

CAROLINA

THURSDAY

SEVEN ARTS PRODUCTIONS-JEFF PRODUCTIONS PRESENT

**BURT LANCASTER**  
**KIRK DOUGLAS**  
**FREDRIC MARCH**  
**AVA GARDNER**

JOHN FRANKENHEIMER JOEL  
SEVEN DAYS IN MAY  
AN EPISODE OF SUCCESS

FRIDAY - SATURDAY

**IT RIPS INTO THE ADDICTS' SECRET WORLD OF VIOLENT NEEDS!**



COLUMBIA PICTURES presents  
A RICHARD QUINE Production  
**"Synanon"**  
starring EDMOND O'BRIEN - CHUCK CONNORS - STELLA STEVENS

SUN. - MON.

ALL-NEW FULL-LENGTH FEATURE IN TECHNICOLOR

**McHALE'S NAVY**  
JOINS THE AIR FORCE

STARRING  
TIM CONWAY - JOE FLYNN  
and the McHALE'S NAVY CREW

TUESDAY

THE BIGGEST DRAMA

LANA TURNER  
JOHN GAVIN

**Imitation of Life**  
A Color Picture

starring SANDRA DEE - DAN O'HERLIHY  
SUSAN KOHNER - ROBERT ALDA  
with JUANITA MOORE - MAHALIA JACKSON  
singing "Trouble of the World"

EARL GRANT  
singing "Imitation of Life"

A UNIVERSAL RE-RELEASE

WEDNESDAY

Universal presents  
MARLON BRANDO  
KARL MALDEN

**One Eyed Jacks**

TECHNICOLOR

Library Employee To Retire

The former head of the catalog department in the Louis Round Wilson Library is retiring after serving here for 19 years.

Frances L. Yocom, a native of Ohio, was honored last week, with the presentation of a silver bowl from the staff of the library. Mrs. Robert Churchill, president of the staff association, made the presentation.

Miss Yocom, a former president of the Chapel Hill chapter of the American Association of University Women, is also a member of the American Library Association, the Southeastern Library Association and the N. C. Library Association.

She attended Oberlin College and received her library training at Western Reserve, Columbia and the University of California at Berkeley.

Prior to coming to UNC, she was associated with the Fisk University Library in Nashville, Tenn., and the Humboldt State College library in Arcata, Calif.

Science Grants

The National Science Foundation has announced the award of \$95,190 to three units of the University to help strengthen science programs.

The awards were part of \$11.4 million given to 376 colleges and universities.

The amount to each of the UNC institutions is: UNC, \$42,554; UNC-G, \$10,774; and N.C. State, \$41,862.

The funds can be used for science education, research or both, just so they are used to meet the direct costs of scientific activities.

**Varsity**  
NOW PLAYING

GARY COOPER  
BURT LANCASTER  
VERA CRUZ  
TECHNICOLOR

FRIDAY - SATURDAY

**Ski Party**  
...PATHECOLOR... PANAVISION

STARTS SUNDAY

Edward Small presents  
BOB HOPE  
TUESDAY WELD  
FRANKIE AVALON  
DINA MERRILL

**"I'll Take Sweden"**  
TECHNICOLOR UNITED ARTISTS

UNC Study Team To Explore World Population Problems

By JULIA PARKER  
Tar Heel Staff Writer

Would a lower birth rate solve pollution problems in complex societies? How would the skills, education, earning power and social achievement of the nation's labor force be affected by smaller families? What would be the economic impact of a sudden decrease in population?

UNC has set up a University-wide team to dig out the answers to these and other questions raised by the phenomenal growth of the world's population and problems of the United States in particular.

Subsidies are now being sought from the Ford Foundation, USAID, and National Institute of Health to cover a portion of faculty salaries in the anticipated \$1 million per year budget.

Planning for the program began last year. Operations will begin this fall on a limited scale, and the program is expected to be in full swing by the fall of 1966.

Dr. John B. Graham, head of the committee on population studies and professor of pathology at the Medical School here, points to the rapidly declining resources and expanding pollution problems of the U. S. as areas of urgent interest.

"Currently the U. S. is using 50 per cent of the world's resources while we have only 10 per cent of the world's population.

"We are now running low on such irreplaceable materials as oil and contaminating useful resources with indisposable wastes of production. At the same time the developing countries are demanding more of the world resources for their expanding economies.

"There just isn't enough at present to supply everybody indefinitely.

"We've got to find ways of making population control programs acceptable to people in order to combat the population explosion. This is the main emphasis of our studies — development of effective programs through statistical research and field studies, and training of personnel to carry them out."

Graham also noted that the School of Public Health has been doing studies on pollution and on operation of public health community programs which will be valuable to the

LOST OR STRAYED — Sunday, Sealpoint Siamese male cat. Two years old. Answers to the name of Ming. Reward offered. 942-2266 or at Villa Tempesta.

Belmondo Festival

Today - Saturday  
2 New First-Runs  
**"DOULOS, THE FINGER MAN"**  
Directed by Jean-Pierre Melville  
Starring Belmondo, Jean Desailly  
"Does honor to the old Cagney-Bogart tradition!"  
—Herald-Tribune  
1:32, 4:38, 7:45  
**"MALE HUNT"**  
Belmondo, Jean-Claude Brialy, Catherine Deneuve, Francoise Dorcleac  
3:06, 6:12, 9:20  
Sunday - Tuesday  
**"MONKEY IN WINTER"**  
with Jean Gabin  
**"THAT MAN FROM RIO"**  
RIALTO, Durham

populations program.

Graham said the Tar Heel State has nearly ideal conditions for such studies:

(1) All county health departments offer contraceptive methods and information on family planning.

(2) North Carolina is the only state which permits sterilization to be used for other than strictly medical grounds.

(3) The close communication of specialists available within UNC, at Duke and N. C. State, and in the research Triangle Institute.

(4) The wide variety of geographical, environmental, racial and ethnic factors available for population samples and model programs.

"Rural white Americans and the urban middleclass are primary centers of emphasis in our plans," Graham said.

"It is the rural man in our country who has the most difficulty earning a living and educating his children. The urban middleclass is also beginning to feel the pressure of city living costs coupled with the expense of college."

Graham also pointed out that North Carolina Negroes are one of the biggest challenges the program faces.

This group, he notes, is trapped in a low income level by the cost of raising large families, often with only one parent to keep the family going. Children forced to drop out of school to help support the family haven't a chance for any sort of well-paying job.

"The key to all these problems is getting the population to use birth control methods and keep the family size down to a level where the children are well-fed and educated."

Education, says Graham, is the solution to the nation's present bind of unemployment and poverty in the presence of plenty. But education is expensive, he points out, and smaller families would result in a higher percentage educated than are now because of that expense.

Spreading information about birth control is therefore a top priority project.

Pilot Programs

Pilot field programs have been in operation for some years under the auspices of the school of Public Health and Department of Sociology, and in the individual research of UNC faculty members. For the past 25 years the School of Sociology has done work in studies of population size, density, distribution and vital statistics.

Dr. Bernard G. Greenberg, head of the Biostatistics Department, has done research in measuring the extent of use of contraceptives and their impact on the community. In the Medical School Dr. Charles E. Flowers, professor of obstetrics and gynecology, did extensive work in the development of oral contraceptives, Graham said.

All are on the planning committee and prospective faculty for the program.

Others on the committee include Drs. Charles E. Bowerman, Daniel O. Price, and Rupert B. ance, all of the Institute of Research in Sociology; and Drs. Sidney S. Chipman and John T. Gentry of the School of Public Health.

Dr. Moye Freymann of the Ford Foundation's population program in India will arrive in July to take a professorship in the School of Public Health.

The starting faculty for next fall is anticipated to total more than 30.

Foreign Students

September will see the arrival of the first group of foreign students who will be trained in short courses and graduate degree programs to apply contraceptive methods and community planned-family programs in their own countries.

Graham expects knowledge gleaned from the resulting exchange of ideas from these students and from anticipated in-the-field studies both in this country and abroad to be a valuable asset. India, Iran and Thailand are listed as possible locations for field studies.

Projected plans for model family planning clinics are to promote the use of intrauterine devices because of their low cost and simple methods involved in their use.

Known technically as Lippe loops, these devices have been used very successfully, according to Graham, in Puerto Rico community programs.

In evaluating the success of these programs and attitudes blocking acceptance of contraceptive methods, UNC will have access to surveys conducted by the North Carolina Fund (the anti-poverty program).

"Virtually every school and department of the University will be involved in these studies," says Graham.

"We expect to have the School of Radio, TV and Motion Pictures to help develop educational films for teaching use here and for public information. The School of Religion and Philosophy would likely be called upon to supplement sociology with comparative religion studies to determine motives for acceptance or rejection of a technique in various cultures. We'll find economics a great help in statistics and measuring the relationship of population to business welfare. "The list is practically limitless."

UNC will make available the findings of its studies and the services of its faculty to governmental and non-governmental agencies both in the United States and overseas.

This will be done on a consultation basis.

"When we look back at this program 10 years from now," Graham said, "I think we will find that our most important contribution has been training people and the dissemination of knowledge. This population study is a good illustration of how vitally involved a university must be these days in all areas of national life."

Gets Fellowship

James Ray Hall of Sanford, a rising junior in the School of Pharmacy has been chosen as a Mead Johnson Undergraduate Research Fellow for 1965-66. He is one of eight such fellows in the nation.

He was selected from applicants consisting of honor roll students and students gifted in chemistry and mathematics. All applicants are enrolled in the pharmacy school's five-year program.

The fellowship is financed by a \$1,000 grant to Dr. George H. Cocolas of the pharmacy faculty.

The grant was made by the American Association of Colleges of Pharmacy with funds from Mead Johnson Laboratories of Evansville, Ind.

His research work will be done here at the pharmacy school.