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NON-CAPITAL PROJECT PAPER (PROP)

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COUNTRY: Worldwide

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PROJECT NUMBER:

PROJECT TITLE: Expansion of Population Program Communication -
University of Chicago

U.S. OBLIGATION SPAN: FY 1971-75 (60 months)

GROSS LIFE-OF-PROJECT FINANCIAL REQUIREMENTS

U. S. Dollars (60 months).....\$854,000

I. SUMMARY

Under this proposal, the grantee - the Community and Family Study Center, University of Chicago - will create and strengthen an institutional capability for a graduate-level training program in Population Program Communication. The first intake of masters degree students would begin training in September 1971. Effective population communication involves the planning and conduct of sustained efforts to inform world and national leaders and the citizenry at large concerning the impact of rapid population growth on the quality of living - availability of schools, housing, jobs, food, medical services, etc. and to motivate them to take policy and individual actions that will lead to a reduction in excessively high birth rates. Communication support for population programs makes use of all suitable media, channels, messages, techniques, and other resources that are available. They integrate their activities with the activities of service organizations, both public and private, that are providing contraceptive and health services with a broad supporting program of information and education.

The Population Program Communication training scheme, built upon an already existing nucleus of faculty and facilities at the Community and Family Study Center, would have the capacity to accommodate not less than 25 Masters degree candidates per year.

At present, there is a great and increasing need for population communication specialists of high competence to develop the communication component of population programs at all levels. At present, these needs are being met to a limited extent through short-term workshops, training seminars and courses such as the Summer Communication Workshops of the University of Chicago, but these must be viewed as of essentially stop-gap character. In eight successive summers these workshops have been attended by 619 participants from 50 countries. As valuable as they are, these short-term non-degree programs do not meet the needs in the field fully since the population crisis is one that will last for several decades. Therefore large numbers of professional career communication workers will be required who have acquired backgrounds in the sociological and social psychological aspects of human motivation in the family planning field as well as communications production techniques.

This project would contribute to a long-term basic solution to the problem by attracting into the field younger career-minded persons of many nationalities and provide them with more comprehensive training. The longer term training under this project would be a carefully planned program of graduate study. It would lead to a graduate level academic Masters degree from the University of Chicago. In addition to certifying a specified and universally recognized level of training, a degree program will help provide its graduates with a professional identity that will assist them in building a career in the population field. It will also address a chronic problem found among many national family planning programs - their inability to achieve their announced goals due, in large measure, to population communication programs too small, poorly researched and planned, inadequately managed and not subject to critical evaluation for the purpose of improving them.

II. SETTING OR ENVIRONMENT

The Community and Family Service Center, established in 1953, is a part of the Division of Social Sciences of the University of Chicago. Twenty one programs of study at the masters and doctoral level are carried on within the Division. During the current 1970-71 academic year there are nearly 1,500 students enrolled in the various Division programs. As stated by the University itself, in its general catalogue, the Division of Social Sciences is "concerned with the nature of man, the ideas and institutions that he has built and that in turn have helped to shape his nature, the relation between him and his fellows, and the interaction between man and the world in which he lives."

The C.F.S.C., particularly within the last decade under the present Director, Dr. Donald J. Bogue, has conducted extensive research and evaluation of family planning programs both domestically and internationally. This has led to their conclusion that "it is possible to cause birth rates to fall - even in advance of technological change, under conditions of almost complete illiteracy and apparent hopeless traditionalism and lassitude." However, the problem of motivation, even where contraceptive methods are known and available, is a major one in most family planning programs. Seven social psychological conditions are seen by C.F.S.C., based upon its experience, as necessary for a couple to possess before there is a reasonably high probability that they will become "acceptors" of family planning advice and practices, regardless of the couple's social or religious or economic status in any part of the world.

The communications media, the C.F.S.C. has proposed, can be used in a massive way to promote all seven of these conditions which include (1) information, the knowledge of methods (2) motivation, a sense of need (3) credibility, a sense of belief and trust (4) legitimacy through social acceptance (5) positive attitude to at least one reliable method (6) self-referral that action needs to

be taken and (7) sense of competence or self-confidence in ability to use methods correctly.

Several donors contribute to the activities of the C.F.S.C. Among them is the Ford Foundation which made a basic support grant in four areas of family planning (1) training (2) research and evaluation (3) technical assistance in data processing to overseas organizations and (4) technical assistance overseas. The National Institutes of Health, Rockefeller Foundation, A.I.D., U.N.D.P. and others have financed individual fellowships at the University of Chicago campus (including several regional AID population officers) as well as specific technical assistance workshops and projects abroad in Latin America, Near East, Far East, the Caribbean and Africa.

A recent Chicago summer workshop on "Family Planning: Mass Communication - Motivation - Research - Evaluation" conducted in English, French and Spanish brought together 149 participants from 30 countries. The first of three AID sponsored workshops on "Improvement of Family Planning Programs through Evaluation" was organized by C.F.S.C. in Korea in February 1970. Another was held at Santiago, Chile in May 1970. In mid-1971, C.F.S.C., with AID support, is arranging at Bogota a conference for high level family planning administrators in the Latin American region. Four courses, including one in communication and motivation, are scheduled to be covered in the two-week discussions. At Chicago, the C.F.S.C. will convene, under Foundation sponsorship, an international seminar on the "Impact of the Papal Encyclical on Family Planning". This meeting will be held in the campus Continuing Education Center located one block west from the C.F.S.C.

Simultaneous with its international activities, the C.F.S.C. carries on its regular academic program. During the current year there are 28 students (2/3ds non-U.S. nationals) enrolled in the Divisional Master's Program and 22 in the doctoral program. Each year a number of the research projects carried on by

C.F.S.C. students and faculty are published in the form of monographs, articles and books by the C.F.S.C. Press which is a facility independent of the well-known University of Chicago Press.

The setting, therefore for this proposed project at the University of Chicago appears to be in an ideal location. The C.F.S.C. has already established over the last two decades a worldwide reputation as a leader in research and training in the social science implications of family planning. The C.F.S.C.'s "good will" among scholars as well as activists in the family planning field is extensive.

This project proposal, to add the master degree level program in Population Communication to the many family planning activities already underway at C.F.S.C. under multiple sponsorship, appears to assure AID maximum returns from its contribution. Project start up time is also minimal. With a firm A.I.D. commitment by June 1971 C.F.S.C. is geared up to start its first training class under this project almost immediately in September 1971.

Elsewhere in the United States, programs for training in Population Communications have already been established recently or are being planned at two other universities - North Carolina and the East-West Center in collaboration with the University of Hawaii. The proposed program under this project will complement and strengthen both the newer Hawaii and North Carolina programs for the following reasons:

A. The East-West Center program is designed to be a non-degree short term training program for the Asia and the Pacific area particularly, whereas the University of Chicago program is intended to be a degree program with long-term (one-year) training.

B. The University of North Carolina program will emphasize media production strongly, and will have a strong mass communication emphasis (including radio and television journalism), whereas the University of Chicago program will also

emphasize program planning and administration, and research and evaluation.

C. The University of Chicago Summer Workshop on Family Planning Communications will make full use of the other two programs, whose programs are basically scheduled in the winter months, through an exchange arrangement. Members of their faculties will be invited to Chicago as visiting experts.

D. For several years an informal and friendly professional working relationship has existed among the directors of these programs. It is expected that numerous joint planning and discussion sessions will be held to coordinate and integrate the activities of the three units within the United States.

E. The total manpower requirements for population communication specialists at various levels is sufficiently large so that all three schools can work to capacity without competing either for students or functions.

F. Among the three locations - Honolulu, Chapel Hill and Chicago - the C.F.S.C. will have access to a larger variety and volume of local teaching resources in the communications field. Chicago is one of the top three communications centers in the United States.

Under this project the University of Chicago would expand, over a five year period, its teaching and laboratory facilities to train persons to meet some of the growing communication needs of the population program. The program envisaged would aspire to the same level of academic excellence as the other programs and departments in the Social Science Division of the University.

III. STRATEGY

A large share of the ingredients required for the proposed training program already exist at the University of Chicago either as a part of the regular academic program of the Social Science Division or as special programs of the Community and Family Study Center. Through a moderate expansion of faculty and staff and laboratory facilities it would be possible to have a complete program in

It is planned to organize the program along four distinct lines, as follows:

- A. Academic training in basic theory - "Core courses" in communication theory, social psychology and communication research methodology and seminars on communication are required of all participants. Each participant will be able to elect at least one course each quarter, from a list of approved electives, in order to permit specialization.
- B. Practical experience in communication programming - Instruction and laboratory practice in the production of communication materials, using each of the principal media, will be carried out in terms of family planning problems. Much of this type of instruction would be performed during the summer quarters, as a part of the Annual Summer Workshop on Family Planning which has been offered at Chicago for the past 8 summers.
- C. Development of new approaches - Working under the guidance of communication specialists who are intimately involved in the world family movement, the participants will be helped to do fresh thinking and fresh programming for population communication. They will review current programs in different nations in the light of research and evaluation fundings and with this as a starting point they will undertake to develop new programs for their respective countries or organizations that combine their theoretical training with the empirical facts of the situation.
- D. Practical experience in communication research and evaluation - Communication professionals in the LDCs are seldom found trained and experienced in practical research and evaluation tasks. There is general recognition of the need for pretesting and pilot-testing new

programs before mass production. There is also recognition of the need for measuring the extent to which these programs attain their intended objectives. Usually the communication programs can be greatly improved by identifying through evaluation research the causes of failure and eliminating them. The proposed training program under this project would build up a very strong communication research facility with a practical "operational" outlook. In this manner participants desiring to specialize in the research and evaluation aspects of the program may do so.

IV. PLANNED TARGETS

Starting in September 1971, the University of Chicago proposes a training program aimed at providing the professional training required to perform the communication tasks with population programs. Upon completion of the requirements, the participants would receive the Divisional Masters Degree in Communication, awarded by the Divisional Masters Program of the University. The minimum time required to complete the program in one year, or four quarters, with five quarters regarded as optimal where specialization in a particular medium is desirable.

The curriculum is planned to be flexible enough to permit the development of special interests and preparation for particular communication assignments desired by the sponsor or the trainee. The program is sufficiently structured to assure that each person who successfully completes it will be able to "do the communication and motivation job" which the present needs of the world's family planning programs require.

The Chicago program would not aim to turn out persons capable of walking into a television studio and assuming the role of producer or production director in this or another medium. They would be prepared to coordinate and plan total campaigns and systems of campaigns, using all of the media, with sufficient knowledge and experience of each medium needed to work collaboratively with the artists and technicians who will turn these plans into live productions.

With this objective in mind, the courses would be fitted together in such a way that the participants would receive the basic training and laboratory experience in the practical use of each of the media. By this they would come to understand each medium as a tool and to know its potentials and problems of use.

The principal goal of the proposed University of Chicago program would be to produce persons prepared to work as professional "managers" or directors of communications programs rather than as technicians and producers. A graduate of this program should be prepared to:

- A. Plan communication programs.
- B. Coordinate and guide a staff of technical workers to carry out planned communication programs.
- C. Work with producers in all of the media organizations to get the program plans translated into communication campaigns.
- D. Plan and participate in evaluative research to measure and interpret the impact of the communication program upon the intended audiences.
- E. Combine the results of evaluative research with other information concerning other programs around the world to work continuously to modify and improve his program.

The program, therefore, is designed to equip communication leaders by providing training which emphasizes principles, theories and the absorption of a large amount of systematic knowledge contained in research reports and critiques of previous programs. The professional training received to perform the tasks outlined above should qualify the person for the Divisional Masters Degree in Communication.

V. COURSE OF ACTION

A one-year curriculum has been planned on the assumption that the students would enter as a group in the autumn quarter and undergo three quarters of academic training. This would be followed, during the summer quarter, by a special intensive workshop on practical use of the various media in the production of family planning communications. This workshop would be carried out under the guidance of visiting experts brought to the campus as a part of the Annual Summer Workshop on Family Planning. In addition, there would be continuous contact with the various media in the Chicago area throughout the year as a part of the assigned work in the various communication courses.

The following curriculum is regarded as a prototype. The starred courses (*) will be required of all enrollees, while the remaining courses are desirable for most participants. Electives are to be filled from the "List of Approved Electives" that follows the curriculum.

AUTUMN QUARTER

Introduction to the Study of Communication and Social Change

*Introduction to Methods of Social Research -- member, Sociology faculty.

Principles of Social Psychology (special course for these trainees)

*Practicum in Communication -- staff and weekly guest lecturer

WINTER QUARTER

*Readings in Communication, with Special Reference to Family Planning -- staff

*Introduction to Communications Research

Introduction to Applied Statistics--Department of Statistics

*Practicum in Communication -- staff

SPRING QUARTER

*Seminar--Use of Communication Media for Inducing Behavior Change (thesis seminar)

*Field Work in Communication

Theory and Measurement of Attitudes, Motives, Values and Opinions

SUMMER QUARTER

*Program Planning for Family Population Communication

*Production of Population Communication Materials for the Media (Elective--completion of thesis)

List of Approved Electives. The courses in the above curriculum that are not starred (*) are regarded as electives which it is desirable to take in most cases. However, the student may substitute any of the following courses from other departments of the Division of Social Science and the University for these electives if he wishes.

Individual Study or Research in Communication

Introduction to the Study of Population--Sociology Department

Psychology of Human Motivation--Psychology Department

Psychology of Attitude Change--Psychology Department

Adult Education--School of Education

Projective Techniques--Committee on Human Development

Sociology of the Family--Sociology Department

Business Communications--Business School

Audio-Visual Methods in Education

Group Learning Methods--School of Education

Economic Development and Cultural Change--Economics Department

Population Economics--Economics Department

Reproductive Biology and Medical Aspects of Family Planning - Medicine

Techniques of Demographic Research--Sociology Department
 Anthropological Studies of the Family--Anthropology Department

Upon application, a student may propose additional courses as electives. He may also appeal to be excused from particular required courses in order to follow out a specialized course or preparation.

Physical Facilities for the Program

The University of Chicago will provide all office and classroom space needed for this expanded program. Each member added to the regular faculty will be provided with an office. Each member added to the staff of the Community and Family Study Center will be housed in space assigned to that Center. It is proposed at first to assign the 1,000 square foot facility at 935 East 60th Street (second floor of a converted home, containing one very large office-workshop and four smaller offices) to this program. This facility was used by the Summer Family Planning Communication Workshop. This will bring the staff members together into a coherent unit. In addition, the facilities of the main Center at 1411 East 60th Street will be available as needed. It is anticipated that the large office-workroom can be used as a workroom for media production, while the remaining offices will be assigned to staff members, visiting experts, and advanced graduate students.

The C.F.S.C. has available to it, on purchase option, a former fraternity house with 17,000 square feet of space at the corner of East 56th Street and Woodlawn Avenue. Much of this space would be devoted to the Population Program Communication graduate level courses. A foundation is reported to have agreed to purchase the building for use of the C.F.S.C. on the condition that the renovation work, estimated at \$50,000, be financed from other sources. A copy of the University Architect's report covering the planned renovations of the building is filed in TA/POP.

For special communication conferences which may later emerge from this project, with special funding, the C.F.S.C. has available for its use the conference facilities of the University's Center for Continuing Education. This modern center, containing ten conference rooms and an auditorium provides space for groups ranging in size from 20 to 400. Within the center there are 118 guest rooms, each with twin beds and private bath, and self-contained cafeteria and dining rooms. The Center is located at 1307 East 60th Street within one block of the C.F.S.C.'s main office at 1411 East 60th Street.

Communications Studios and Laboratories

A highly satisfactory arrangement has been worked out with the Circle Campus of the University of Illinois near Chicago's Loop for the use of their communication laboratories. This is a new facility constructed within the past three years, which is fully equipped with television, radio, movie and still photography studios and processing laboratories for the purpose of teaching. The Community and Family Study Center has an arrangement whereby it can use this facility at prearranged blocks of time for a very reasonable fee. The charge is very little more than out-of-pocket expenses to the University of Illinois, and includes the time of their technicians. Thus, at a comparatively small cost the University of Chicago has access to all of the technical facilities (and in exactly the amounts needed) to carry out this training program.

The University of Chicago Press maintains a printing department of worldwide reputation. The equipment and staff of this department will be available to the program under the same circumstances as the University of Illinois facilities described above--payment for actual time of staff and equipment utilized. This includes an excellent Art Department with staff experienced in the production of books, posters and a wide variety of other printed materials. The printing facilities permit multi-color letter press as well as offset printing and electric justifying-margin

typewriters programmed by electronic tape to produce copy for photographic reproduction. The Community and Family Study Center also publishes a series of monographs, and has a small but superior publication unit, whose physical facilities and personnel can be used in the training. In addition, the University maintains a complete line of audio-visual equipment that can be rented on daily, weekly or longer term basis as needed. There are facilities at the University Medical School and the School of Education for doing creative photographic and audio-visual work of high quality at reasonable cost, and these facilities will permit students to observe and use their facilities for practical experience.

With these arrangements, it is planned to make outright purchase of only a very limited amount of communications equipment. There will be no need to employ technicians to operate communications equipment as permanent members of the staff of the Community and Family Study Center. It is believed that the rental-and shared-use plan will enable the program to have ready access to the facilities it needs without the waste in the form of underutilization that often accompanies outright ownership of such equipment for training programs.

By its location in the Chicago region, the University has unique access to communication resources for observation, field work, and training that cannot be matched by any other university currently interested in population communication. It will be the principal duty of one of the additional members to be recruited to the Community and Family Study Center staff to develop working liaison with these facilities so that they may be used to the benefit of the population communication program. One aspect of the program will be arranging entire quarters of special study at one of the nearby universities or special programs of guided work in the local television, radio, newspaper, movie or other media establishments.

Requirements for Admission to the Program

In order to be admitted to the program a candidate must be a graduate of an accredited college or university and have a superior academic record. The academic requirements for admission are determined by the general admission policy of the University, and these same high standards will be supported by this program. It is preferable to confine the training to talented, highly motivated and creative students--both U.S. and non-U.S. citizens--who wish to work hard to achieve an outstanding level of competence than to dilute the classes with persons who are not up to university standards.

Facility in the use of English, as certified by one of the standard tests, is also a requirement for admission to the program. Special arrangements can be made to accept students who have near-adequate facility in English but require further study. Such students can be admitted in June and given a one-quarter training in spoken, written and oral English at a local university.

AID participants attending the C.F.S.C. population communication course will be selected by the AID regional population officers located throughout the world. They might be assisted by the nearly one thousand participants in C.F.S.C. programs relating to family planning from many different countries of the world.

Academic Personnel Needed to Carry out the Program

Program Director. (Dr. Donald J. Bogue) The overall administration of the program will be the responsibility of the Director of the Community and Family Study Center. He will be charged by the Dean of the Social Sciences Division and the Chairman of the Divisional Masters program for the proper conduct of the academic aspects of the program and for proper financial expenditures in accordance with the budget. In addition, he will participate in the teaching and the development aspects of the evaluation and operational research.

Program Coordinator. (to be recruited) The duties of the Program Coordinator will be to take charge of all non-academic training and all laboratory work involving planning communication programs and training in the various media. He will participate in the academic training, and will co-direct the Summer Workshop on Family Planning. This will be a senior person highly experienced in family communication, and well-trained in the use of the various media. He should be, in fact, a prototype of the type of expert we are trying to produce.

Communication Specialist. (to be recruited) This will be an experienced person out of a graduate school of communications who is familiar with the various media and who can act as a principal assistant to the Program Coordinator. The duties of this persons will be:

- (a) Teaching at least one of the "core courses" in communication
- (b) Making contact with and developing working relationships with the communications resources in the Chicago area. Supervise field work of students making use of these facilities
- (c) Assisting and advising students working on individual projects, either for classes, seminars or theses
- (d) Working with the program coordinator on new programs for family planning
- (e) Preparing training materials and developing training curricula for holding short-term training courses around the world, which they can use when they return home
- (f) Assisting in short-term training at East-West Center, University of Hawaii and University of North Carolina and other places as needed.
- (g) Participating in pretesting and evaluation research and directing students in the research work in the field.

Social Psychologist. Social Psychology, with particular reference to the needs of trainees from the developing nations, is an essential element of this program. The standard "Introduction to Social Psychology" course at the University of Chicago usually contains 90-120 students, almost all Americans. We propose to establish a special section of this course, oriented toward non-U.S. problems to

fit the needs of the program, and taught by a communication psychologist recruited for the purpose. He will hold a regular academic appointment in Sociology, but would work with this program half-time.

Communications Researcher. As described above, one facet of this program will be emphasis upon training and practical experimentation with the pretesting and pilot-testing of family planning communications materials, and in evaluation and measurement of the impact of population communications. It is planned, therefore, to recruit an additional communication research specialist and to employ him (or her) half-time. The other one-half of his salary would be paid by one of the Departments in the Social Science Division, and he would teach courses on communication and social psychology. He would be well-trained and experienced in content analysis as well as in pretesting of the media.

Visiting Experts. As described above, it is planned to develop close working relationships with the many organizations and universities in the Chicago region. During the quarters of practical work, experts in the various media will be brought in especially copious numbers. Some of this work will be performed without charge as a public service. However, in most cases it will be necessary to pay these experts an honorarium for the time they devote to the program. They will be paid at rates corresponding to academic rank.

Non-academic Personnel Needed to Carry out the Program

Media Assistants. For experimental and developmental work the Program Coordinator will need to employ, in a part-time basis, artists and technicians. The goal of their work would be rough out prototype productions that may be modified and converted into refined productions in the respective countries of the trainees.

Administrative Assistant. The admission of students, arrangement of meetings, handling of student field trips, keeping of payroll records, purchases and travel expenses requires the services of a part-time administrative assistant.

Secretary-typist and manuscript typist. The Program Coordinator will require a full-time combined secretary and manuscript typist. She will be assigned to the Program Coordinator, but will be available for manuscript and other typing and secretarial service by the other members of the staff.

Librarian. It is planned to build up a superior library of reprints and books on communication for inducing social change, and on communication in relation to population and family planning. The library will be small and highly focused. The librarian will be engaged in searching periodical and foreign literature for articles and other likely-to-be missed references. The library will be open to use for student reference.

Later as the project progresses and with the assistance of the University's School of Library Science, efforts will be made to catalogue and sort out the great volume of family planning materials and publications received from former students who attended the Summer Family Planning Communications Workshops. C.F.S.C. conducts mail exchanges every two years with each of the 619 participants in the first eight summer workshops from 50 countries. This may eventually make possible, if funds are available and the idea proves feasible, the publication of an exchange-of-ideas magazine for population communications and motivation specialists with family planning programs throughout the world.

Pretest-Evaluation Personnel. It is proposed to maintain a series of small-scale pretests and evaluation studies, both for teaching purposes and for the purpose of developing methodology. It is intended to maintain some sustained content analysis research on population control literature around the world. A part-time coder specialized in content analysis will also be used in studying the materials produced by the students, to help predict and understand what impact

their proposals may have upon the intended audiences.

In collaboration with other interested universities and agencies, the C.F.S.C. will also explore the feasibility of an ERIC-type clearinghouse (Educational Research Information Clearinghouse, Department of Health, Education and Welfare) for collecting pertinent publications on population program communication and motivation and making them available to family planing programs worldwide at cost in microfiche and print out form.

ESTIMATED BUDGET FOR POPULATION COMMUNICATION PROGRAM
 Community and Family Study Center, University of Chicago

	FY 1971	FY 1972	FY 1973	FY 1974	FY 1975
Salaries Academic:					
Director	\$ 47,375	\$ 49,725	\$ 52,192	\$ 54,782	\$ 57,500
Program Coordinator 100 percent of 3Q.....	20,000	21,000	22,050	23,152	24,310
Social Psychologist 50 percent of 3Q.....	6,875	7,250	7,625	8,000	8,375
Communications Specialist 100 pct. of 4Q..	14,000	14,700	15,435	16,207	17,017
Communication researcher 50 pct. of 4Q....	6,500	6,825	7,166	7,524	7,900
Salaries Nonacademic:	\$ 26,950	\$ 28,298	\$ 29,714	\$ 31,199	\$ 32,750
Media Assistant 100 percent.....	7,000	7,350	7,718	8,104	8,500
Protecting and Evaluation Field Supervisor 20 percent.....	1,500	1,575	1,654	1,737	1,825
Administrative Asst. 25 percent	1,750	1,838	1,930	2,026	2,125
Secretary-typist 100 percent.....	6,700	7,035	7,387	7,756	8,140
Librarian and bibliographic Asst. 50 pct..	3,250	3,412	3,583	3,762	3,950
Data Processing Supervisor 10 percent.....	750	788	827	868	910
Student Interviewers (part-time) 2- hrs/wk	2,500	2,625	2,756	2,894	3,035
Student Coders and Content Analysts (part-time) 25 hrs/wk.....	3,500	3,675	3,859	4,052	4,250
Honoraria (for visiting media experts teaching and consulting).....	\$ 2,500	\$ 2,625	\$ 2,756	\$ 2,894	\$ 3,035
Travel:	\$ 5,300	\$ 5,565	\$ 5,844	\$ 6,136	\$ 6,440
Domestic.....	1,800	1,890	1,985	2,084	2,185
Foreign.....	3,500	3,675	3,859	4,052	4,255
Equipment for Training and Research	\$ 12,620	\$ 13,251	\$ 13,914	\$ 14,609	\$ 15,320
Renovation of Space.....	50,000				
Rental of Television, radio, movie photographic and other media equipment for producing prototype family planning communication. (Much of this will be use of studios and laboratories of University of Illinois Chicago Campus)..	7,500	7,875	8,269	8,682	9,110
Expenses of media production: printing, photography development, recording costs.....	3,500	3,675	3,859	4,052	4,250
Computer time for processing data.....	1,200	1,260	1,323	1,389	1,455
Rental of duplicating machine for training materials.....	420	441	463	486	510
Office supplies and other expenses	\$ 4,100	\$ 4,305	\$ 4,520	\$ 4,746	\$ 4,980
Media materials and supplies: film tape...	1,500	1,575	1,654	1,737	1,825
Library reference materials-books, journals	850	892	937	984	1,030
Office supplies (paper, pens, ribbon, etc.)	350	368	386	405	425
Telephone toll and telegram.....	200	210	220	231	240
Postage (incl. overseas mailing).....	750	788	827	868	910
Maintenance of office machines (typewriters, mimeo, calculator, adding machine).....	450	472	496	521	545

	FY 1971	FY 1972	FY 1973	FY 1974	FY 1975
Staff benefits:					
Academic Retirement (14. pct. of)	\$ 9,021	\$ 9,469	\$ 9,939	\$ 10,433	\$ 10,951
Nonacademic Retirement (11.4 pct. of)	6,633	6,962	7,307	7,669	8,051
	2,388	2,507	2,632	2,764	2,901
Indirect Costs (50.7 pct. of sal. wages, campus)	\$ 37,683	\$ 39,558	\$ 41,526	\$ 43,592	\$ 45,761
	\$195,549	\$152,796	\$160,405	\$168,391	\$176,771

Total Project Request \$853,920

AGENCY FOR INTERNATIONAL DEVELOPMENT (A.I.D.)

Proj. 9320958
PA-

PROJECT AUTHORIZATION

1. PROJECT NUMBER 931-11-570-958	3. COUNTRY Worldwide	4. AUTHORIZATION NUMBER 0137
2. PROJECT TITLE Expansion of Population Program Communication- University of Chicago		5. AUTHORIZATION DATE June 30, 1971
7. LIFE OF PROJECT		6. PROP DATED April 15, 1971

a. Number of Years of Funding: 5
Starting FY 1971; Terminal FY 1974

b. Estimated Duration of Physical Work
After Last Year of Funding (in Months): 12

FUNDING BY FISCAL YEAR (in U.S. \$ or \$ equivalent)	DOLLARS		P.L. 480 CCC + FREIGHT	LOCAL CURRENCY Exchange Rate: \$1 =			
	GRANT	LOAN		U.S. OWNED		HOST COUNTRY	
				GRANT	LOAN	JOINTLY PROGRAMMED	OTHER
Prior through Actual FY							
Operational FY 71	509						
Budget FY 72	153						
B + 1 FY 73	168						
B + 2 FY 74	177						
B + 3 FY							
All Subsequent FY's							
TOTAL	1007						

9. DESCRIBE SPECIAL FUNDING CONDITIONS OR RECOMMENDATIONS FOR IMPLEMENTATION, AND LIST KINDS AND QUANTITIES OF ANY P.L. 480 COMMODITIES

10. CONDITIONS OF APPROVAL OF PROJECT

PROP submitted to all Regional Bureaus April 30, 1971 for clearance.
All Regions have cleared.

EA/TECH, J. Shafer (phone) 5/4/71
LA/PCD, G. Coleman (phone) 4/30/71
VN/ND, M. Phelps (phone) 5/4/71

(Use continuation sheet if necessary)

11. Approved in substance for the life of the project as described in the PROP, subject to conditions cited in Block 10 above, and the availability of funds. Detailed planning with cooperating country and drafting of implementation documents is authorized.

This authorization is contingent upon timely completion of the self-help and other conditions listed in the PROP or attached thereto.

This authorization will be reviewed at such time as the objectives, scope and nature of the project and/or the magnitudes and scheduling of any inputs or outputs deviate so significantly from the project as originally authorized as to warrant submission of a new or revised PROP.

A.I.D. APPROVAL	CLEARANCES	DATE
 SIGNATURE AA/TA, S.H. Butterfield TITLE	TA/POP, W. B. Johnson	5/6/71
	TA/POP, R. T. Ravenholt	5/11/71
	TA/PM, J. H. Kean	6/14/71
	TA/PM, KSLevick	6/14/71
	DATE	
		6/17/71