

Relationship between science and religion, Genesis versus big-bang subjects in lecture

By JOY THOMPSON
Staff Writer

Scientific evidence for evolution is so overwhelming it is impossible to keep a literal belief in the biblical story of creation found in Genesis, said Carlton College professor Ian G. Barbour in a lecture Monday night.

Barbour, a professor of science, technology and public policy, discussed the roles of chance, law and God in the creation of the universe during the John Calvin McNair lecture titled "Creation and Cosmology."

The McNair lecture was established through bequest of John Calvin McNair, an 1849 graduate of UNC-CH, to focus on the relationship between science and religion.

Barbour focused on conflicts between the big-bang theory and the biblical account of creation and ways to resolve them.

The big-bang theory suggests the universe began with a great explosion. The biblical story says God

created the universe.

In many cases, the ideas of creation by chance and by divine guidance play back and forth, Barbour said. One can accept both ideas if he departs from biblical literalism, he said.

Nature's role in creation is not excluded but is dealt with throughout the Bible, Barbour said.

Scientific creationists try to prove, on a scientific basis, that the world was created in seven days as told in the Bible, Barbour said. Congress was right in not passing a bill that required this version of creation to be taught in public schools alongside the theory of evolution, he said.

"Scientific creationism is not a science but religious theology," Barbour said.

Barbour said he thought scientific creationists were "off base."

Barbour showed an outline detailing the origin of the big-bang theory and the biblical treatment of creation. He also discussed the controversy over

whether creation was an single act or a continuing process.

Barbour received his bachelor's degree from Swarthmore College in 1943, his master's from Duke University in 1946, his doctorate from the University of Chicago in 1950 and a bachelor's degree in divinity from Yale University in 1956.

He is on the editorial boards of the magazines *Process Studies*, *Zygon* and *Environmental Ethics*. He was on the advisory board on ethics and values in science and technology of the National Science Foundation.

A native of Peking, China, Barbour is a member of Phi Beta Kappa, Sigma Chi and the Society for Values in Higher Education. He has received several awards, including the National Humanities Center fellowship in 1980-81 at Research Triangle Park. Barbour has also written many articles and books, including "Myths, Models and Paradigms," which was nominated for the 1975 National Book Award.

Green's are for nature

By JILL GERBER
Staff Writer

The traditional leftist political concerns of creating jobs and maintaining unlimited economic growth will have to be incorporated with the environmentalist or "green" concerns of peace, ecology and sustainable economics to make our system work, a UNC political science graduate student said Monday night.

"If the left is gonna remain visible in western society, it'll have to embrace some green values," Daniel Neal Graham said. His speech, "Green Politics and the Left," was sponsored by the Triangle Democratic Socialists of America.

Leftist and environmentalist political values differ greatly although the two factions have agreed on issues more often in the past 10 to 15 years, Graham said.

Both groups share the ideology that goods should be produced for social benefit, not profit, he said.

"The exploitation of people and of nature are mutually reinforcing trends," Graham said. "In a capitalistic socialist society we work to live. What Marx envisioned was that we live to work."

The two groups agree on conserving energy, lowering military spending and maintaining safe working conditions, he said.

Graham cited the recent advertisements from labor organizations in the journal *Environmental Action* as an example of green and "red" views.

The groups disagree on economic theories and views of nature, Graham said.

The traditional left advocates unlimited economic growth to have a "bigger piece of pie" to distribute more equally, he said.

The problem with this view is future generations will expect infinite

economic resources. Also, economic growth has been historically linked to imperialism and colonialism, which yield temporary benefits, he said.

The green economic view of sustainable economics is based on the understanding of the laws of nature, in which everything is interconnected. Culture, economics and politics should all work together to better society, Graham said.

"As long as we have to bribe corporations to act with society in mind, economic growth will be a question," he said.

The traditional left view of science is anthropocentric; nature is there for man to use for his benefit, Graham said.

The green view is biocentric; man is part of the earth, intricately balanced with nature, he said.

Graham said environmentalists criticized modern science for arrogantly ignoring the laws of nature. Scientists glorify their technology to blow up the earth or destroy the ecosystem, he said.

Modern science is based on the thoughts of Newton and Descartes. It has to be broken down into parts to be studied, Graham said.

Greens, in contrast, emphasized the relationships between the parts to give a better understanding of the whole. With this model, they could remove themselves from the left-right political scale, he said.

"The Green Party really does cut across the left and right spectrum," Graham said. "I would tend to put them more to the left."

The United States does not have an official environmentalist or green party but West Germany has a successful one. There are movements in Europe to align green and red parties, he said.

Free grain no gain in Ethiopia: government eats into good will

By DEVI SEN
Staff Writer

The Ethiopian famine is the result of a land-abused country with a poor system of government, an Ethiopian native told a small crowd Monday night in the Student Union.

Tekola Fisseha, who has lived in the Chapel Hill area for the past 10 years and now is associated with the Durham County Public Health Department and Duke University, spoke about the causes, consequences and future of Ethiopia's plight.

The problems, Fisseha said, originated within the Ethiopian government and East-West relations created havoc on the African nation.

"The U.S. government was informed by the Ethiopian government of pending starvation (in 1982)," Fisseha said. "The Reagan Administration did not respond."

Fisseha said the Ethiopian government was in debt to the Soviet Union. The payment was to send the grain and other food sent to Ethiopia to feed its starving people, to Russia.

"The Ethiopian economy is diverted mainly to support the Army and to buy arms from Russia," Fisseha said.

"Since 1976, the Soviet Union has provided the Ethiopians with two billion dollars worth of firearms," Fisseha said. "They want something in return."

The United States and Europe have contributed plenty

of grain to Ethiopia, Fisseha said. What doesn't get sent to the Soviet Union sits on the docks rotting.

"There is no storage facility in Ethiopia for the grain," Fisseha said. "What comes in gets dumped off until transportation is available."

Lack of rain causes problems in Ethiopia, Fisseha said. Nature has abused the land for centuries.

"If all the conditions were right, a farmer could produce everything he needs in order to eat for the coming year," Fisseha said.

Fisseha said the Ethiopian people recognized the good will gestures from the world, but free grain had not improved Ethiopia's economy.

"The only relief we can provide is to teach them (farmers) how to feed themselves," Fisseha.

The African nation needs agricultural and medical training, Fisseha said. The average income per capita in Ethiopia is \$60 a year.

"I have seen many Ethiopian medical students in the North," Fisseha said. "All of them intend to return to their country once they have completed their education."

By providing the farmers with modern technology, the land could once again be cultivated, Fisseha said.

Political cooperation between the super powers, and the friendly contributions of relief agencies, could solve the plight of Ethiopia, Fisseha said.

'Blue Light Blues' program in Union

"Blue Light Blues," a program telling people who get picked up for traffic, drinking or driving citations how to handle the cops and the courts, will be held from 8:30 to 10 p.m. in Room 226 of the Student Union.

The program is sponsored by the Carolina Union Weekly Features committee.

Social committee sponsors festival

An Oktoberfest festival will be held in the Pit today from 11 a.m. to 2 p.m. There will be live entertainment, international beer samples and German food prepared by ARA. There is no charge.

The festival is sponsored by the social committee of the Carolina Union.

Economics majors need critical reasoning skills plus some work experience for future, forum says

By LISA ALLEN
Staff Writer

Economic majors at UNC need to develop their critical reasoning skills to be effective candidates for future employment, forum speakers in Gardner Hall said Tuesday.

Economics faculty, returning graduates, UNC Career Planning and Placement counselors and students met to help economics majors investigate job options in their field.

Vicki Lotz, a placement counselor for Liberal Arts majors at the Career Planning and Placement Center in Hanes Hall, spoke to students about some of the available services. The Center offers workshops in interviewing and resume writing and provides some

job referrals.

Robin Joseph, another counselor at Career Planning, suggested that students try and find a semester or summer internship as a way to "bridge the gap between the classroom and the working world," she said, and to help them find out if they have chosen the right career.

Alfred Field, a professor who attended the forum, said that there was a lot of uncertainty among economics majors about what they should do with their degree once they were out of school.

"Students have stopped and asked me questions," Field said. "Hopefully the forum has made people aware of some job opportunities that they hadn't considered before."

Robert Lee, a UNC economics professor, stated that what students learned in their courses probably isn't the deciding factor in their employment.

"A company will train you to do what they want you to do," he said. "They want to know that you have learned to write, think and read critically in the classroom."

Andrea Carpenter, an alumnae now employed with Wachovia Bank and Trust, obtained her position through a job interview set up by the Career Planning and Placement Center.

"Having a general knowledge of capital markets and what banking involves helped me," she said.

Once a person has learned to speak the language of economics, she said, obtaining the necessary job skills is just a matter of time.

William Desvousges, a UNC professor, said it was never too early for a student to start exploring job possibilities.

"People feel like they can put off looking for a job indefinitely," Desvousges said. "They can never find enough time. You have to start reading and thinking about your future now."

"Anything like this forum that gets people to start looking is a step in the right direction."

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