

O'Neill: man to live in space

By LAURIE PENCO
Daily Collegian Staff Writer

Man will be working and living in space in the decades to come, a Princeton physics professor said last night.

Whole societies will be living in specifically designed ships which will control climate, seasons and the length of days, Gerard K. O'Neill said.

O'Neill, president of the Space Studies Institute, also said space has extensive possibilities in the use of solar energy, oxygen and minerals.

Solar satellites beaming energy down to the earth, can produce energy output equal to 10 large nuclear power plants. Those satellites would cost about one billion dollars. The satellites can be built efficiently in space with the aid of space shuttles, O'Neill said.

Minerals and oxygen can be obtained from the lunar surface more efficiently by a launching system which O'Neill said he helped to develop.

In a speech sponsored by Colloquy, O'Neill said within 50 years a fleet of 500 shuttles could transport from earth to space 200 million people a year.

The cost of such an endeavor would be no greater than the cost of the 400 million flights from here to London in a 747, he said.

O'Neill said he hoped that space colonization would be a peaceful expansion and would reduce the conflict of today's countries over territory in space. Space territory is not owned and it is cheaper to expand than to fight over territory, he said.

Although the possibility of living in space seems unrealistic and improb-



Gerard K. O'Neill

able it is going to become reality because of overpopulation, ecology and poverty, O'Neill said.

There are five to 10 other countries developing space shuttle programs similar to the United States.

"Everyone thought it was an enormous feat when Charles Lindbergh crossed the Atlantic."

Santana heeds guru's warning

By ELLYN HARLEY
Daily Collegian Staff Writer

The musical group Santana, scheduled to play at Rec Hall on Sunday, May 10 as part of the Horizons spring festival has canceled its concert, University Concert Committee Chairwoman Bonnie Nixon said yesterday.

Nixon said the group canceled because Carlos Santana's guru advised him to call off the last four concerts he was scheduled to perform.

"He has a guru and his guru advised him 'I don't think it's a good idea for you to play the concert,'" Nixon said. "He listens to everything his guru tells him."

"I'm really disappointed because the concert would have fit in with Horizons so well," she said. "I'm going to write a letter to Santana. I know writing a letter is not going to help the situation, but I want him to know that I don't have very much respect for his decision."

Nixon said she found out about the cancellation yesterday at 5 p.m. and that it is probably too late to replace the concert with another event.

In other business, the Earth Ball "Matilda," owned by the Free University, has been found, Recreation Committee chairman Scott Wolford said. He said he found the Earth Ball in a Rec Hall closet.

Wolford said the Undergraduate Student Government reduced the amount allocated to fix "Matilda" from the original \$100 to \$30, however Wolford said the cost of fixing the Earth Ball will probably be between \$30 and \$45.

Wolford also said a representative from a bicycle touring group from New York City who was scheduled to speak about bicycle touring in China had to cancel. Wolford said USG allocated \$100 for the program, however he said the money might be reappropriated for another Horizons program.

Another program canceled was a "Run for Hunger" that was to be sponsored by the Lutheran Student Parrish, however the "Run for your Rights" sponsored by the Women's Collective is still scheduled for Sunday, May 10.

But Marc A. Brownstein, co-chairman of the publicity and marketing committee said cancellations will have no effect on the festival.

"There's so many other things going on," Brownstein said. "We want everyone to know what's going on with Horizons."

Scheduling Committee chairman Curtis Bayer said Horizons logo T-shirts will go on sale starting tomorrow at the corner

of College Avenue and Allen Street. He said the shirt prices have been reduced to \$3.50 from \$3.75, because shirt sales and publicity from people wearing the shirts is more important than the extra 25 cent profit to finance Horizons expenses.

Additionally, Fred Borchuck, treasurer for Colloquy was appointed Horizons treasurer to replace Sue Miner from Free University. Borchuck will be responsible for allocating money for Horizons programming. The budget procedures will be transferred from Free University to Colloquy today, Bayer said.

Programs that are, definitely scheduled include a performance by the women's gymnastics team Saturday, May 9, on the HUB lawn and performances by Orchestral and Contemporary Dance Company at the HUB Ballroom.

Laura Stearn, chairwoman of the Art committee said she encourages artists to exhibit their work during the festival. She can be contacted at 237-1256. She said artists' work will be protected by low fencing around the exhibit site and security personnel working in shifts to watch the artworks.

"This is a way for students who never get their art exhibited to become involved in Horizons."

Welfare rolls may diminish

By JUSTIN CATANOSO
Daily Collegian Staff Writer

Though Gov. Dick Thornburgh's welfare reform legislation is stalled in the House of Representatives, the local board of assistance estimated more than half its general assistance recipients would be eliminated if the bill passes in its original form.

Wasko Polek, director of the Centre County Board of Assistance, said according to statistics compiled April 1, 350 of the county's 627 general assistance recipients — including 41 University students — are employable by state standards and potentially ineligible for further cash grants.

Statewide, Thornburgh's plan intends to trim 68,000 employable recipients between the ages of 18 and 45 off the welfare rolls within a 2-year span.

"I think it's a good bill," Polek said, "but I'm questioning the timing of it as far as the present state of the economy is concerned."

There are three county industrial strikes in progress — United Mine Workers, Cerro Metals and Champion Auto Parts — and Polek said the competition for the few jobs available is rough.

"As long as the state can assure the people it is eliminating (from welfare) some type of job training or job placement, then the bill should be beneficial," he said.

According to the legislation, 75 percent of the money saved through the gradual phasing-off of employables would be used to increase aid to those deemed unemployable or truly needy. General assistance recipients now receive \$172 each month.

The rest of the savings would go to:

- Tax credits to employers who hire former recipients.
- Expansion of the Pennsylvania Employables Program to aid job placement.
- Job training programs.

Ball, Fry elected to South Halls posts

By IRIS NAAR
Daily Collegian Staff Writer

Dean Ball (6th-mining engineering) and Lori Fry (8th-biology) last night were elected president and vice president respectively of the South Halls Residence Association.

The candidates, who ran unopposed, received 268 and 292 votes respectively, said Craig Ball, this year's SHRA president and the new president's brother. As a write-in candidate, Mark Greenfield received 14 votes for the presidential position and 11 votes for the vice presidential position, Ball said.

Lisa Goodison, who received 204 votes, and Jennifer Bruno, with 183 votes, were elected as representatives to the Association of Residence Hall Students. Heidi Andersson received 149 votes for the position.

Tina Markiewicz and Ken O'Neill, who received 143 and 140 votes respectively, were elected as representatives to the Residence Hall Advisory Board. Joe Cini and Cindee Ersek received 112 and 91 votes respectively for the position.

Dean Ball said he and Fry "just want to get more activities to unite the people in South Halls."

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