

THE COLLEGIATE

ATLANTIC CHRISTIAN COLLEGE

March 10, 1980

NUMBER 20

Cheerleading Tourney

and more high schools will take part. It is a great opportunity for ACC to attract prospective students.

The cost of the tournament for ACC students will be fifty cents. This may seem like a large sum compared to the usual presentation of an I.D., but it is not a college function, so this charge is necessary. Also, there is the cost of the trophies to consider. For this small sum, one's attending will be entertained by good cheerleading and a fine gymnastics show by one of our own students. Please show your support and attend on Friday, March 14 at 7:00 p.m.

Bloodmobile Makes Stop at ACC

by J. Fred Pearce

Tomorrow will be the last day of the Red Cross Bloodmobile for the ACC campus this year.

The Bloodmobile, which is being sponsored by the Junior Class and Sigma Phi Epsilon, will wind up its ACC visit tomorrow after collecting blood from much-needed donors be-

tween 10 a.m. and 5 p.m.

Giving blood is not really very hard to do. All it takes is a little time, time which could become important for someone else later.

Blood collected during a visit of the Bloodmobile is used not only to save lives by being given to those who need

it, but also by being used in vital research. Less than a pint is taken from the donor, and it does not take the body long to replenish that amount.

There will be credit given to those organizations which provide the greatest number of donors. Those clubs and organizations which show an extremely large proportion of donors will receive special recognition from the Red Cross and the sponsoring organizations.

It is hoped that Atlantic Christian will do itself proud by coming out and helping to save lives by giving of a little of its time and blood for the benefit of others.

See you in line.

CCA Holds Worship

11, 1980. All students and faculty are invited to attend. Hurry and finish your supper and come on over to join in this service.

The Campus Christian Association will be holding a worship service in Howard Chapel at 8:00 p.m., on Tuesday, March

Arts Festival Continues

After getting off to a slow start due to last week's snow, ACC's Art Festival will continue this week with a recital of contemporary chamber music and Part III of the series on American Art Films.

The recital, which will be held this Thursday, March 13, beginning at 11:00 a.m., in the Music Building, will be performed by ACC music majors. The films, which will feature "Claes Oldenburg," and "Andrew Wyeth," will also be on Thursday, from 7-8 p.m., in the Art Building.

All events are open to the entire public at no admission charge.

The festival will continue through March 27, and will include lectures, demonstrations and concerts by area groups as well as the film series which will be ending with this Thursday night's films.

Power: How?

Natural Steam as a Resource: Geothermal Energy

by Joel Brame

Geothermal sources, on a world scale, "could yield double the energy represented by the world's total deposit of oil, gas, and coal," speculates Tsvi Meidav, a United Nations expert in resources (Oliver S. Owen, *Natural Resource Conservation* (Macmillan Publishing Co., Inc., New York, 1975), p. 578). If this is true, this could be an alternate energy source worth developing.

Geothermal energy is derived from hot water deep beneath the earth's surface. Volcanic activity superheats underground water trapped in porous rock strata. Wells are drilled into these steam reservoirs, and the steam issues up the well shaft. This steam can then be utilized by a conventional steam-electric plant to produce electricity (*Natural Resource Conservation*, p. 577). There are currently two dozen demonstration plants in the western United States all of which are funded by the federal

government ("Alternative Energies at a Glance," *World Research INK* (January, February, March, 1980), p. 8).

The first use of geothermal energy was at Lardello, Italy in 1904. Other geothermal plants have been set up in New Zealand, Japan, Mexico, Iceland, and the Soviet Union. The world's third largest geothermal project is located at the Geysers, located 75 miles north of San Francisco, where production began in 1960 (*Natural Resource Conservation*, p. 578).

Geothermal power is cheap and pollution free. Capital investment is minimal, costing only \$150 per kilowatt, compared to \$250 for a coal-fired plant and \$500 for a nuclear power station (1975 estimates). However, there are some drawbacks. For one, minerals dissolved in the steam tend to foul up machinery. Also, the power it generates can only be utilized in the proximity of the specific reservoir (*World Research INK*,

p. 8). There is only negligible amounts of geothermal energy available in populous eastern United States. Furthermore, when the steam is released from the area, it naturally reduces the amount of heat in an area, which would disturb the environment in the resource area ("Geothermal Leasing: The Day Old Faithful Goes Dry?", *National Parks and Conservation Magazine* (September, 1979), p. 20).

Estimates are that by the end of the century 395 million kilowatts could be supplied by geothermal sources—more electric power than is produced by all the generating capacity of the United States today (*Natural Resource Conservation*, p. 578). If handled properly, geothermal energy could be a major step toward self-sufficiency and relief of the ever present energy crisis.



Photo by Peter Chamness

Due to last week's heavy snowfall, pictures of Stage and Scripts production of "The Merchant of Venice" were forced to be eliminated from last week's issue of the Collegiate. The Collegiate apologizes and congratulates the cast of "The Merchant of Venice" for a job well done.

WIA Congrats New Officers

Women's Interdorm Association extends a Congratulation to the newly elected officers of the Executive Council: President, Pam Jones; Vice-President, Jayne Peacock; Secretary, Kristy Koonce; Treasurer, Edie Dean.

Women residents, you have a

good Council working with you for the rest of the year and for 1980-81, so get ready to support it!! Meanwhile, remember the "Do's and Don'ts of Entertaining," March 25, at 6:00 in Hardy; and the "End of the Year Pig-Pickin' Celebration" scheduled for April with MIA!!

ATTENTION WOMEN !!
Mark Your Calendar!

For What? The Do's and Don'ts of Entertaining
When? Tuesday, March 25th, 6:00 p.m.
Where? Hardy Alumni Hall

Sponsored by Women's Interdorm Association
REFRESHMENTS WILL BE SERVED!

UPCOMING EVENTS

| | | |
|----------------------------|----------------|----------------------|
| Monday, March 10 | Art Department | 7:00 |
| Arts Festival | Hines 111 | 6:00 |
| Phi Mu Meeting | Hardy | 10:00 a.m.-5:00 p.m. |
| Bloodmobile | | |
| Tuesday, March 11 | | |
| Worship Service | Howard Chapel | 5:00 |
| Bloodmobile | Hardy | 10:00 a.m.-5:00 p.m. |
| Wednesday, March 12 | | |
| Circle K | Hines 211 | 6:00 |
| Thursday, March 13 | | |
| SGA Senate | Hardy | 5:45 |
| Panhellenic-IFC Greek Sing | Wilson Gym | 7:00 |
| Arts Festival | Art Department | 7:00 |
| Friday, March 14 | | |
| Cheerleader Tournament | Wilson Gym | 7:00 |
| Saturday, March 15 | | |
| Recital | Howard Chapel | 7:00 |
| Sunday, March 16 | | |
| Recital | Howard Chapel | 7:00 |