

THE CAROLINA POPULATION CENTER
UNIVERSITY OF NORTH CAROLINA
CHAPEL HILL, NORTH CAROLINA

Announcing a new program . . .

MEDICAL STUDENTS' SUMMER RESEARCH ON
POPULATION AND FAMILY PLANNING

June 10 to August 30, 1968

1. Summer Research Program

2. Carolina Population Center and University Population Program

3. Stipends and Support

4. Transportation Needs

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1. Summer Research Program

Rational control of human fertility is one of mankind's greatest problems. The physician-teacher has a crucial role in studying and solving this problem. In order to provide an educational and research opportunity for medical students who wish to explore career possibilities related to the field of population and human reproduction, or who simply wish to become better informed about this challenging professional area, the Carolina Population Center of the University of North Carolina has developed a summer program in population and family planning studies.

Each participating student will work closely on one or more research projects with a faculty preceptor who is a member of the University Population Program. In the first week, an orientation program will provide a general introduction to world population growth and family planning programs. The work will be centered at Chapel Hill, but research may be done in various locations in North Carolina. Regularly scheduled research conferences will provide interchange and feedback among the participating students and faculty throughout the program. Each student (with guidance from a preceptor) will prepare a scientific paper during the summer, covering his research activities.

Students participating in one summer are encouraged to reapply the next year. For students who demonstrate particular aptitude, a second summer in residence in an international family planning setting may be arranged. Presently the Carolina Population Center has relationships with family planning and population activities in several countries, including Thailand, India, Chile, and the United Arab Republic.

2. The Carolina Population Center and the University Population Program.

The Carolina Population Center is the interdisciplinary hub of a University Population Program involving 15 graduate departments and nearly 75 faculty members of the University,

in a coordinated program of teaching, research and service in population and family planning. The summer research program will utilize the Center's access to research opportunities throughout the university and areas of the state.

3. Stipends and Support

The program will provide a general stipend to each student of \$350 per month. A per diem and expenses will be provided when travel is required for the research program. Housing for single students will be arranged for the summer period; students will be expected to handle lodging and meal expenses from their stipend. For student's travel from their current residence to Chapel Hill and return, the program can provide modest assistance.

4. Transportation Needs

Students who can bring a car to Chapel Hill will find it very useful, but this is not a requirement for participation in the program.

5. Further information and application procedures

Application forms for the Summer Research Program are available in the Dean's Office in your school. The deadline for application is April 15, 1968; however, applicants are encouraged to send their materials in at the earliest possible convenience. Send applications or write for further information to:

Charles B. Arnold, M.D.
Director, Summer Research Program
Carolina Population Center
500 Pittsboro Street
Chapel Hill, North Carolina 27514

Faculty participants

Charles B. Arnold, M.D., M.P.H.

Robert R. Blake, M.A.

Elizabeth M. Edmands, R.N., B.S. in P.H.N., M.A.

Liam H. Daly, M.B.

Sagar Jain, Ph.D.

Jaroslav Hulka, M.D.

Abdel R. Omran, M.D., Dr.P.H.

Earl Siegel, M.D., M.P.H.

J. Richard Udry, Ph.D.

Examples of possible research topics:

Length of birth interval and pregnancy outcome
Prematurity, stillbirth, and miscarriage rates in a low-income community
Level of education and myths about contraceptive methods
Comparison of family planning approaches to reach needy families
Case studies of community-wide family planning
Relationships between family size and family health
Means of identifying community family planning needs
Sexual frequency and birth outcome
Downward social mobility to poor pregnancy outcome
Psychosomatic responses and birth outcomes
Evaluation of family planning instructional materials
Family planning instructional methods for para-medical personnel
Medical comparisons of contraceptive methods
Family planning program effects in a rural community
Medical responses to abortion legislation
Students' perceptions of population increase and reproductive processes
Studies of sex education curriculum
Adolescents' needs for sex education in the schools
The practice of physicians and ministers in pre-marital family planning counseling