

Second artificial heart patient dies



By CHRISTINE KILGORE
Collegian Science Writer

Robert Cresswell, the second person to receive a Penn State pneumatic artificial heart, died of respiratory arrest Friday morning at the University's Hershey Medical Center.

The 49-year-old factory worker from Huntingdon lived 397 days with the Penn State heart beating inside his chest. Doctors said it was over a year of ups and downs, with periods of both steady improvement and decline.

Doctor G. Victor Rohrer, assistant dean for patient care at the medical center, said in a prepared press statement read Friday morning, "shortly after awakening this morning, Cresswell developed respiratory arrest, and died quietly."

Cresswell, who had been listed in serious and declining condition, received the Penn State heart in an eight-hour operation on March 17, 1986, after his body rejected a donor heart he had received six days earlier.

Cresswell had been living since December in a renovated apartment in the Medical Center with his wife Faith.

Hershey Spokesman John Vastyan said Faith talked to reporters Friday afternoon about her life at the medical center.

"When she was asked whether she would repeat this under the same conditions, her response was without hesitation, 'Yes,'" Vastyan said. "She said, 'Bob lived here with me for an extra 13 months... He was able to live at Hershey Medical Center because of the heart.'"

Vastyan said early March of this year, Cresswell had shown signs of gradual decline in physical condition. And last month, on the first anniversary of the operation, Dr. William S. Pierce, professor of surgery and head of the Division of Artificial Organs at the medical center, said Cresswell "is really on uncharted waters."

"No one has any idea (how long he will live)," Pierce said last month. "The longest time we have used the heart in a lab animal was 353 days, which is the world's record for an artificial heart in an animal."

"He certainly doesn't have the pep and energy he once did have," he said. "But Mr. Cresswell and his wife have showed every element of courage, hope and cooperation that one could have ever hoped for."

Pierce also said last month that Cresswell's declining condition was a result of a combination of factors, including a lack of appetite, depression, a small degree of kidney failure, and a continued infection along the air lines used to drive his pneumatic heart.

Vastyan said Friday, "On March 9, it was announced that the infection along the drive lines had worsened. The infection was intermittently present during the time he was sustained on the heart."

Cresswell, described at various times during the year as a "super fighter" and a "courageous pioneer," had been highly likely to reject the foreign heart because he had an unusually high antibody count, Vastyan said.

"Because of the high levels of antibodies in his blood, doctors were unsuccessful in their attempts to attain a second suitable donor heart," Vastyan said, adding that the Penn State heart was used as a bridge to sustain Cresswell until a second donor heart could be found.

Although Cresswell also suffered a Please see PATIENT, page 3

Heart patient Robert Cresswell is shown last year with his wife Faith. He died Friday morning of respiratory arrest after carrying the Penn State artificial heart

for over a year. He was the second person to receive an artificial heart at Hershey Medical Center.

Collegian File Photo

B.A. students: two chances for grades

By CHRISTINE NICHOLAS
Collegian Staff Writer

Sophomore engineers are not the only ones being affected by the University's enrollment controls.

But unlike the engineers, the 550 College of Business Administration sophomores who did not get their majors are guaranteed business majors at the end of the semester if they raise their grades, said Barbara Grubb, administrative director of undergraduate programs in the college.

In the College of Engineering, students may or may not earn a slot in their major by improving their Spring Semester grades. The number of additional engineers selected depends on the space available after some students change majors or leave the college, Engineering Dean Carl Wolgemuth said.

He said he is unsure how many additional students may be let in to engineering majors.

But Grubb said business students are guaranteed their majors if they raise their grade-point averages to meet or exceed 2.4 — the lowest requirement for a business major — and complete the required courses.

"I will just put them in a major," she said.

Meeting this commitment may cause the College of Business Administration to over-enroll, she added. "It could be a problem, but that's a problem we will have to live with this year."

This semester, 2,150 students applied for 1,400 planned spaces in the college's majors, she said.

Another difference between the business and engineering colleges is the minimum grade-point average students must maintain before losing their majors.

Engineering students will lose their majors if their grades drop below 2.0; business acceptees may lose their spots if their grades drop below 2.4, Grubb said.

The one-quarter of business administration sophomores who did not get into their majors received denial letters at the beginning of the week.

As a result, faculty advisers and officials from both the Division of Undergraduate Studies and the College of the Liberal Arts are expecting an influx of disappointed business students who want to change their majors, but the advisers say they do not know how many students might be involved.

Assistant DUS Director John Wyckoff said liberal arts majors seem to be the most popular among business students, since students can fill their liberal arts electives with business courses.

Engineering department to hold meeting

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One liberal arts official said the inflow of students into liberal arts would be "an embarrassment of riches" for the college.

Peter Hagen, assistant to the associate dean for undergraduate programs, said "it won't be for several months to come that we know how the populations will be shifted throughout the University."

Joyce Buck, coordinator of the Liberal Arts Advising Center, is also feeling the effects of 550 business students without majors: "The effect in engineering is actually less than it is in Business Administration... and these two colleges make up almost half of the University."

But Grubb said that compared with previous years, the number of students not getting in as sophomores is about the same.

"It might be up a bit from other years, but that isn't related to enrollment controls... With the supply and demand problem in business and engineering, we obviously can't accommodate everyone who wants to get in," she said.

Grubb added, "it has been since 1979 in the College of Business that not every student that works toward a major can get it."

Marine Corps general pleads for support of American people

By NORMAN BLACK
AP Military Writer

WASHINGTON, D.C. — The commanding general of the Marine Corps said Friday he couldn't rule out additional arrests in the sex-and-spy affair involving embassy guards, but pleaded for Americans to support his "proud corps."

"We are a very close-knit organization. It borders on, with us, being a religion," said Gen. P.X. Kelley, the corps' commandant. "We belong to the American taxpayer. We are a proud corps. And we must press on."

"We cannot allow the actions of a remote handful of individuals... we cannot allow that to destroy our morale," he said.

Kelley, appearing at his first Pentagon news conference since details of the affair began emerging, said the investigation of Marine guards posted to Moscow initially had been slowed by a lack of cooperation among federal agencies.

He also said he had already ordered some changes in selection procedures for new embassy guards, including psychological screening.

He defended the ability of Marine attorneys to assure all those accused a fair trial.

Asked if he was satisfied the affair would end with the

three espionage arrests made to date, Kelley replied: "No, I'll never be totally satisfied... until the investigative bodies working this case come to me and say we have run our lines on every single lead and we have no more."

The four-star general also asserted that during his almost four years as the corps' commandant, he had "never, and I repeat that, never... heard one word nor had my staff heard one word which would have caused us to be concerned" about the security guard force.

Complaining about a double standard in public attitudes, he said, "It is interesting to note that in almost every instance (of earlier spy cases), the focus has been on the individual, not the institution. In this case, however, it seems that just the opposite is true."

He also criticized Soviet statements "to degrade and humiliate" the corps, adding: "If they can destroy the image of the United States Marine Corps, then all of our precious institutions will be vulnerable to their slanderous attacks."

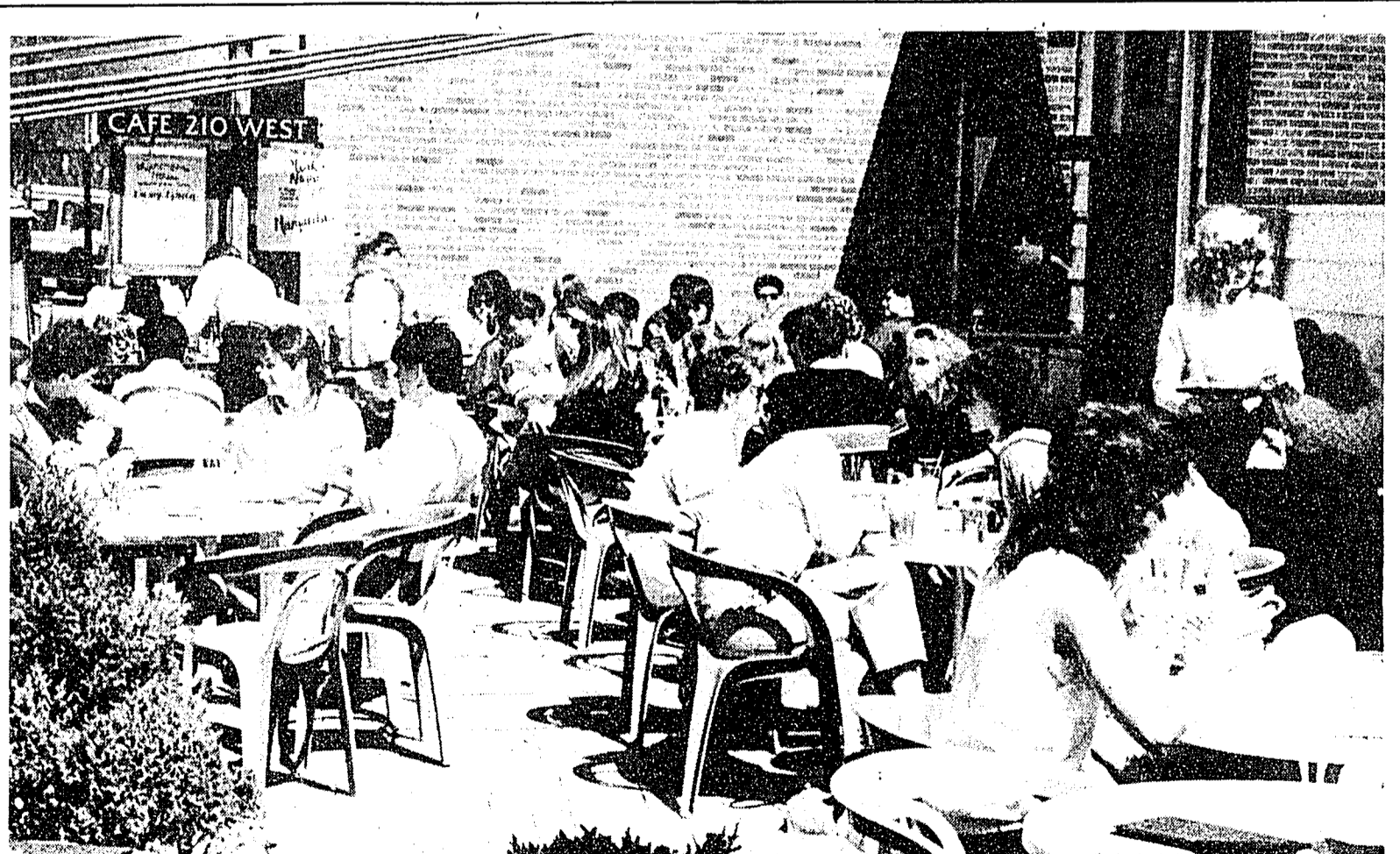
The affair became public last December with the arrest of Sgt. Clayton J. Lonetree, a 25-year-old guard who worked at the U.S. Embassy in Moscow in 1985 and 1986. Another Moscow guard, Cpl. Arnold Bracy, was arrested in March and charged with serving as Lonetree's accomplice. A third Marine, Sgt. John J. Weirick, has been arrested on suspicion of espionage.

Fumes leak, shut bridge

PHILADELPHIA (AP) — Noxious chemical fumes leaked from a chemical plant, prompting officials to close a major bridge, a highway and a water treatment plant for several hours yesterday.

A tank at Ashland Chemical Co. began leaking styrene about midnight Saturday, and the plant was evacuated, said Mike Nucci, a city emergency preparedness coordinator. No injuries were reported.

A stretch of Interstate 95 bordering the southeast side of the city, the Walt Whitman Bridge between Philadelphia and New Jersey, and the Southeast Water Treatment Plant were closed about 3 a.m., Nucci said. All were reopened by Sunday afternoon, but some sailors on nearby ships that had been evacuated opted to stay away from the area a while longer as a precaution.



Collegian Photo / Dave Leighton

Sunshine and good food

Enjoying some of last week's sunny weather, these students found time between afternoon classes to escape the rush and enjoy the outdoors while munching some food and sipping margaritas at Cafe 210 West, located at 210 W. College Ave.

monday

weather

This afternoon partly sunny and warm. High 75. Tonight fair and mild, low 49. Tomorrow, continued partly sunny and warm, high near 80.

.....Ross Dickman