Center for Social Research. John Tarduno worked forty hours a week in a laboratory in the geology department, designing experimental apparatus and carrying out research on the variations of magnetic coercivity in some synthetic titanomagnetite samples. Carmen A. Gabriel studied the swelling of polystyrene latex particles with monomer.

There's nothing at all unusual about research projects being conducted during the summer at Lehigh. Dr. Joseph I. Goldstein, assistant vice president for research, estimated that there were a couple of hundred research projects being done on campus over the summer. What is noteworthy about Apter, Tarduno and Gabriel is that they are undergraduates, three among a number of undergraduates from Lehigh and elsewhere who spent their summer at Lehigh in the laboratory or in the library working on research projects with faculty members and graduate students. In fact, every year, more than a hundred undergraduates participate in research projects sponsored either by Lehigh or by an outside organization.

The exact number of students involved in research projects as well as the total amount of funds spent is hard to determine because of the many sponsors. In addition, the number of students who apply varies for each research internship and for each year. Also, in the case of several projects, students from outside Lehigh are invited to apply.

Nevertheless, Goldstein noted, "One of my biggest problems is trying to inform students of the many undergraduate research jobs available. We always post a listing of the major research projects and if a student can't qualify for one of them, he can always approach his academic adviser, suggest a project, and ask for support through department funds."

Generally, students who are completing their junior year are selected to fill research positions because they have completed more of the fundamental courses that provide useful background for research. However, in exceptional cases sophomores have also been accepted.

Most students apply for research positions during the beginning of the spring semester of their junior year. Although application requirements vary for each project, in most cases the student is asked to submit a record of grades, activities, and other

credentials; a letter expressing why participation in the project is desirable; and a proposal concerning the topic of study. Wesley R. Smith, professor of physics, added, "We are looking for students who are both highly motivated and self-disciplined."

They Also Serve

Although more research projects that can accept undergraduates are located in the sciences and in engineering, students from all colleges are invited to apply for some projects. For instance, the Energy Research Center has sponsored marketing and psychology students as well as engineering majors.

Seth Apter, a senior, was one of four students chosen from 29 applicants to work on a project for the Energy Research Center. Apter, a psychology major, worked with Roy C. Herrenkohl, Jr., director of the Center for Social Research, on designing curricula for students and evaluating psychological and social effects on the child and his or her family. The research will become a part of a literature survey that Herrenkohl is preparing for the Pennsylvania Power and Light Co.

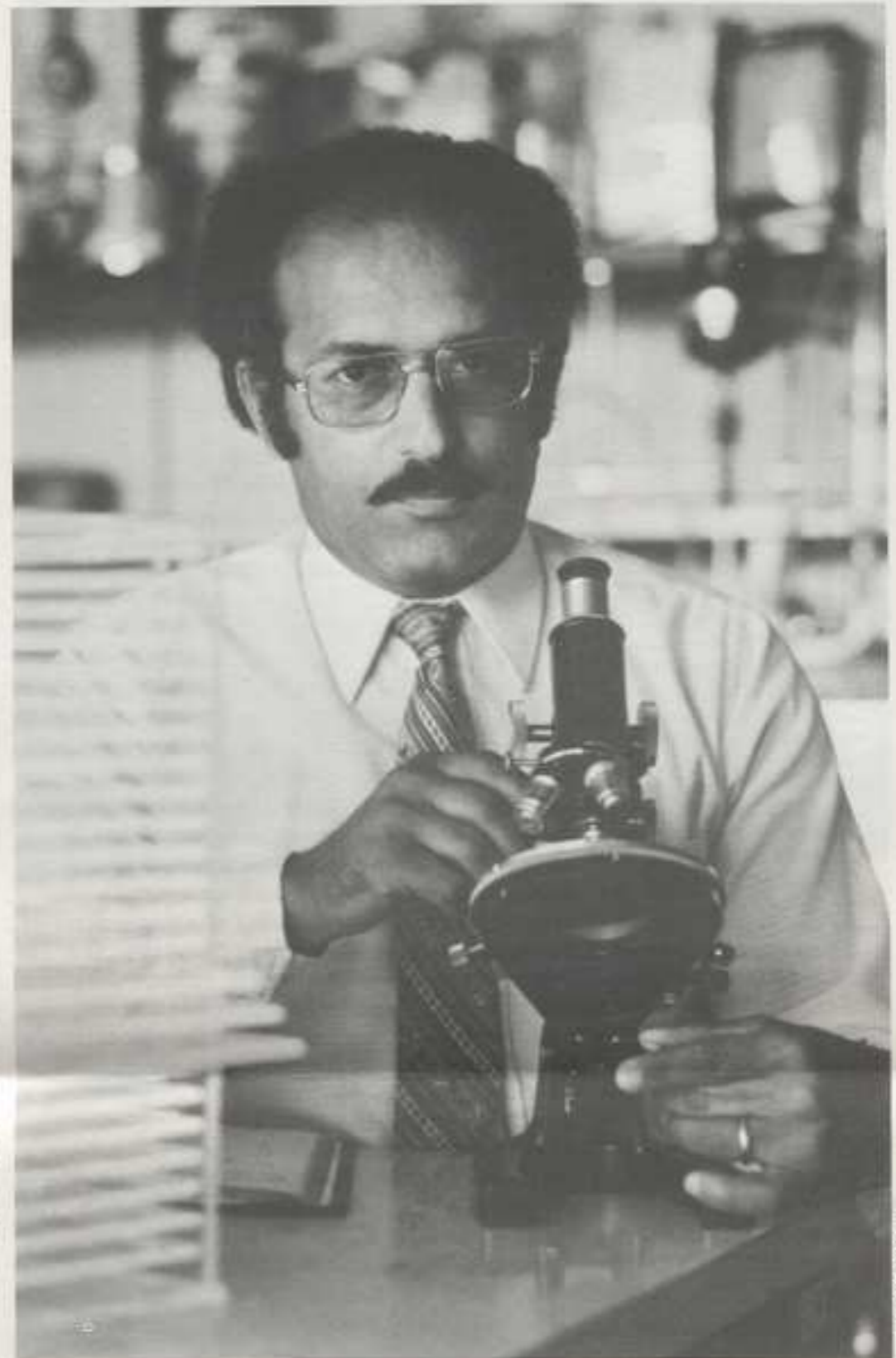
Apter, a brother at Theta Chi, was selected for the eleven-week internship by the Energy Research Center, which matched his interest with a request submitted by the Center for Social Research. He received a \$1,500 grant from General Electric Co. for his work. His primary responsibility was to analyze data and review literature relevant to the study of energy conservation.

The Energy Research Center sponsored just one of the many special research projects conducted at the university during the summer. Undergraduates doing research were also sponsored by the Sherman Fairchild Scholarship Program, Emulsion Polymers Institute, the University Forum, and the U.S. Department of Commerce.

John A. Tarduno, a junior and Sherman Fairchild scholar, spent nearly forty hours a week this past summer analyzing the variation in magnetic coercivity of cation-deficient oxidized titanomagnetite as a function of composition. Tarduno's research was unique because he used synthetic samples; prior studies in the field did not.

Titanomagnetites, which are compositions of varying amounts of titanium in iron oxide, are of importance to geophysicists because few other minerals contain permanent magnetism. By studying the magnetism in titanomagnetites,

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Mohamed S. El-Aasser, associate professor of chemical engineering, in Whitaker Laboratory.

"Research teaches undergraduates how to make use of their basic courses in attacking and solving an actual problem."

University Takes Steps to Upgrade Student Behavior



The Delta Tau Delta fraternity house has been converted into a university-operated residence known as Hill House for at least four years. It houses men and women undergraduates.

The university's undergraduates, for the most part, appear to be responding favorably to new regulations placed in effect upon their return to classes this fall.

The regulations would seem to be mild—even lenient—when compared with requirements for social activities and behavior in the 1950s. Even so, there is the sense among students and faculty alike that the university has clearly established new standards of acceptable behavior, with the expectation that in the future Lehigh will have as much high quality and diversity in social opportunities and in respect for the personal dignity of individuals as it now affords in the academic areas.

In brief, the new, stricter regulations are, in part, as follows:

- "Greek Week," the annual spring frolic of the fraternities in Sayre Park, is banned. (Traditionally, Greek Week featured such drinking events as "The Crawl," in which participants drank one beer at each of the fraternity houses.)

- Parties of any living group must be registered in advance with the office of the dean of students. (In

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Staying in Shape

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Search Update

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Correspondence

Nuclear Power: Pro

To the editor: I protest using *Lehigh Horizons* as a forum for Barry Bean's "anti-nuke" ideas without any compensating rebuttal. I respect the editor's right to a news article about the activities of a faculty member. However, when the article details the professor's arguments and gives the company's posture in one sentence the "news article" becomes propaganda.

It seems to me that this is typical of the tactics of the "anti-nuke" forces which at this time seem to be a small but very vocal minority. I am afraid that the editor and correspondent tipped his hand as to his bias by his one-sentence statement at the end of the article.

By and large I think that *Lehigh Horizons* should avoid taking positions on controversial subjects. If it is felt that an issue warrants attention, and it is still very much undecided, then at least there should be an impartial presentation of both sides of the issue.

George Gawthrop, '44
Winchester, Ky.

Editor's note: George Gawthrop is a self-employed developer, builder, and investor in Winchester, Ky. Mr. Gawthrop received the B.S. in chemical engineering in 1944. He has been involved in the construction and development of apartments, condominiums, and subdivisions since 1965.

To the editor: The article about the antinuclear activities of Barry Bean, associate professor of biology, was a disappointment. Although I am in the nuclear power industry, it is not that you published an article about a faculty member's antinuclear arguments and activities that I found disappointing. What was so disappointing was the quality of those arguments and activities.

First, using one's ownership of a single share of stock to harass a utility company for its involvement in nuclear power reflects the same level of maturity as those pronuclear activists who mail back the Sierra Club's business reply envelopes after stuffing them with weighty trash. Such conduct does not warrant recognition in a university publication.

Second, it is difficult to understand how a knowledgeable biologist could say that the effects of low-level radiation are not well studied. The subject has been studied in great depth for many years and is probably as well understood as many other areas of biology. (Do not all biological subjects reach a point beyond clear understanding if pursued to sufficient depth?) Literature on this subject is readily available.

Third, if I remember my 1951 Lehigh course in logic correctly, Bean's statement, "If they can solve these problems—and I mean solve them—then the nuclear industry should be developed," is a perfect example of a tautology. With that statement, he has laid the basis for rejecting any and all proposed solutions as not being real solutions. Actually, there are adequate solutions for the "problems" he has addressed, but I suspect that Barry Bean is one of those who cannot accept any solution because they have dedicated themselves to a holy war—against the wrong enemy. For example, the opponents of nuclear power place great emphasis on the possibility of a nuclear accident that could take 1,000 lives, even though such an accident is given a probability of occurring once in a million years. In the meantime, over 4,000 coal miners actually die every year from black lung disease. According to an American Medical Association study, a coal-fired plant is likely to result in over fifty times as many deaths each year as an equivalent nuclear power plant.

Allen G. Barclay, '52
San Jose, Calif.

Editor's note: Allen G. Barclay held management positions in the aerospace industry for 25 years prior to his current post as a principal engineer in the commercial nuclear industry. Mr. Barclay and his family have been San Jose residents for seven years.

Nuclear Power: Con

To the editor: I read the article about Barry Bean, and desire to express agreement. Back in the '50s, an article was published in *Metal Progress* by a noted English biologist who claimed that as a result of the bombing of Hiroshima 1.5 million people of generations yet unborn would die prematurely!

If my information is correct, there is a very

simple explanation for the drive of utilities toward nuclear power. Utilities are paid, so the reasoning goes, a "fair" return on their investment. It is also claimed that a nuclear plant requires ten times the investment of a coal plant. Consequently, the profit is much greater. It is as simple as that!

As a Libertarian, my solution is to take government out of economic affairs altogether. Then, with no monopoly subsidy, and strict accountability for damage, I doubt whether utilities would ever have ventured into the nuclear field. If they had, I'm sure it would have been very slowly and carefully.

John E. Erb, '23
Northville, N.Y.

Editor's note: A retired metallurgical engineer since 1961, John E. Erb worked for General Electric for 30 years. He was a specialist in tool steel in Northville, N.Y., where he and his wife now reside.

To the editor: I read with pleasure the article about Barry Bean's continuing confrontation with PP&L over their nuclear power plant. I applaud and encourage his action. Personally, I do not trust nuclear plant administrators or operators and even a cursory study of the scientific literature indicates that our hazardous waste disposal techniques—both nuclear and chemical—are inadequate compared to the toxic lifetimes of these materials.

I must also thank Dr. Bean for almost working me to death in a genetics course I took with him in 1975. He might recall me as a musician/entertainer who returned to his *alma mater* to study pre-med. Fortunately, I entered computer science rather than medicine, but my very deep interest in genetics, immunology and general biology (I have studied spiders in particular for over five years now) I must attribute partially to Bean and the rigor he required of his students.

That rigor stayed with me into my engineering studies at the University of Virginia where I was graduated *magna cum laude* (1978) and am a member of Tau Beta Pi.

I hope Bean keeps giving them hell.
Gary K. Evans, '71
Columbia, S.C.

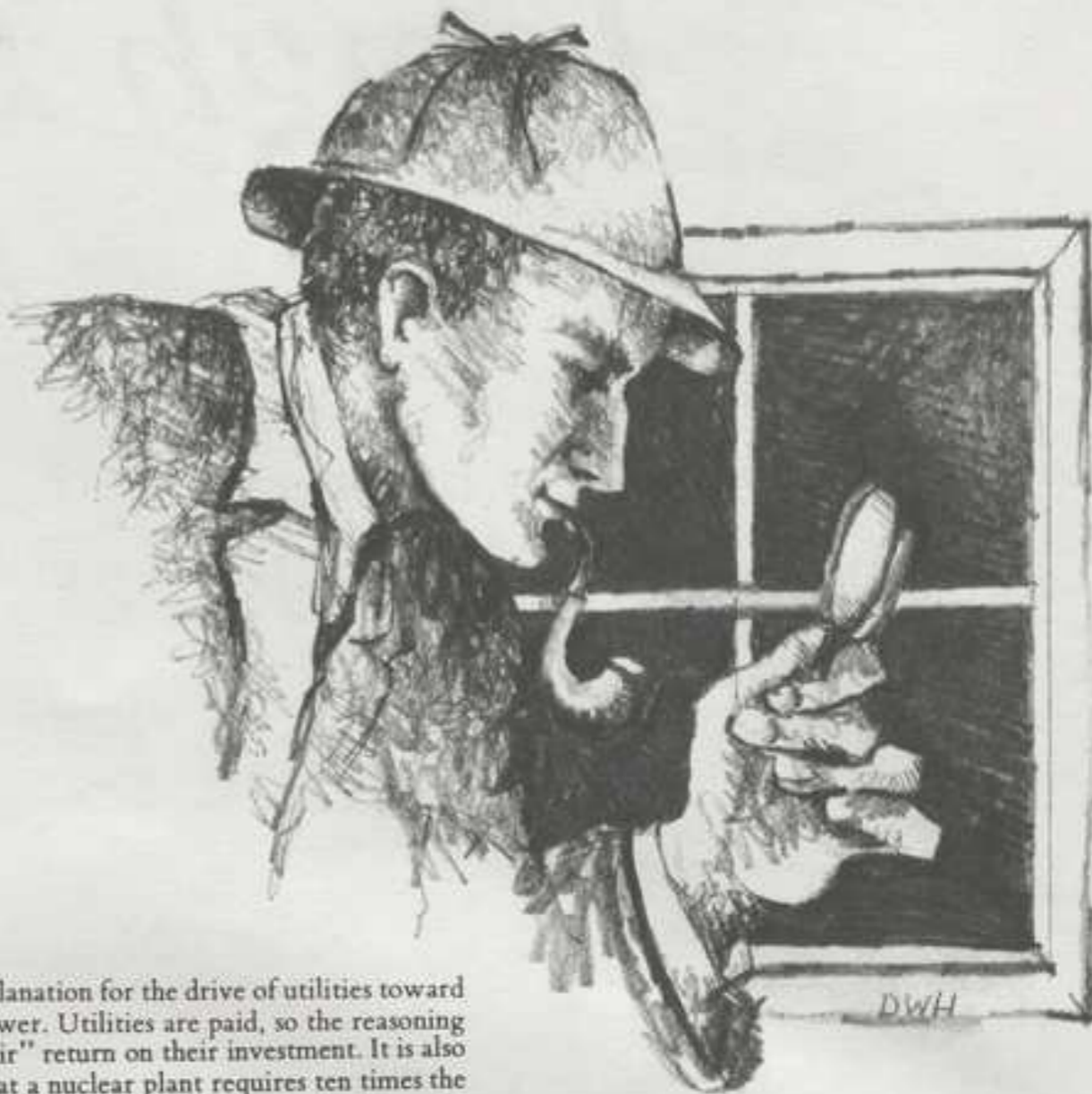
Editor's note: Gary Evans received his bachelor of arts degree in philosophy, and then returned to Lehigh in 1974-75 to study math and science as a pre-med. His bachelor of science from the University of Virginia is in computer science and he is now a programmer/analyst for NCR Corp. Despite his subsequent schooling in technical areas, he retains a strong interest in philosophy and, in fact, maintains membership in a number of professional organizations for philosophers.

Kudos

To the editor: I am very pleased with the most recent issue of *Horizons*. I feel it represents beautifully the wonderful diversity that is Lehigh—women playing squash and a biology professor concerned about the energy policy of a major utility—and shows that we are not afraid to acknowledge our warts—the Delt case.

It was nobly done! Right on!
Muriel B. Whitcomb
assistant dean of students

Lehigh University



Search Update

The presidential search committee has reported an abundance of applicants for the position of principal officer of the university, according to George E. Kane, committee chairman and also chairman of the department of industrial engineering.

Interviewed during August, Kane said that approximately 300 applications had been received. Of that number, approximately 175 individuals agreed to stand as candidates. This number has been reviewed and approximately 25 were deemed to have the qualities appropriate for the Lehigh presidency. Fifteen of the finalists have been interviewed.

By the end of August, Kane said, it was expected that approximately half a dozen extremely promising applicants could be brought to campus for second interviews. Such interviews might include conversations with university officers, the personnel committee, equal opportunity advisory committee, and vice presidents. These secondary visits are not as confidential as the first interviews, in that others in addition to the search committee will be in contact with these candidates, Kane said, although he declined to mention any candidates by name.

All of the candidates are associated in one way or another with the academic world, Kane said. The possibility of hiring an executive type from industry seems, therefore, to be remote. (Yale's former president, Kingman Brewster, had been a lawyer, so the choice of an outsider is not without precedent.) Half of the finalists have a science and engineering background, although many were seen as "not limited" to those areas, being more generalists.

Kane's committee has worked diligently to comply with its charge from the succession committee of the board of trustees. That charge is to present a minimum of three excellent candidates for the presidency by October, 1981. In meeting the charge, Kane and other committee members have put in considerable time. Asked approximately how many hours were involved, Kane responded with a chuckle, "More than one."

This university, Kane observed, is "a little ahead of the parade" among colleges and universities seeking presidents for the 1982-83 academic year. Indeed, he said, some of these institutions are just now starting such searches, while Lehigh is winding up its effort. Kane said the committee goal has been to "move promptly" so that excellent candidates are not lost to Lehigh. On the other hand, the committee's action at an early time affords those not chosen for final consideration at Lehigh to pursue other positions.

The current president, Dr. Deming Lewis, is now in his eighteenth year as president—the longest period ever served by a Lehigh president. Dr. Lewis has been granted an extension past the usual retirement age to allow him to remain president until June 30, 1982. His successor takes office thereafter.

Perry A. Zirkel, dean of the School of Education, was named to the National Labor Panel of the American Arbitration Association, members of which serve as arbitrators in private- and public-sector labor disputes. Zirkel currently serves as a member of the arbitration panels of the Pennsylvania Bureau of Mediation, the New Jersey Public Employment Relations Commission and the Connecticut Office of Labor Relations.

"I'm just enthralled...tickled to death," said Air Force Col. Thomas E. Schaefer, '53, when he was presented with a new leather-bound Bible and 1953 Lehigh class ring by the student cadets of Lehigh's Air Force ROTC detachment and by the Lehigh alumni association during his appearance as commencement speaker and honorary degree recipient. Both were taken from him by his guards during the third week of his 14½ months of captivity in Tehran.

Lehigh Horizons

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Students Respond to Innovation in Entertainment: They're High on Pony Rides and Apple Cider

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recent years, no registration has been required.)

- Parties at which alcoholic beverages are served may be held from 8 P.M. to 2 A.M. only. (In the past there were no limits and parties were even held at dawn.)

- Parties may be held only on Fridays and Saturdays, except for occasional two-hour Friday afternoon receptions. (In the past parties were scheduled on other days, including Sundays. "Pub nights" have long been held in fraternities on Thursday nights to entertain rushees; however, faculty members complained about absenteeism on Fridays. It is possible that some accommodation may be made to meet the needs of fraternities' rush programs.)

- On three weekends during each semester, living groups may hold parties only for their own members.

- Limitations are set on the number of parties that are open to all who want to attend.

- Guests must be escorted by Lehigh students who show identification cards. (The action helps living groups to keep out non-university people, such as young visitors from the community.)

In other action, the Sexual Harassment Policy for Lehigh University was distributed in August, setting forth high standards for students, faculty and staff. The policy affirms that Lehigh should be free of sexual harassment or exploitation and that it will act to protect the rights of individuals in such cases. (Sexual harassment is defined as an attempt to coerce an unwilling person into a sexual relationship, to subject a person to unwanted sexual attention, or to punish a refusal to comply with such favors.) The policy obviously would preclude such events as wet T-shirt contests. Policy statements on this subject are being distributed at many colleges and universities.

Group Suspended

Returning students also were greeted with the news that Delta Tau Delta fraternity has been suspended from the campus for a four-year period—a "college generation"—for involvement in wet T-shirt contests and a variety of other civil and social offenses. The action followed establishment last spring by the university president of an "administrative review" of the fraternity. An ad hoc committee solicited and heard testimony from many sources regarding the fraternity. The committee could have recommended permanent abolition of the Lehigh chapter. Under terms of the action, the chapter may return in 1985 if it presents terms acceptable to the university. Meanwhile, individual house members have found other accommodations and their former chapter house has been redesignated Hill House as a residential facility for undergraduate men and women.

Many students expressed the view that the university actions were appropriate, although not every student welcomed every new rule. Edward J. White, a junior who is associate editor of the *Brown and White*, commented: "I am not surprised at the administration's actions and the new social regulations. Certain students were acting irresponsibly." Kerry B. McGill, a senior and member of Kappa Sigma, said: "The Delts got what they deserved."

Others, of course, objected. For example, Michael H. Morris, a resident of Delta Sigma Phi, located west of the campus on Packer Avenue, said: "The limitation of three open parties hurts the rush program of lower-campus houses." He said that potential rushees would go to the more favored fraternity houses on The Hill to attend parties, whereas if all the houses had more parties the freshman males might also visit those in other locations.

The university has put money behind its effort to improve the cultural and social climate. The board of trustees executive committee has approved \$112,000 for additional cultural, social and educational programs involving faculty and students. There will be funding for a special program aimed at curbing abuse of alcoholic beverages. On Friday, September 18, the Residence Halls Council (RHC) sponsored a special Blue Jeans Happy Hour on the University Green, featuring free apple cider (but no beer), free donuts, and free pony rides. Such events are envisioned as the new social style on campus; there was a noteworthy attendance at the initial event.

By way of background, the administration and faculty have been concerned for years over the

problem of limited social opportunities—with the fraternities in Sayre Park dominating the social scene to a large extent. Periodically, there has been an expression of faculty concern following incidents in which student behavior resulted in severe disciplinary cases and, in a few situations, even in headlines that occasionally left the bounds of the region and were seen across the land. While only a few students were involved, the entire university image was tarnished. Prime among such cases was the alleged rape case involving Delta Tau Delta last spring, but there were other untoward incidents, including wet T-shirt contests that were perceived to be demeaning to women, fighting among men, and sporadic rowdiness. Many such incidents were perceived as attributable, at least in part, to excessive drinking.

Presidential Action

University action to effect major change began in earnest last fall when Dr. Deming Lewis, the university president, established the Ad Hoc Commission on the Quality of University Life. While formation of the commission was spurred by publicity concerning a wet T-shirt contest incident, it undoubtedly would have been formed in any event because of administration and faculty concern. This commission, headed by Roy C. Herrenkohl, professor of social psychology and director of the Center for Social Research was charged with investigating the university atmosphere and making recommendations that would help to insure that qualities essential for the university to fulfill its educational mission would be a matter of policy.

The commission was especially concerned with the need for high standards of respect for the rights of individuals—a matter germane to wet T-shirt contests and similar activities that are likely to offend male or female students or members of the faculty or staff.

With the commission's work under way, it would have been possible to allow it to continue its work until a final report could be made. However, because of continuing concern in regard to student behavior in the spring semester, Dr. Lewis asked the university's second-highest academic officer, Dr. Arthur E. Humphrey, to set up a number of special task forces that could study various needs and approaches throughout the summer. This request was made toward the end of the spring semester.

Dr. Humphrey, who is provost and vice president, complied with the presidential request without delay. The result was that members of the faculty and administration serving on these task forces worked diligently during the summer, and presented their recommendations for changes in the Code of Conduct in August. The existing code had been adopted in the latter 1960s, when the rights of individual students to conduct their own lives without interference was in vogue. Today, however, Lehigh is among colleges and universities across the nation that have found, to their concern, that at least a few students are not able to control their behavior satisfactorily. They need explicit guidance—a partial return of the university to the former *in loco parentis* posture.

The twenty-member commission's report recommended social events that would provide an alternative to those involving consumption of alcohol—i.e., alternatives to traditional fraternity parties. It noted that drinking may have contributed to past disturbances. It suggested possible renovation of the University Center to better serve student needs. (Last year, the snack bar there was renovated, and now serves as the home of the successful evening Hourglass musical events, held weekly.) At present, the center serves not only for student activities but also as the home of the journalism division, police headquarters, location of the faculty dining room, and administrative offices and meeting rooms. Additional cultural activities on the campus also were recommended.

Other Recommended Actions

Simultaneous to the work of the presidential commission, a separate group, established in October, 1980, was investigating discipline. The seven-member All-Faculty Ad Hoc Committee on the Discipline System made an interim report to the faculty in May and will issue a final report later this year. It recommended, in part, the following: review of disciplinary cases disposed of informally by individual university officers, to insure against excessive leniency or harshness; turning criminal



Thomas Anderson

*Lehigh and other colleges
have found that some students
need more regulation.*

cases over to local civil authorities but reserving the right for the university to separately discipline those accused; the issuance of written opinions in disciplinary cases so that "case law"—precedents—could be established; increasing the injunctive power of the dean of students (Dean William L. Quay), so that he could end undesirable activities even if they were not specifically proscribed; and extending the concept of corporate responsibility so that individual members of any group would be held accountable for the action of others within the group.

Elements of the reports of both the Commission on the Quality of University Life and the All-Faculty Ad Hoc Committee on the Discipline System were incorporated into the reports of the six task forces appointed by the provost. The task forces—Social Life and Regulations; Interim Revision of the Discipline Code; Administration of Discipline; Alternative Social Programs; Cultural Programming and Publicity; and Campus Education Programs—met during the summer, primarily in June. Their reports were presented to Dr. Humphrey and then to the executive committee of the board of trustees at a special meeting held in New York City on August 5.

The reports must be approved by the faculty and the University Forum before submission to the board for final approval. It is expected that at least minor refinements will be made. For example, the minutes of the August 26 faculty meeting note that students who had met the previous day to review the new regulations "had shown a talent for spotting loopholes (laughter); in the case under discussion some wanted to interpret the 'three open parties' rule as a commandment to hold a minimum of three open parties." It was agreed that the word ONLY would have to be inserted before "three open parties."

In all, the recommendations of the task forces support five major "action goals":

- The need to control the use of alcohol and to promote responsible drinking patterns among Lehigh students.

- The need to control student violence and other

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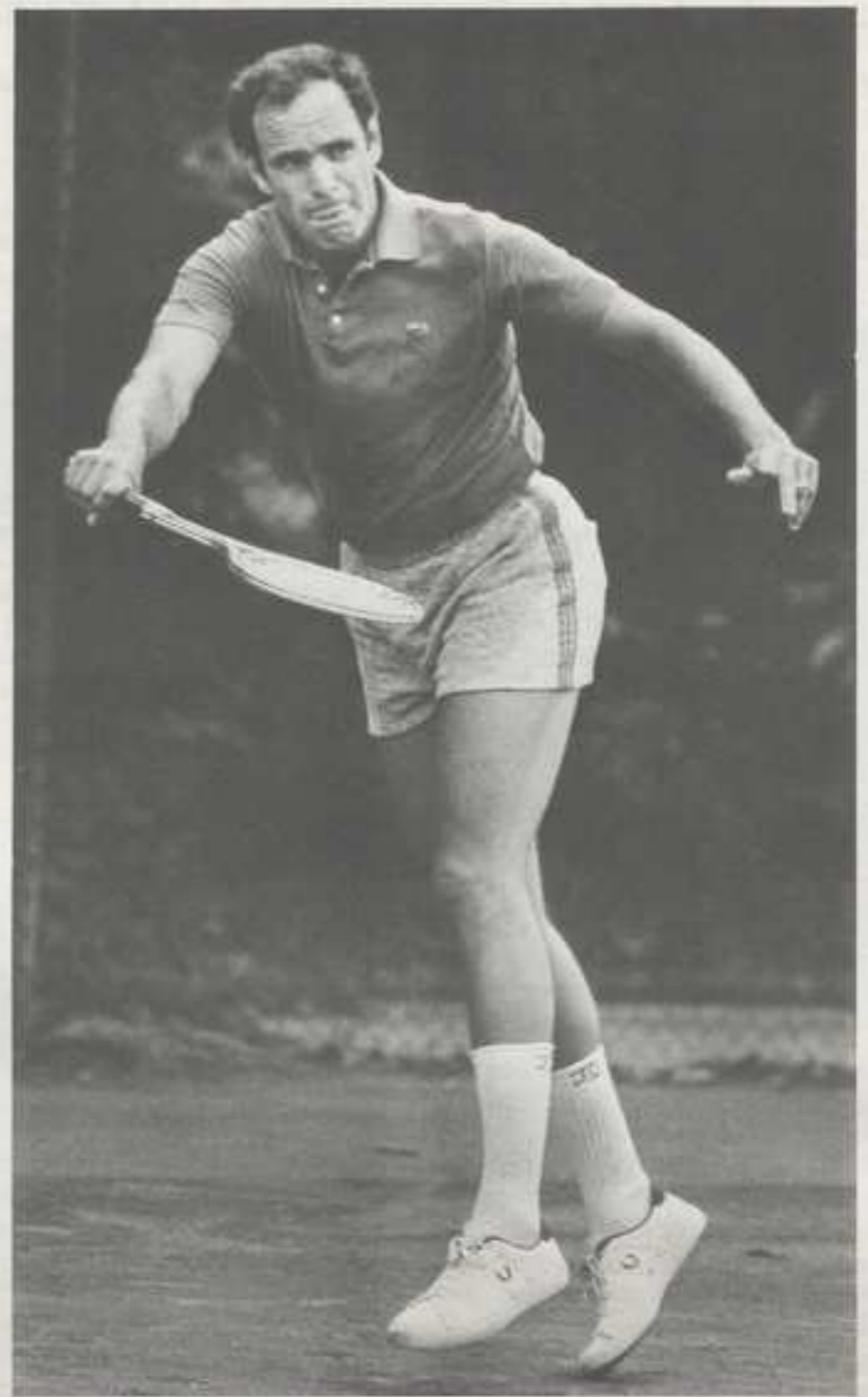
Dr. John C. Chen has been appointed to the Carl R. Anderson Chair in Chemical Engineering. The chair was established by a corporate gift from Air Products and Chemicals, Inc., honoring the company's retired senior vice president and director, Carl R. Anderson, a resident of Allentown.

Donald H. Trautlein, chairman and chief executive officer of Bethlehem Steel Corporation, will be the principal speaker and will receive an honorary degree at Lehigh's 103rd Founder's Day, Sunday, October 11.

Laura Katz Olson, associate professor of government, is working during the 1981-1982 academic year with the Social Security Administration under a fellowship from the National Association of Schools of Public Affairs and Administration. Dr. Olson is a specialist in American government, gerontology, women and public policy, and has published a book and numerous articles and reviews in her field.



Left: Karen A. Adams, varsity coach of women's athletics. Right: Perry A. Zirkel, dean of the School of Education. Below, left: Joseph W. Tedesco, a teaching assistant in civil engineering, near the Lehigh Canal. Below, right: Donna M. Reiss, a technical typist in mechanical engineering, pitches softball at lunchtime.



Keeping Fit Despite the Heat: How Some Lehigh Folks Do It

By Joanne C. Anderson

Lehigh University holds the record for most points ever scored against Penn State in a football game. Lehigh won 106-0 at Bethlehem in 1889.

The department of geological sciences has received an \$8,500 grant over the next two years from the Sun Company. The grant will be used for salary supplements for faculty members, awards to professors, or assistance to graduate students who would like to become professional educators in America.

Mark Sitar, of Trumbull, Conn., and Karl Nielsen of Wyckoff, N.J., both seniors, will share the V.J. (Pat) Pazzetti Memorial Award for the 1981-1982 academic year. Sitar was starting center on the football team last year; Nielsen is a defensive end. The award honors the memory of Pazzetti, a Lehigh All-American quarterback in 1912, who is in the National Football Foundation Hall of Fame.

Stephanie A. Skumanich, a senior from Bethlehem, was one of twenty students selected internationally for early admission into the School of Dental Medicine at Harvard University. She will spend the '81-'82 academic year at Harvard, with credit given at Lehigh toward a bachelor of arts degree.

While summer's heat makes waking up a nearly impossible chore for some, a handful of Lehigh people work up more sweat in the summer than Sugar Ray Leonard. Why does someone walk four miles to work instead of hopping into an air-conditioned sedan? Why would a family ride their bikes over 3,000 miles cross-country?

Some say it's escape. Some say it's relaxation. But bulges once hidden under bulky sweaters and down parkas appear at the first sign of T-shirt weather. So for many faculty, students, and staff, summertime activity is a way to keep in shape—or to get there.

Women's varsity volleyball and tennis coach Karen A. Adams and her family combined exercise with sightseeing this summer on a 37-day trek from San Diego to Rehoboth Beach, Delaware. Karen, her husband David, and three of their children rode bicycles 3,100 miles. "I trained for the trip by riding 15 miles per day for four weeks, and increased to 25 miles per day the last few days before the trip."

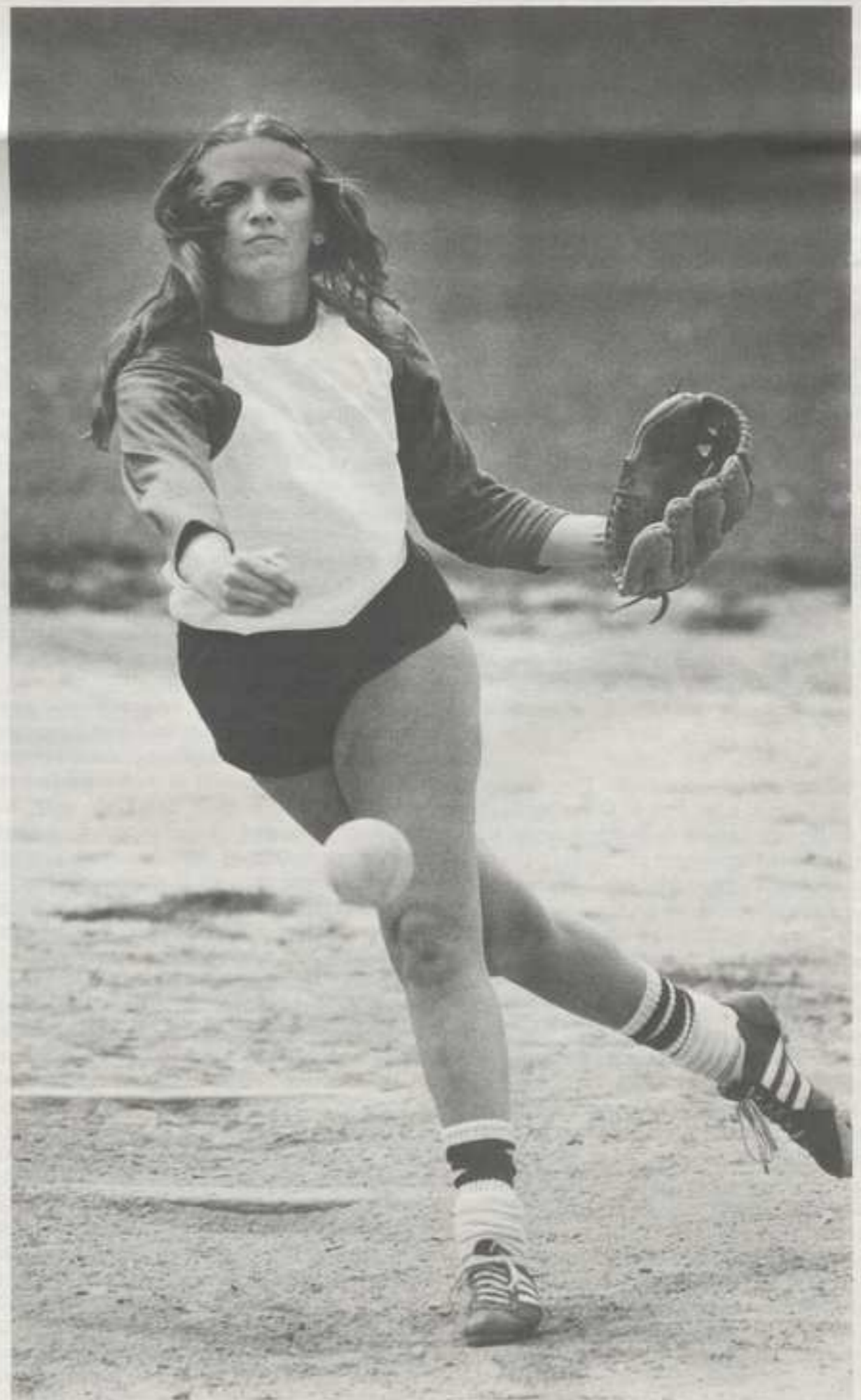
Stephen G. Buell, 70, assistant professor of finance, can be found in Taylor Gym most mornings. Buell lifts weights three times a week, averaging two hours each day. Professor Buell has been lifting weights for eighteen years, and admits "it's an escape for me. Weight-lifting is a diversion."

In addition to his lifting/running program, Buell gets exercise by raking rocks around his new home. Although the raking will not last through the winter, he will continue to lift weights all year.

Perry A. Zirkel, dean of the School of Education, confessed: "I was adopted by a couple of older tennis players. I'm just now learning the importance of placement and position." The dean stays in shape by playing tennis as often as he can. "I'm into the game. I don't feel any strain at all."

Zirkel's activity level wanes in the fall and winter, when he channels his energy into neighborhood touch-football games and indoor tennis matches.

Other university people tone-up through their own exercise programs and diets. And, there are some who simply wait for cool weather when they can cover up those bulges once again. ★





Above: Margaret W. East, user services consultant in the Computing Center. She claims: "Yoga is marvelous for your mind and body." Left: Joseph W. Tedesco ends his five-mile run at Maginnes Mall.



Left: Stephen G. Buell, assistant professor of finance. Below: Four faculty members who play basketball in Taylor Gymnasium at noon. They are (from left): David J. Leahigh, instructor in management, finance, and marketing; N. Craig Anderson, business manager of athletics; Robert T. Folk, professor of physics; and James R. McIntosh, chairperson of social relations.



Photos by Bernhard J. Stein

Last Four Defendants Acquitted In Alleged Rape at Fraternity

Four men, three of them students at Lehigh, were acquitted on September 19 of involvement in the alleged rape of a former Muhlenberg College coed at Delta Tau Delta fraternity last April. Two of the men are still enrolled at Lehigh.

Thirteen students and an Allentown resident were arrested in May and charged variously with rape, indecent assault, and conspiracy in connection with the alleged rape. Charges against nine students were dropped after a preliminary hearing in May. A tenth student was placed on six months probation on a charge of open lewdness, a lesser offense; his record will be expunged if he is not involved in problems with the police in the next six months.

During her testimony at the trial as reported in local newspapers, the alleged victim testified that she was raped four times in two separate incidents and said that, afterwards, she "just felt like I wasn't a person any more."

The students, all members of Delta Tau Delta, testified that their accuser was the aggressor in the sexual acts and that she, at one point, said that they should all be featured in *Penthouse* magazine.

The defense strategy in the trial was to portray the woman, no longer enrolled at Muhlenberg, as a promiscuous and confused witness who was seeking revenge and monetary gain. One of the attorneys pointed out that she has retained a lawyer to file a civil case against the university and the four defendants, seeking monetary damages.

The jury of eleven men and one woman deliberated for about two and a half hours before reaching their decision. The case was tried before Judge Robert Freedberg in Northampton County Court.

Preston Parr, vice president and dean of student affairs, announced in May that Lehigh had filed charges against the thirteen students arrested in connection with the case, but that the University Committee on Discipline would not proceed with hearings until the case was settled by the criminal court.

At present, Lehigh's response is being reviewed with the university's legal counsel. ★

This year's Lehigh-Lafayette game, scheduled for Saturday, November 21, will begin at noon, not at 1:30 P.M. as usual. The gates will open at 10:30 A.M. The decision for the early kick-off was made to facilitate crowd control and to enable alumni to drive home earlier and more safely following the game.

The freshman class entering this fall is drawn from the largest pool of applicants for admission in Lehigh's history. The 1,073 men and women were selected from a record 6,793 applicants, an increase of 16 per cent in the number of applicants for admission over last year (1980) and the greatest increase ever. The Class of 1985 has 297 women members. Lehigh also accepted 110 undergraduate transfer students—67 men and 43 women.

Dr. Donald M. Bolle, dean of the College of Engineering and Physical Sciences since July 1, was named to fill the Chandler Weaver Chair of Engineering and Physical Sciences. The endowed chair was made possible by a bequest of over \$600,000 from the will of the late Chandler Weaver, '13 who was born in Philadelphia in 1892 and died in Denver, Colo., in 1976. Bolle joined the Lehigh faculty in 1980 as professor and chairman of the department of electrical engineering.



Theodore Anderson

Research internships require student self-discipline and motivation, and prompt informed career choices.

John A. Tarduno (left) and Kenneth P. Kodama, assistant professor of geology, stand behind the coil that Tarduno designed and built as part of his summer research project.

The University Libraries and the Bethlehem Public Library have announced receipt of a \$24,160 grant for a cooperative project called LIBRARIES ONLINE. This will enable the two libraries to utilize new computerized bibliographic data bases to provide access to accurate and up-to-date information, especially on topics in business and current events. Full operation of the project is expected to begin in January 1982.

John D. Cullen, B.A. '48, B.S. '49, vice president-engineering, Dupont Company, Wilmington, Del.; Theodore L. Diamond, '37, president of T. L. Diamond & Co., Inc., New York, N.Y.; and William O. Fleckenstein, '49, vice president of switching systems, Bell Laboratories, Holmdel, N.J., were elected to the board of trustees this summer. Brig. Gen. Augustus A. Riemondy, '41, USAF (ret.), of Hershey, Pa., assistant to the president and chief operating officer and assistant to the vice chairman and chief executive officer of Hershey Foods Corp., was elected to a six-year term as an alumnus trustee. They will sit on the board for the first time at its next meeting in October.

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geophysicists assume that they can learn about the history of the earth's magnetic field at the time the rock was formed; in fact, the purpose of paleomagnetic studies is to understand the history of the earth's magnetic field by sampling it at various times in the past.

However, the remnant magnetism in titanomagnetites may have been altered by exposure to low-temperature oxidation that could have occurred after the formation of the minerals. The accuracy of establishing paleomagnetic effects is in question unless such effects are understood, and studies such as Tarduno's are a way of checking the accuracy of other studies.

Although the topic was created by his adviser, Dr. Kenneth P. Kodama, assistant professor of geology, Tarduno, a geophysics major, did most of the research on his own, including building and adapting some equipment that will be used by other students this fall.

"One of the many devices I had to design were special coils to eliminate any magnetic field and provide a field-free space," said Tarduno. "The most rewarding thing I did all summer was to use an equation from a book to build something that actually worked."

"At times I was very frustrated when something just wouldn't work," continued Tarduno, "But I enjoyed the challenge and the personal satisfaction when things were going well." Tarduno noted he also liked the low-pressure atmosphere of his job because he was left alone much of the time. This did not encourage him to relax, however. He said, "I always felt that I had to do the work because I knew that my adviser expected me to produce results."

Tarduno received one academic credit and a salary of \$1,400 for his summer research. He said he would like to continue his work if he can get additional funds from another source.

Toward Informed Career Choices

Trying to find future funds was also the concern of Dr. Mohamed S. El-Aasser, codirector of the Emulsion Polymers Institute. Since 1976, the institute has provided an eleven-week student-oriented educational program on advances in

emulsion polymerization and latex technology. "Unfortunately," El-Aasser said, "this was probably the last year for the program because of the Reagan cutbacks."

The program, funded by the National Science Foundation, is designed to get students from different schools to combine efforts and to familiarize undergraduates with research so they can make an informed career choice among various options available to them. This past year eleven students were selected from forty applicants. Six of the student researchers were from Lehigh and the others were from Penn State, Purdue, James Madison, and the Royal Institute of Technology in Stockholm, Sweden.

Prior to starting their projects, the students were required to enroll in an intensive one-week course on emulsion polymers and latex technology, offered by the EPI, to insure their understanding of the colloid science and interfaces involved in the research and to increase the likelihood of producing results.

El-Aasser said, "The major motivation for this work stems from the increasing importance of colloid phenomena in many branches of science and technology and the vital role they play in ecological relationships, mineral recovery, and conservation, surface coatings, corrosion protection, and many other areas of concern to modern society."

Each student is assigned to work with a graduate student on his or her research. The graduate student defines offshoots in the topic for the undergraduate to study. "This is mutually beneficial because the undergraduate gets close supervision and the graduate student gets experience in teaching," said El-Aasser. "So this kind of involvement in a research project is a very valuable educational experience for the students. The research teaches them how to make use of their basic courses in attacking an actual problem and solving it. The exposure to research activity tests the student's skill at fundamental research and allows him or her to make a better choice among academic career, graduate work, or industrial job."

Attracting good recruits for Lehigh's graduate program is one of El-Aasser's prime concerns. He noted that 11 out of 36 of the students who participated in the program over the years stayed on at Lehigh for graduate work.

This year, several of the students expressed an interest in pursuing graduate studies. Among them was Carmen A. Gabriel, a senior, who examined the swelling of polystyrene latex particles with monomer.

Stuart N. Hagglund, a senior, said he was "skeptical" about a research job when he originally applied for the internship. "I decided to stay at Lehigh and accept the position when I could not find a summer job in industry," said Hagglund, a brother at Theta Chi. He noted that the experience was positive and that he would now consider accepting a full-time research position.

Hagglund's work consisted of determining particle-size distributions by using the hydrodynamic chromatography (HDC) method. Particle-size distribution is an important step in the characterization of synthetic polymer latexes. These latexes, produced by emulsion polymerization, range in size from a few hundred angstroms to several microns. The particle size plays a crucial role in their optical, electrical and magnetic properties as well as in the stability of the latex.

Hands-On Learning

There are other research programs of shorter duration that offer opportunities for undergraduates to become involved in research. For example, this past summer, the electric arc furnace dust project, headed by Professor George R. Jenkins, was funded by the economic development administration of the U.S. Department of Commerce. Five students from various disciplines were selected by their department chairperson to work on the project.

Other students design their own research projects. Funding is available from a variety of sources. A major source is the University Forum. Robert C. Bolton, '82, a senior, who studied the time-dependent threshold level for thermal bone necrosis with support from the Forum and the Institute of Fracture and Solid Mechanics.

The nine-year-old project, which is sponsored in conjunction with Hahnemann Medical College in Philadelphia, is concerned with determining the life expectancy of a metal implant in a patient. To do this, the students needed to study the mechanical properties of the bone tissue into which the metal is implanted. Dr. George C. Sih, professor of mechanical engineering and mechanics, said, "This particular area has been virtually untouched in biochemistry before."

Bolton said he enjoyed the opportunity of learning things on his own as opposed to being

"spoon-fed." He continued: "You really learn to discipline yourself because there's no one around who's going to tell you to get working—and there aren't any tests to take." He noted that he also learned how to use the library's resources, quickly and efficiently, which is something he never had to do in any of his courses.

Dr. Goldstein said that providing this kind of a learning experience to supplement the classroom experience was the "primary goal" of all the university's research programs. Several undergraduates involved in research internships also had the opportunity to have some of their work published.

Dr. El-Aasser noted the importance of getting students interested in research as a career.

"One thing is certain: there will always be a vital need for more scientific research if we are to meet our needs of the future," said El-Aasser. ★

Susan Foltz, a senior, is a journalism major and is interning in the office of university publications for the fall semester.

Trustees Explain Their Action

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Social regulations go hand-in-hand with \$112,000 to support social, cultural, and educational programs.

forms of misconduct, both by individuals and by groups.

- The need to provide social and cultural alternatives for students.
- The need to develop a sense of community at Lehigh University, a sense that the needs of the individual are best seen in a larger context.
- The need to develop social and ethical values in students.

These recommendations served as the basis of the interim revisions to the Code of Conduct that were distributed to students upon their return. Following discussion and approval by the board of trustees, they will become, in final form, the new law of the campus.

Trustees Comment

In its September 11 edition, the *Brown and White* interviewed three of the five members of the board's executive committee. Their quotations help to put the changes in rules and policies in perspective.

Kirk P. Pendleton, '63, president of Pitcairn, Inc., and a former Lehigh wrestling champion from Bryn Athyn, Pa., said he had become aware of "Lehigh's family problem" as an undergraduate, when "it became fashionable to abuse alcohol." While saying he recognizes the social value of alcohol when used properly, he added that the university environment tended to encourage abuse. "We are not trying to impress anybody by grandstanding. Anyone with sensitivity and conscience realizes that a change had to be made."

Pendleton characterized the new rules as "a reasonable approach to an extremely serious problem." He called the approval of the action by the executive committee "one of my proudest moments at Lehigh University."

Harold S. Mohler, '48, president of the board of trustees and chairman of Hershey Foods Corp., said the changes had to be made because the old system was not working. He said that "sporadic enforcement" of the old regulations had contributed to the problem. "Such a policy is the same as having no regulations at all" because students become confused, Mohler said.

Frank Rabold, '39, a Bethlehem Steel Corp. executive, said that "while nothing is ever cast in concrete," the new regulations will be part of the Lehigh scene for a long time.

The other executive committee members are Donald B. Stabler and Edward A. Curtis. ★

News Shorts

Boosters Given Alumni Award

Ten alumni received Alumni Awards—the highest honor the alumni association can bestow—at the annual awards dinner held on Friday, June 5, the first day of the Reunion Weekend. The awards honor alumni of more than ten years who have given extraordinary service to Lehigh and to the association. This year, the Awards were presented to C. Robert Bushwaller, '41, of Bethlehem recently retired from the engineering department, Bethlehem Steel Corp.; Otto Ehrsam, Jr., '51, of Bethlehem, development engineer in sales engineering, Bethlehem Steel; Kenneth R. Smith, '61, of Bethlehem, president of Budget Rent-A-Car of Allentown; Willoughby J. Long, '24, of Allentown, retired vice president-sales, Cyclops Corp.; Dr. Ralph S. Graber, '46, of Allentown, professor of English at Muhlenberg College; Col. Gates B. Stern (U.S. Army-retired), '36, of Emmaus, secretary-coordinator of the Borough of Emmaus; Felix B. Shay, '31, of Malvern, Pa., retired executive of Foote Mineral Co., Philadelphia; Louis R. Wanner, '31, of Seneca Falls, N.Y., retired executive of GTE Sylvania; J. Ronald Weber, '56, of Fort Washington, Pa., division marketing manager for electronics/consumer products, Bell of Pennsylvania; and Dr. Stephen F. Goldmann, '69, of Houston, planning manager in Exxon Corp.'s synthetic fuels department.

Young Alumnus Awards were given to James C. Byerly, '71, of Camp Hill, Pa., president of Byerly Insurance Agents and Brokers, Inc., and Richard A. Boig, '76, of Lexington, Mass., assistant to the vice president-finance, Nabisco Confections. The awards are given to promising alumni in the five or ten year class who have been particularly active.

The Alumni Association awarded its Undergraduate Merit Awards to Bruce Rarig of Whitehall, Pa., and Elise M. Bracer of Caldwell, N.J.; both graduated in June.

The Good Neighbor Award was presented to the South Side Boosters, a group of loyal and supportive fans from Bethlehem's South Side, many of whom did not graduate from Lehigh. ★

Palladino Chairs NRC

Nunzio J. Palladino, '38, dean of engineering at Pennsylvania State University since 1966, was confirmed this summer as chairman of the Nuclear Regulatory Commission by the U.S. Senate. Palladino received the master of science degree in 1939 and an honorary doctor of engineering degree in 1964, both from Lehigh.

A native of Allentown, Palladino had wide experience in industry. He worked for the Westinghouse Electric Co. in Philadelphia as an engineer and then as a designer of nuclear reactors at the Oak Ridge, Tenn., National Laboratory. He also served as a staff assistant at the Argonne National Laboratory in Illinois, was a member of the commission that investigated the incident at Three Mile Island in 1979, and is a former president of the American Nuclear Society.

As chairman of the NRC, Dr. Palladino will have greater impact than the Secretary of Energy on the Administration's goal of making greater use of nuclear energy. He also confronts two serious and controversial issues: the licensing of about a dozen almost-completed nuclear power plants and the estimated \$750 million cleanup of the damaged reactor at Three Mile Island. ★

White Fills Fairchild Chair

Dr. Marvin H. White, formerly an advisory engineer in the solid-state systems technology section of the Westinghouse Electric Corp. in Baltimore, was appointed to the Sherman Fairchild Chair in Solid-State Studies at Lehigh and was also named professor of electrical and computer engineering.

White was born in the Bronx and received the A.S. in engineering from the Henry Ford Community College, the B.S.E. in physics and mathematics and the M.S. in physics from the University of Michigan, and the Ph.D. in electrical engineering from Ohio State University. He has been awarded 22 patents and is the author of more than sixty papers on solid-state electron devices

and circuits. His field of interest is microelectronics.

He was elected a fellow of the Institute of Electrical and Electronic Engineers for his contributions to the theory and development of solid-state electron devices.

The chair White holds was made possible as part of a \$6 million grant received in 1975 from the Sherman Fairchild Foundation, Inc., of New York. This grant, which enabled Lehigh to construct the Sherman Fairchild Laboratory, also provided for endowed chairs in the department of physics and in the area of materials and chemistry, graduate fellowships and undergraduate scholarships, research equipment, and a lecture series. ★

Frankel Named Associate Dean

Dr. Barbara B. Frankel, associate professor of anthropology, has been appointed associate dean of the College of Arts and Science.

A native of Philadelphia, she received the bachelor of philosophy degree from the University of Chicago, the bachelor of arts from Goddard College, the master of arts in anthropology from Temple University, and the doctor of philosophy from Princeton University. She joined the Lehigh faculty in 1973. In 1976, she received the 1976 Lindback Foundation Award for junior faculty.

Dr. Frankel's fields of professional specialization are U.S. urban subcultures, medical anthropology, psychological anthropology, the study of belief, symbol systems, and the epistemology of participant observation, and she has published numerous papers on these subjects. Her monograph on the folk beliefs of Negro women, *Childbirth in the Ghetto*, is based on fieldwork done at Temple University Hospital in 1968. During the 1980-81 academic year, Dr. Frankel held a research associate professorship at Boston University where she studied philosophy of science and wrote a major paper on the epistemology of field work. ★

Robert Hicks Heads Alumni

Robert H. Hicks, Jr., '44, of Baltimore, was elected president of the alumni association for 1981-82 at the association's annual meeting, held in conjunction with the Alumni Reunion, June 5-7.

Samuel H. Missimer, '50, of Bethlehem, director of admission at Lehigh, was re-elected to a two-year term as director-on-campus of the association.

Others elected to office were: James M. Bridgman, '50, of New Canaan, Conn., senior vice president; James B. Swenson, '59, of Wellesley, Mass., vice president, Region I (New York and New England); Robert T. Hoyt, Jr., '51, of Berwyn, Pa., vice president, Region II (Pennsylvania and Delaware); Martin B. Solomon, '65, of Tampa, Fla., vice president, Region V (southeastern states); Richard H. Francis, '54, of Short Hills, N.J., director-at-large; and Janet M. Ryan, '77, of Guttenberg, N.J., director-at-large. ★

Education Finishes in Black

The School of Education at Lehigh, which last year faced a budget deficit and was threatened with possible closure, finished the fiscal year ending June 30, 1981, in the black. Perry A. Zirkel, dean, said that a combination of increases in revenues and savings in expenses permitted the school to overcome a projected deficit of some \$220,000. Specifically, he pointed out frozen expense budgets, the closing of some positions by attrition, and the relocation of some secretarial staff to other Lehigh offices as areas of cutting back staff spending.

Income increases resulted largely from some \$241,000 in grants to the School, and to the fact that some faculty members are teaching courses in other departments of the university. For example, Paul Van R. Miller, chairman of the department of human development in the School of Education, will teach Psychology 201, Industrial Psychology, in spring 1982.

This past year, the School of Education developed and adopted three major areas of future emphasis during the current academic year. Focus is on staff development and inservice training, exceptional learners, and technology in education. The latter program focuses on the use of computers in the educational setting. ★

SBC Aids Easton Business

The Small Business Center has obtained state funding for a program to encourage the revitalization and creation of small businesses in downtown Easton. The Pennsylvania Department of Community Affairs will provide \$7,600 over the course of a year in support of the Easton Main Street Business Assistance Program developed by the Small Business Center, which will implement the program in cooperation with the Easton Main Street project, Easton Chamber of Commerce and the Downtown Improvement Group.

A joint effort with the Easton Main Street project, already funded by the National Trust for Historic Preservation, the program will offer management assistance through a series of workshops, a small business resource center in Easton and counseling to individual businesses.

The goal of the joint project is to encourage economic development within the context of historic preservation, with both programs aimed at improving the growth of small businesses and their services to the community. The Main Street project is making a significant contribution to conserving the community through the improved physical facilities and appearance of downtown Easton, and the Small Business Center will work on improving the viability of the business community. ★

Distorted Reactor Castings Saved by Testing Machine

Lehigh's 5-million-pound tension-compression testing machine was used last spring to correct a slight, but critical, distortion in each of two large structural elements of a fusion reactor being built at Princeton, N.J. By correcting the imperfections, Lehigh civil engineers saved the Department of Energy (DOE) about \$400,000—the cost of forging and machining replacements—plus valuable construction time.

The reactor under construction is called a "tokamak," the acronym coined from the Russian words for "toroidal magnetic chamber." In the tokamak, forms of hydrogen gas are confined by a magnetic field within a vacuum chamber shaped like a giant doughnut. For fusion reactions to occur in significant numbers, the gas must be heated to temperatures of 100 million degrees Centigrade—about six times hotter than the interior of the sun.

Scientists in the Plasma Physics Laboratory at Princeton expect to develop nuclear fusion as a safe, economical, and environmentally acceptable method of generating electricity from an inexhaustible supply of fuel and with a minimal amount of radioactive by-products. Currently, nuclear reactors utilize nuclear fission in the production of electricity.

The test reactor now under construction is the largest project undertaken to date in the U.S. fusion program. It is expected to be operational in 1982. The reactor will be the first magnetic fusion system in the U.S. capable of producing fusion energy in any significant quantity, and will form an essential link between machines currently in operation, or under construction, and the first experimental power reactors.

The rings tested at Lehigh are among the most important elements of the tokamak magnetic structure. Twenty-two stainless steel rings were forged in Japan. After being machined to the shape and tolerances required for installation in the tokamak, the first two rings proved to be out of round, deformed into an almost imperceptible, but unacceptable, elliptical shape.

The two rings were shipped to Lehigh, where the tension-compression machine was employed in its compression mode in an attempt to salvage the rings by "squeezing" them back into the proper circular shape. With no prior experience in a cold straightening operation of such magnitude, the final result could not be predicted. Although the machine is normally used to determine the ultimate strength of construction materials and structural components by either stretching or compressing them to the point of failure, it was more than equal to this rather unique task. It took about three hours per ring, and a few hundred thousand pounds of compression to restore them to the proper shape.

The work was done at Lehigh by Dr. Roger G. Slutter, director of the operations division of Fritz Engineering Laboratory, and Robert R. Dales, foreman in charge of tests. ★

In the article about graduate students at Lehigh in *Lehigh Horizons* (May, 1980), Dale Zurawski was misidentified as Dale Zurawski. We regret the error.

Jeff Tipping, a native of England and captain of the Pennsylvania Stoners, an American Soccer League team based in Allentown, is now head coach of soccer at Lehigh. Tipping, a graduate of Hartwick College, is a graduate student in history at Lehigh and will continue to play professional soccer with the title-winning Stoners.

A paper co-authored by Dr. James A. Largay, III, professor of accounting, won the annual marketing award of the Alpha Kappa Psi Foundation. The paper, titled "The Impact of Inflation Accounting on Marketing Decisions," was written in collaboration with Dr. Frederick E. Webster, Jr., and Dr. Clyde P. Stickney, both faculty members at Dartmouth College. The Alpha Kappa Psi Foundation is devoted to education and research.

Craig Anderson, '60, business manager of athletics, participated in an Old-Timers' Day game at Shea Stadium on October 3. Anderson, a star pitcher at Lehigh, hurled for the St. Louis Cardinals before moving along to New York as one of the original Mets under Casey Stengel.

Ten Years of Coeducation Are Cause for Celebration

By Joanne C. Anderson

Lehigh has something to celebrate! Ten years ago, the first women undergraduates entered the university.

The event "signaled a new era and the beginning of a pervasive change that still continues," wrote Dr. Deming Lewis, university president, in the charge to a committee that is planning the university's celebration of a decade of coeducation.

Dr. Lewis appointed the twelve-member committee of faculty, staff, and students to coordinate the year-long celebration that will highlight the ten-year anniversary of women at Lehigh and "recognize the contributions that undergraduate women have made to campus life."

Guidelines contained in the charge suggest that cultural activities, scholarly events, and sports programs reflect the anniversary theme. The committee will enlist the support of the colleges, academic departments, alumni, and everyone on campus.

The committee is chaired by Muriel B. Whitcomb, assistant dean of students, and Carey B. Joynt, professor of international relations who chaired the committee that investigated admitting women to Lehigh ten years ago. (According to Samuel H. Missimer, director of admission, applications from women have risen nearly 75 percent over the decade to a peak of 848 for this year's class. The class of 1975 had 128 women students as freshmen.)

"The investigating board made a wise decision," Joynt commented. "The board thought the quality of our entering classes would be maintained if women were admitted, and social life on campus would be improved." According to Joynt, those original notions were correct. Joynt continued, "We also thought that women's interests academically would broaden and they have. I believe the board made correct judgments."

Joynt added that both the board members and alumni approved the 1971 decision to admit women to Lehigh. He feels the original study was "thoroughly done."

He also said that the women involved in the celebration want to use the anniversary celebration to bring the community together as a group. "The women feel strongly about involving the entire campus. They've become very well integrated. They feel they are a part of Lehigh and that Lehigh is a part of them. Women have made a significant



This graphic was used on a poster announcing the street fair and dance held on All-University Day, October 2.

change academically and socially."

To kick off the celebration, a handful of undergraduate women organized a week of events, held September 20-26. The events, coordinated by seniors Sally L. Bond, Jeanne M. Acutanza, and Carla M. Askonas, highlighted coeducation at Lehigh.

A photographic essay and a writing display opened the week, followed by "Alumnae Reflections," a program in which eighteen alumnae discussed career choices and lifestyles.

The celebration week continued with a presentation by Gloria Steinem, editor and cofounder of *Ms.* magazine. A panel discussion on Young Alumni Day, September 26, brought the week to a close.

According to Dean Whitcomb, programs are on the drawing board for the academic year. A street fair and dance featuring Steppin' Out, a country swing band from Bethlehem, was held on October 2 on the University Green. A Sadie Hawkins dance and a series of dramas presented by a professional drama group are scheduled for early spring. A women's health conference will be held February 13, involving faculty and area speakers who will lead twelve workshop sessions.

Also in keeping with the anniversary celebration, Lehigh clubs are asked to incorporate female speakers and programs into their regular meetings. Sarah F. Pappas of the alumni association reports that many clubs have already made such plans. ★

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