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PROBLEMS OF RURAL UNEMPLOYMENT AND UNDEREMPLOYMENT  
GRANT #AID/CSD3414

211(d) Annual Report

Date Due: August 1, 1977

Date: May 19, 1977

GRANTEE: Southern University

GRANT PROGRAM DIRECTOR: T. T. Williams

AID SPONSORING TECHNICAL OFFICE: Technical Assistance Bureau

STATISTICAL SUMMARY:

Period of Grant: June 1, 1972 to November 18, 1977 Amount of  
Grant \$500,000.00 Expenditures for Report Year \$ 85,803.21  
Accumulated \$438,379.81 Anticipated for next year \$ 61,620.19

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## NARRATIVE SUMMARY

The purpose of the 211(d) grant to Southern University is "to improve competence in economics and agricultural economics and to analyze and contribute to resolving problems of unemployment and under-employment." Activities towards achievement of grant purpose may be classified into two (2) broad categories---the development phase and the utilization phase. The first four (4) years of project performance were devoted primarily to the human resources and institutional resources development. The last year was devoted to utilization of the response capabilities of Southern University to the expertise needs of the Agency for International Development and the development needs of LDC's.

Accomplishments under the human resources development phase include:

Financial support of thirteen faculty on sabbatical leave for advanced degrees. Five (5) have completed their Ph.D. degree and returned to the University in various capacities as researchers, professors, and administrators. Eight (8) have completed their MS degrees, of which some are continuing towards the terminal degree, and the rest have returned to full-time teaching positions.

Thirty-five undergraduate agricultural economics and economics students have been supported from 211(d) scholarships. Some of them have continued to graduate schools, a few returned to their countries, and the majority have been employed by various governmental agencies and private enterprises.

A number of faculty members received 211(d) financial assistance while attending workshops, seminars, and conferences on a variety of subjects and disciplines, such as: (a) project design and evaluation; (b) instructional use of computers in minority institutions; (c) recent advances in applied economics; and (d)

evaluation of international programs. These conferences have lasted within one (1) to four (4) weeks, and have resulted in improved competence of faculty in research, instruction, and administration.

A number of faculty have received travel grants from 211(d) funds for participation (as program chairpersons, discussants, and readers) and attendance of professional meetings and conferences in the U. S. and LDC's.

Accomplishments under the institutional development phase include:

Establishment of the Unemployment and Underemployment Institute to coordinate the International Programs of the University, including the 211(d) grant.

Increased library acquisition of books, periodicals, and journals in the areas of agriculture, economics, agricultural economics, and economic development.

Introduction of development and development related courses in Economics and Agricultural Economics.

Partial support of a number of Southern University Professors.

Establishment of institutional linkages in the U. S. and in LDC's.

Improved inter-departmental program coordination and faculty collaboration in the departments of Economics, Sociology, and Agricultural Economics.

The accomplishments under the utilization phase reflect a strong response capability of the faculty in research and advisory services. These activities include:

Publication of sixty research papers, some of which have been published in professional journals, presented in professional conferences, catalogued by the Library of Congress, summarized and disseminated by the AID research and publication network, and sent to over three hundred individuals and institutions.

Advisory services were given to AID projects in Zaire, Ivory Coast, Ethiopia, Kenya, Liberia, and Sierra Leone in collaboration with technical assistance missions sponsored by AID.

Sponsoring conferences and seminars in economic development and hosting visiting scholars and government officials from LDC's.

Faculty members were employed to strengthen the education program. Two full-time professors holding the terminal degree were added to the faculty. Since coming to the University, both of these professors have been involved in grant sponsored activities: teaching, research, and extension. One professor spent over two (2) years in Africa since coming to Southern, while the other professor has participated in AID development activities in LDC's. Additional professors have been employed by the university with non-grant funds to further strengthen the international thrust.

Support for professors to pursue study leading to the terminal degree in Agricultural Economics/Economics, and support for undergraduate students to matriculate at Southern University. Over 35 students received full scholarship to complete the Bachelors Degree in Agricultural Economics/Economics at Southern University. Several of these students are now enrolled in graduate school with an expressed commitment for international careers.

Graduate study support for students who received their Bachelors Degree from Southern University. Three (3) of these students will receive the Masters Degree this year, and one will study toward the terminal degree in Agricultural Economics. Four (4) students who were provided undergraduate support are pursuing graduate study with plans for international employment.

Travel Support for professors and students to attend international conferences. Professors and students were active participants at the International Agricultural Economics Conference in Canada, Brazil, Kenya, and Amsterdam. In addition, professors and students participated in a number of local, state, and national conferences and seminars.

Planned and coordinated Seminars for dignitaries visiting the U. S. from LDC's. In this role, the Institute served as host for over fifty such dignitaries who had an interest in observing economic development activities at Southern University. The Institute planned local seminars and field trips for these officials during their stay in Louisiana.

Linkage with International Agencies. Professors and students are encouraged to serve on international committees and gain international experience. Such experience and insight are shared with their peers on the campus and in the community. Linkages have been effective in the creation of an international climate at the University and the attraction of campus community to become more sensitive to development issues in LDC's.

Shared with AID and other Agencies the international expertise at Southern University. Five (5) professors have served on AID Research and Evaluation Teams in Africa and several others have made their services available to Indefinite Quantity Contractors.

Encouraged students to participate in AID sponsored education programs. Four (4) students from Southern spent summer months in Africa, and two (2) of these students are now pursuing graduate study at leading Universities.

Revised the Curriculum to mirror an international orientation. The revised curriculum has attracted students to the profession in that today, there are over 85 majors compared with less than 70 at the beginning of the grant.

Acquisition of Library books on International Development. Today, the library is in the possession of a growing foundation of books and periodicals on development issues. In addition, fifty staff Research Papers on international issues published by professors and students are utilized as class reference materials.

Institutionalized the International Development thrust at the University. The International Economic Development Institute was established in 1975 to coordinate all international development programs and to sharpen the international thrust at Southern University. Since the creation of the Institute, eight (8) professors have shared their international expertise with AID in a variety of ways, including: (a) serving on project research teams in Zaire, Liberia, Nigeria, Ivory Coast, and Ethiopia; (b) cooperated with professors from other Universities and AID to design and evaluate development projects in LDC's; (c) served as Visiting Professors at some of the leading Universities; (d) cooperated with Indefinite Quantity Contractors to identify black professionals to serve as team members on AID sponsored projects; and (e) coordinated the publication of over sixty research papers on international development issues. These publications are being shared with interested groups and the first book on the Measurement of Manpower Utilization with International Implications is available for distribution.

Inter-reacted with local, state and multinational organizations on international development issues. Professors are constantly called upon to share their development expertise and experience with individuals and organizations. At present, the Institute is working with two (2) domestic groups; the University of Illinois and Research Triangle Institute to develop two (2) Consortiums; health and delivery services and economics development respectively for Central Africa.

Completed the Design and Evaluation Short Course sponsored by AID/Washington. Three (3) professors completed the two-weeks short course and have developed a similar mini-short course for the training of other professors and students at Southern University.

Created an International climate for foreign students to interact with non-foreign students. Several Foreign Student Organizations have been formed and the foreign student enrollment at the University is on the increase. Over 150 foreign students are presently enrolled at the University. Southern University is the largest of the 1890 Land-Grant Universities in the country, with over 14,000 students enrolled on the three (3) campuses; Baton Rouge, New Orleans, and Shreveport. The International climate is present on all these campuses.

## GENERAL BACKGROUND AND DESCRIPTION

### BACKGROUND

The Southern University System consists of three campuses-- the Baton Rouge campus, the New Orleans campus, and the Shreveport-Bossier campus. It is an 1890 Land-Grant Institution whose academic programs are organized into colleges, centers, and institutes. It is the biggest 1890 institution in the United States with a total enrollment of 14,000 students in the 1976-77 academic year.

Because Southern University is a predominantly black institution, the majority of the students come from low-income, under-educated, unskilled rural families whose social and economic characteristics parallel those of many families in less developed countries (LDC's). Despite limited funding from federal, state, and private institutional sources, the university has maintained a high quality of instruction, research and extension in the areas of agriculture, business, arts, sciences, and the humanities.

### Purpose:

Under the provisions of section 211(d) of the Foreign Assistance Act of 1961, as amended, Southern University, received under grant number AID/csd-3414, \$500,000 from the Agency for International Development for a five (5) year (1972-1977) implementation of a project whose general objective is "to improve competence in economics and agricultural economics and to analyze and contribute to resolving problems of rural unemployment and under-employment." Interpreted broadly, this project was designed to serve the interests of both the Agency for International Development and Southern

University by: (a) developing the human and institutional resources of Southern University; and (b) making available to AID the resources thus developed for international involvement in LDC's.

Objectives:

In line with the general purpose of the grant, the operational objectives are as follows:

improve the quality and increase the number of faculty in the Department of Economics and the Department of Agricultural Economics;

upgrade the curricula and strengthen inter-departmental coordination between the Department of Economics and Agricultural Economics;

increase library acquisition of books, periodicals and journals in the area of economics, agricultural economics, and economic development;

enrich the existing international programs through use of visiting scholars, hosting conferences and increased faculty participation and attendance to professional meetings;

engage in research and disseminate research findings through publications;

provide undergraduate scholarships to students attending Southern University and graduate scholarships to faculty working for advanced degrees; and

provide technical and advisory services to AID and other agencies involved in economic development projects.

ACCOMPLISHMENTS

Consistent with the spirit of the agreement between AID and Southern University, implementation of the project was carried under two (2) phases: (a) The development phase consists of the development of the human and institutional resources; and (b) The utilization phase consists of: (1) providing advisory and technical services to AID and other agencies involved in development

work; (2) conducting research and publishing results of projects relating to economic development or LDC's; and (3) hosting conferences, seminars, and workshops on development related issues.

Development Phase:

Institutional Development

The Institutional Development phase of the 211(d) grant involve: (a) establishment of the Unemployment and Underemployment Institute; (b) increasing the number of faculty, strengthening the curricula; and improving interdepartmental relations between the departments of Economics and Agricultural Economics, and increasing the library collections in the areas of agriculture, agricultural economics, economics and economic development.

The Unemployment and Underemployment Institute (UUI) was established to coordinate all the international programs (including the 211(d) program) of the University. It is through the Institute that faculty research projects (211(d) supported and non-supported) are published and disseminated. In addition, the Institute hosts and coordinate seminars, workshops, and conferences relating to economic development. It invites foreign visiting scholars, establishes linkages with domestic and foreign academic and government institutions, and sponsors and finance participation and attendance of faculty to domestic and international professional conferences. (SEE APPENDIX D).

Within the five (5) year period of project performance, about sixty research projects have been published under the Staff Papers Series, some of which have been published in professional journals, presented in professional conferences, catalogued by the Library of Congress, summarized and distributed worldwide by the AID Research and Development, and sent to approximately three hundred individuals and institutions on the UII mailing list. (SEE APPENDIX F).

An important component of the institutional development phase of the 211(d) grant is curriculum development and improved interdepartmental collaboration between the Department of Economics and the Department of Agricultural Economics. Courses in Economic Development, International Economics, and Research Methods were added to the existing course offerings of the Department of Economics. Two (2) faculty members were added to the existing faculty of the Department of Agricultural Economics, paid from 211(d) grant funds.

Inter-departmental cooperation between the Economics and Agricultural Economics Departments has been strengthened by cross-listing of courses in Economics and Agricultural Economics, split appointment of faculty, and cooperative research projects among faculty and between departments.

Library collection of textbooks, journals, and periodicals in economics, agricultural economics, and development has increased substantially as a result of

211(d) funding. In addition, private donations of Dr. Bernard F. Stanton and Dr. William Meyers of past issues of the Journal of American Agricultural Association were added to these collections. The present collection is of such diversity and magnitude as to support a high level of professional research in the areas of agricultural economics, economics, and economic development.

Human Resources Development:

A large proportion of the 211(d) grant was used to: (a) support faculty on sabbatical while working for their advanced degrees; (b) support for undergraduate students in Economics and Agricultural Economics at Southern University; (c) full and partial support for staff and faculty working for 211(d) and 211(d) related activities; and (d) support for faculty travel to domestic and international professional conferences. (SEE APPENDIX A AND APPENDIX D).

Over the five year period of project performance, thirteen faculty members were on 211(d) supported sabbatical leaves to work for their advanced degrees. Of these, five (5) completed their Ph.D. degree, and eight (8) completed their Masters degree, all of whom have returned to Southern in various capacities as professors, researchers, and administrators. In addition, eight (8) faculty members were partially supported working on 211(d) activities in the preparation of manuscripts, proposals, and reports.

Thirty-five undergraduate students received 211(d) support while in residence at Southern University working for their Bachelors degree in Economics and Agricultural Economics. Of these, five (5) are from LDC's, and eleven are women. Some of them have already obtained their Masters degree from other universities, others have returned to their respective countries, and others are either in school finishing up their senior year, or have graduated and found employment in government or private enterprises. (SEE APPENDIX C).

A number of faculty have attended workshops and seminars to improve their professional competence. Among the workshops and seminars attended are: (1) Project Design and Evaluation Seminar given by AID in Washington, D. C. in August, 1976; (2) Instructional Use of Computers in Minority Institutions given by Xavier University from NSF funds held in New Orleans, Louisiana in March, 1977; (3) International Programs Evaluation Workshop sponsored by the Phelps Stokes Foundation in Biscayne College, Miami, Florida in May, 1977; and (4) Seminar on Recent Advances in Applied Economics to be given by the University of Chicago from grants received from the General Electric Corporation in August, 1977. All of these seminars and workshops lasted from one (1) week to four (4) weeks.

A number of 211(d) supported faculty have participated in professional conferences as program chairpersons, discussants, and readers. These professional conferences include:

American Agricultural Economic Association and  
Northeast Agricultural Economic Council Conference  
held at Pennsylvania State University, August, 1976;

Southern Economic Association Conference held in  
New Orleans, Louisiana in March, 1977;

Southern Regional Science Association Conference  
held in Birmingham, Alabama in May, 1977;

Western Economic Association Conference, held in  
Anaheim, California in June, 1977.

Other conferences where 211(d) travel support was given to  
faculty in attendance are:

American Economic Association Conference in Atlantic  
City, 1977;

International Development Society Conference in  
Amsterdam, Netherlands, 1977;

American Sociological Society Conference held in  
Chicago, Illinois;

International Agricultural Economic Conference in  
Nairobi, Kenya, 1977.

#### Utilization Phase:

The major components of the utilization phase of the 211(d) grant  
are grouped into three (3) broad categories including: (1) research;  
(2) advisory services; and (3) hosting of conferences and seminars.

#### Research

As indicated earlier, sixty staff papers have been pub-  
lished by the Unemployment and Underemployment Institute.  
In addition to the three hundred institutions and individuals  
on the regular mailing lists, a number of the publications  
have enjoyed local, national, and international readership  
through publication in professional journals, presentation

at professional conferences, dissemination by the AID network and catalogued by the Library of Congress. These papers and their bibliographical citations are as follows:

"Advances in Food, Agriculture and Community Research and Development in the Philippines", SPS 115-76, published in the Journal of Agricultural Economics and Development, 5(2), August, 1975.

"Effects of Neighborhood Quality, Income and Racial Composition of Residents in the Value of Single Family Dwelling Units in New Orleans", SPS 119-76, published in the Review of Black Political Economy, 7(2), Winter, 1977.

"Effects of the High Yielding Varieties on the Regional, Seasonal and Varietal Changes in Rice Production in the Philippines", SPS 121-76, presented at the American Agricultural Economic Association Conference held at Pennsylvania State University, August, 1976, catalogued by the Library of Congress and summarized and published by ARDA, an AID research publication network.

"Redistribution of Employment in Louisiana, 1970-74", SPS 109-76, presented at the annual conference of the Academy of Louisiana Economists, University of New Orleans, New Orleans, Louisiana, October, 1976.

"Regional and Industrial Changes in Employment in the Philippines, 1970-74", presented at the Southern Regional Science Association Conference in Birmingham, Alabama, May, 1977, and Western Economic Association Conference in Anaheim, California, June, 1977, catalogued by the Library of Congress and summarized and disseminated by ARDA.

"The Role of Low-Income Rural Cooperatives in Community Development", published in the American Journal of Agricultural Economics, December, 1974.

A discussion of low-income, rural cooperatives, or "Emerging Cooperatives," which act as catalytic agents for community development between the people and the political machinery. The cooperatives are analyzed here from two dimensions-civic sophistication of the leadership, and economic thrust of the activities and educated awareness of the membership. Members, numbering over two million, are predominantly black, educationally disadvantaged, economically poor, and politically dispensable. Nevertheless, the Movement has proved to be an effective weapon against poverty, a motivator of community pride, and an instrument for the members' involvement in community development activities.

"Social Security and National Insurance Trust of Ghana", SPS 107-76, catalogued by the Library of Congress and summarized and disseminated by ARDA.

A description of the Social Security and National Insurance Trust (SSNIT) of Ghana. The basic program was introduced in 1965, and from then until 1972, was administered by the State Insurance Corporation. In 1972, the program was reorganized and expanded as the SSNIT, with a Board of Directors representing a cross-section of government officials, workers, and employers. SSNIT is similar to the British system of pension insurance schemes organized in the form of provident funds generated by compulsory savings. All employers with five or more workers must contribute to SSNIT 12.5% on wages paid. Workers pay in 5% of their wages. Farmers and other self-employed persons can pay on a voluntary basis. SSNIT benefits include retirement benefits. A member who migrates permanently from Ghana receives all contributions he has put into the fund, plus 3% interest. The 1,700 employees of SSNIT currently provide services for more than one million members. The government of Ghana borrows funds from SSNIT for use in construction of roads, schools, electrical power, and health facilities.

"The Use of Current Elasticities as a tool in Measuring the Impact of Current Sugar Policy", presented at the University of Michigan, April, 1977 and catalogued by the Library of Congress.

"Some Factors Associated with the Effectiveness of Leaders in Community Development", Ph.D. dissertation at the Louisiana State University, LSU Press, 1975.

"Program Experiment to Train Indigenous Community Leaders", Southern University Press, October, 1976.

#### Advisory Services

Advisory services of the 211(d) faculty have been requested by a number of LDC's through technical assistance teams organized by AID. Among the countries which benefited from the technical services of the faculty are Cameroon, Ethiopia, Zaire, Kenya, Philippines, Sierra Leone, and Liberia. The technical services provided by the faculty were in the form of visiting professorships, consultantship, and project design and evaluation. Advisory services were

provided by the 211(d) staff outside of AID sponsorship. These countries were Senegal, Gambia, and Mali.

Hosting Conferences and Seminars for Foreign Visitors

Since the establishment of the Unemployment and Underemployment Institute, it has assumed an increasing role in coordinating the activities of the university's International Programs and hosting visiting foreign scholars and government officials. The Institute has worked closely with the Department of State, Embassies of foreign governments, and AID Contractors to select participants and schedule their itineraries. Conferences and Seminars held at Southern University have brought about a clearer understanding of the economic and social dimensions of development.

IMPACT OF GRANT SUPPORTED ACTIVITIES  
IN ACHIEVING GRANT PURPOSE

The purpose of the 211(d) grant to Southern University is to "improve competence in agricultural economics and economics and to analyze and contribute to resolving problems of rural employment and under-employment."

The 211(d) grant to Southern University has not only contributed to improved competence of faculty, staff and students, but has caused them to be more fully utilized by the University, AID, and society in general in development activities.

Over the five year period of project performance, thirty-five undergraduate students from the U. S. and LDC's have received 211(d) scholarships while working for their Bachelors degree in Economics

and Agricultural Economics at Southern University. Some of them have gone to graduate schools for their advanced degrees, some have returned to their countries, and others have found employment in government and in the private sector.

In addition, thirteen faculty members have received financial assistance from the 211(d) grant while on sabbatical leave from the university for their advanced degrees. Five of them have completed their terminal degrees and have returned to Southern University in various capacities as professors, researchers, and administrators.

While academic degrees are important indicators of improved competence, other dimensions of professional growth are equally important. First, increased research activities of faculty and staff have resulted from the 211(d) grant. Over sixty funded and non-funded research projects have been published by the Unemployment and Underemployment Institute under the Staff Papers Series. A number of these papers have been published in professional journals, presented at professional conferences, catalogued by the Library of Congress, summarized and disseminated by AID, and mailed to about three hundred agencies and individuals in the permanent mailing list of the Institute. Second, the administrative and operational competence of Southern University in administering the International Program has substantially improved. Through the 211(d) grant, visiting scholars and government officials have been invited to conduct seminars and conferences on economic development. Third, the faculty and staff have improved their technical competence in instruction and research by attending short courses, workshops, and

seminars in project design and evaluation, instructional use of computers and recent advances in applied economics.

The "competence improvement" component of the grant purpose has been fully satisfied. Accomplishments in the "analysis and contributing to resolving problems of employment and underemployment" component have been directed to participation by the faculty in conferences and seminars within the context of the problems of economic development. On the other hand, through such participation by the faculty, they were provided with a forum to share their research findings with scholars from LDC's and respond to the need capabilities of AID. The faculty have rendered advisory services to project design and evaluation teams to Africa. Also, linkages have been established with a number of university consortiums and private consulting organizations. One of the 211(d) staff has been appointed Deputy Director of a USAID Mission in Asia, while the director of the Institute was elected as the Chairman of the Board of Southeast Consortium.

In summary, the objectives of the 211(d) grant to Southern University have been satisfied. Faculty and student competence in the development and utilization objectives of the grant in the areas of economics and agricultural economics have been accomplished, as indicated by degrees earned; research completed; seminar, workshops, and conferences held; and advisory services rendered to AID and LDC's.

## OTHER RESOURCES FOR GRANT RELATED ACTIVITIES

Grant related activities are those projects and programs that promote the general objectives of the 211(d) grant. One such program at Southern University is the International Program, whose objectives may be considered complementary and/or supplementary to the 211(d) grant. It is primarily concerned with curriculum development, improvement of instruction, and cultural enrichment through reciprocal faculty and student interchange.

Another important activity related to the 211(d) grant objectives is the continuing research and instructional support given by the Cooperative State Experimental Station (CSRS) and the Extension Service (ES) to the College of Agriculture. The objectives of these grants are: (1) to develop expertise in agricultural research and extension at the College of Agriculture; and (2) to utilize the expertise and results of research to improve the quality of life for people in the state.

Grants from the Cameroon Project allowed faculty and staff of Southern University to share their expertise with the University of Cameroon to develop their research and institutional capability in the area of agricultural economics.

The National Science Foundation and the Fulbright-Hayes Exchange Professorship Program supported two (2) 211(d) professors to accept visiting professorship appointments in Malaysia and the Philippines.

This year, a research proposal on population and employment has been submitted to the Social Science Research Council, Ford-Rockefeller Foundations and the Fulbright-Hayes Exchange Professor-

ship Program. Also, research and training proposals in the area of emerging cooperatives have been submitted to CSRS and ES for funding.

#### UTILIZATION OF INSTITUTIONAL RESPONSE CAPABILITIES

The first four (4) of the five (5) year project performance of the 211(d) grant was devoted primarily to human resources and institutional development. This included scholarship support of undergraduate students in economics and agricultural economics at Southern University, financial support of faculty on sabbatical leaves for advanced degrees, curricula improvement and inter-departmental collaboration between the departments of Economics and Agricultural Economics, library collection, faculty recruitment and establishment of the Unemployment and Underemployment Institute. During the first four (4) years, a number of conferences were held and research projects designed and completed.

The 1976-77 period of project performance was devoted mainly to the utilization phase of the grant. Sixty completed projects have been published under the Staff Papers Series. Some of these have been published in professional journals, presented in professional conferences, catalogued by the Library of Congress and summarized and disseminated by the AID research and information network.

A number of 211(d) faculty provided advisory services to AID projects in Zaire, Liberia, Sierra Leone, Ethiopia, Ivory Coast, and Kenya.

The Unemployment and Underemployment Institute sponsored conferences and seminars and hosted visiting foreign scholars and government officials from LDC's, during which time research findings and development activities were shared with the participants. One of the 211(d) supported faculty has been appointed Deputy Director, USAID Mission to Bangladesh, while another staff serves as Board Chairman for the Southeast Consortium. Thus, Southern University has demonstrated an adequate response capability to the expertise needs of AID in particular and to the development needs of LDC's in general.

PLAN FOR NEXT YEAR  
(INCLUDING THE SIX MONTHS EXTENSION)

The assumption for this plan is that Southern University's application for 211(d) grant extension will be approved. The two (2) year period of grant extension will be devoted to research and training in the area of emerging cooperatives utilizing the response capabilities developed during the initial five (5) year period.

The research phase of the grant extension programmed for the academic year 1977-78 will deal with the identification and analysis of economic, sociological, organizational, management, and operational factors affecting the success or failure of emerging cooperatives in the LDC's. Phase I will be devoted to exhaustive and comprehensive review of literature to determine the "state of the art" of emerging cooperatives in at least five (5) LDC's. This is an important preliminary step needed to resolve some of the philosophical

and operational problems anticipated in the field work. This initial step is particularly critical in the area of emerging cooperatives because no organized body of literature now exists.

Phase I of the research will be conducted at university libraries with demonstrated strength in cooperatives and economic development, AID library, TAB Information Center, Library of Congress and libraries of cooperative organizations in the U. S. and LDC's. An annotated bibliography of emerging cooperatives will be published by the Institute.

Phase II or field work will be devoted to the identification and analysis of success and failure factors of emerging cooperatives. A number of selected cooperatives in two or three LDC's will be surveyed. Identical questionnaires will be developed for each country, pre-tested and revised to reflect country differences. Local enumerators will be trained and subsequently hired to conduct the survey with supervision from the UUI staff. Completed questionnaires will be tabulated and analyzed at UUI and results will be published.

Phase III will require approximately six (6) months and will utilize the information and data developed during Phases I and II to develop a Training Kit. The Kit so developed will be utilized by the Institute staff to train approximately 150 individuals in LDC's (managers, members and para-professionals) in the most effective manner of utilizing emerging cooperatives as a development tool.

Estimated period for the project (State of the Art, Research and Training) is approximately two (2) years. The six (6) months extension of the present 211(d) grant will be used to orient the

staff to the project and commence Phase I of the program.

Particularly, the six (6) months extension period (May 18 to November 18, 1977) will be utilized to assimilate information necessary to assess the "State of the Art" relative to emerging cooperatives.

TABLE I

DISTRIBUTION OF 211(d) GRANT FUNDS\*  
SOUTHERN UNIVERSITY  
REPORTING PERIOD MAY, 1976 to MAY, 1977

GRANT OBJECTIVES/OUTPUTS*	1976-77 Period Under Review	211(d) EXPENDITURES		Balance Projected at end of grant
		Cumulative Total	Projected Next Year (1977)	
Salaries	\$48,626.92	\$275,431.65	\$32,545.75	-0-
Scholarships	17,785.83	121,016.85	4,320.00	-0-
Travel	13,938.79	29,469.81	17,487.44	-0-
Library & Supplies	2,118.76	8,421.35	1,267.00	-0-
Computer Time	-0-	160.00	5,000.00	-0-
Communication	3,332.76	3,880.15	1,000.00	-0-
TOTAL	\$85,803.21	\$438,379.81	\$61,620.19	-0-

\*In addition to the approved Indirect costs, the University supports the grant activities. All salaries include fringe benefits.

PREPARED BY:

Robert E. White  
Comptroller

7-29-77  
Date

TABLE 2

211(d) EXPENDITURES REPORT\*  
 ACTUAL AND PROJECTED SUMMARY  
 UNDER INSTITUTIONAL GRANT #AID/CSD 3414  
 SOUTHERN UNIVERSITY  
 REPORTING PERIOD MAY, 1976 to NOVEMBER 18, 1977

Line Item*	Reporting Period May 1976 - May 1977	Cumulative Total	Project Expenditures June 1977 - Nov. 18, 1977	TOTAL
Salaries	\$48,626.92	\$275,431.65	\$32,545.75	\$307,977.40
Scholarships	17,785.83	121,016.85	4,320.00	125,336.85
Travel	13,938.94	29,469.81	17,487.44	46,957.25
Library & Supplies	2,118.76	8,421.35	1,267.00	9,688.35
Computer Time	-0-	160.00	5,000.00	5,160.00
Communication	3,332.76	3,880.15	1,000.00	4,880.15
TOTALS	\$85,803.21	\$438,379.81	\$61,620.19	\$500,000.00

\*In addition to the approved indirect costs, the University supports the grant activities. All salaries include fringe benefits.

PREPARED BY:

T. E. White  
Comptroller

7-29-77  
Date

A P P E N D I C E S

APPENDIX A: Faculty Recipients of 211(d) Grant Support 1972-77

<u>Name</u>	<u>Subject</u>
Mr. Donald Andrews	Agricultural Economics
Dr. Leroy Davis	Agricultural Economics
Mr. Eric Igbokwe	Economics
Mr. Eric Johnson	Economics
Dr. E. C. Lucas	Economics
Dr. Alfred Parks	Agricultural Economics
Dr. T. T. Williams	Agricultural Economics
Dr. Fred Wrighton	Economics & Statistics

APPENDIX B: Faculty Recipients of 211(d) Grant Support for  
Advanced degree, 1972-77

<u>Name</u>	<u>Subject</u>
Mr. Harold Breaux	Economics
Dr. Harold Brown	Management
Dr. Jerry Cole, Jr.	Education
Mr. Mohammad Eisa	Accounting
Mr. Bahador Gharmani	Management
Dr. Harold Joseph	Management
Mrs. Demetria McJulien	Education
Mr. Larry Morris	Business
Mrs. Mary A. Oleyedom	Accounting
Ms. Mary Stutts	Accounting
Dr. Arthur Ward	Education
Mr. U. L. White	Business
Dr. Leodrey Williams	Extension Education

APPENDIX C: Undergraduate Recipients of 211(d) Scholarships  
1972-77

<u>Name</u>	<u>Major</u>	<u>Year</u>	<u>Country</u>
Sonita Albert	Economics	1975-76	United States
Terrance Abraham	Ag Economics	1974-76	United States
Alvin Batiste, Jr.	Economics	1975-76	United States
Margarett Boley	Ag Economics	1974-75	United States
Daisy Brass	Ag Economics	1974-76	United States
Ralph Christy	Ag Economics	1975-76	United States
Joe E. Conley	Ag Economics	1973-74	United States
Marlyn Cook	Ag Economics	1973-74	United States
Leotha Eaglin	Economics	1974-75	United States
Bobby Fountain	Ag Economics	1972-73	United States
Dianne Golden	Economics	1976-77	United States
Cassandra Goodwin	Economics	1975-76	United States
Jimmy Guidry	Economics	1976-77	United States
April Hall	Economics	1974-76	United States
Bernard Idoing	Ag Economics	1972-77	Nigeria
Franklin Imarhiaeve	Economics	1976-77	Nigeria
Alvin Jones	Economics	1976-77	United States
Kenneth Jones	Ag Economics	1974-77	United States
Monica Jones	Economics	1976-77	United States
Rennetha Jones	Economics	1974-75	United States
Roderick Lawrence	Ag Economics	1974-76	United States
Anthony Yoong Lim	Economics	1976-77	Malaysia
Willie McDaniels	Ag Economics	1973-75	United States
Roger McGee	Ag Economics	1973-75	United States
Edward Morgan	Economics	1976-77	United States
John Nelson	Ag Economics	1972-73	United States
Hamp Norman	Economics	1974-76	United States
Anthony Pabum	Ag Economics	1972-75	Cameroon
Charles Pleasant	Ag Economics	1975-77	United States
Lester Scott	Ag Economics	1972-76	United States
Eria Skannal	Economics	1974-75	United States
Perry Smith	Ag Economics	1973-76	United States
Lester Steward	Economics	1974-76	United States
Too Seng Tan	Economics	1974-76	Malaysia
Rufus Williams	Economics	1975-77	United States
Theresa Wilson	Ag Economics	1975-76	United States

APPENDIX D: Cont'd.

<u>Name of Participant</u>	<u>Official Designation</u>	<u>Country</u>
Mr. Lybon Mtsetwene	Education Planner Department of Education Gazankula Government	Gujani South Africa
Mr. Chala Dennis Mwila	Regional Education Officer for Adult Education	Kabwe, Zambia
Mr. Raughton K. Nabea	Administrative Officer Meru County, Liaison Officer Between Meru County Council & Ministry of Tourism & Wildlife	Meru, Kenya
Mr. Augustine Odipo	Senior Financial Officer Ministry of Local Government	Nairobi, Kenya
Professor Christopher S. Ola	Permanent Secretary Ministry of Finance & Economic Development	Akure, Ondo State Nigeria
Mr. Magatt Sow	Advisor to the Secretary General Community Rural Development	Dakar, Senegal
Mr. Iba Der Thiam	Director, Ecole Normal School University of Dakar	Dakar, Senegal
Dr. Soumana Traore	Director General SAED	Upper Volta West Africa

APPENDIX D: Foreign Participants of International Conferences  
Sponsored by 211(d) Grant, Southern University,  
1972-77

<u>Name of Participant</u>	<u>Official Designation</u>	<u>Country</u>
Mme. Fernande Laroche Balmir		Haiti
Mr. Charles B. Biyoyouwei	Liberia Electric Corporation	Monrovia Liberia
His Excellency Paul Bomani	Ambassador to U. S.	Tanzania
Dr. N'Guetta Bosso	Director of Agronomy	Abidjan Ivory Coast
Mr. Moustapha Dan-Bouzoua	Director, National School of Administration	Niamey, Niger
His Excellency Francis A. Dennis	Ambassador to U. S.	Liberia
Dr. Adewunmi Fajana	Acting Head, Department of Adult Education University of Ife	Ile, Ife, Nigeria
Mr. Leopold Gahamanyi	Secretary General Ministry of Agriculture	Kigali, Rwanda
Dr. Francis Suleiman Idachaba	Senior Lecturer, Dept. of Ag Economics University of Ibadan	Ibadan, Oyo State Nigeria
Mr. John Mandom Kum	Chief Agricultural Officer State Ministry of Agriculture	Plateau State Jos, Nigeria
Mr. Kamil Mahgoub	Secretary for the Rural Development Committee Sudanese Socialist Union	Khartoum, Sudan
Mr. Ansagar J. Mapunda	Administration Officer Adult Education Section Ministry of National Education	Dar es Salam Tanzania

APPENDIX E: Staff Papers Series, Unemployment and Underemployment  
Institute, Classified by Subject, 1972-77

CONSUMPTION

<u>DESCRIPTOR</u>	<u>TITLE</u>	<u>AUTHOR</u>
SPS-108-76	The Use of Current Elasticities as a Tool in Measuring the Impact of Current Sugar Policy	R. Christy
SPS-115-76	Advances in Food, Agriculture, and Community Research and Development	E.C. Lucas
SPS-116-76	A Study of Low-Income Families in Small Towns	K. Taj
SPS-119-76	The Effects of Neighborhood Quality Income and Racial Composition of Residents on the Value of Single Family Dwelling Units in New Orleans	E.C. Lucas
SPS-121-76	The Effects of High Yielding Varieties on the Regional, Seasonal, and Varietal Changes in Rice Production in the Philippines	E.C. Lucas
SPS-124-76	Spatial Price Differentials for Corn Among Illinois County Elevators	L. Davis
SPS-136-76	Ownership of Major Consumer Durables in Predominantly Black Areas of Baton Rouge	J.R. Jindia
<u>EMERGING COOPERATIVES AND LIMITED RESOURCE FARMERS</u>		
SPS-104-76	Demand and Supply for Black Agricultural Economists	L. Davis
SPS-112-76	Some Factors Associated with the Effectiveness of Leaders in Community Development	L. Williams
SPS-114-76	Program to Meet the Training Needs of Emerging Cooperatives	T.T. Williams
SPS-75-23	Experiences in Extending Public Services to the Rural Poor and Improving their Leadership Potential	T.T. Williams

APPENDIX E: Cont'd.

<u>DESCRIPTOR</u>	<u>TITLE</u>	<u>AUTHOR</u>
SPS-102-76	Farm Size and Rural Poverty in Louisiana	L. Davis
SPS-103-76	Needs of a Service-Oriented Large Scale Farm in the Small Farm Sector	L. Davis
SPS-105-76	Changes in the Rice Economy of Louisiana	J.R. Jindia
SPS-106-77	Potentials for Cameroon's Agriculture in Economic Development	R. Christy
SPS-118-76	An Analysis of the Economic Factors Affecting the Success of Small Farm Operators	L. Davis
SPS-122-76	Some Myths of Economic Development with International Implications	T.T. Williams
SPS-140-76	Agricultural Policies in an Underdeveloped Country	A. Parks
SPS-141-76	Changes in Cameroon Agriculture Since Independence in 1961	A. Parks
SPS-144-76	Market Structure and Profit Performance	A.S. Pabum
SPS-154-76	Summary of Zaire's Agricultural Sector	T.T. Williams
SPS-161-77	Report on Nairobi, Kenya	L. Davis
SPS-164-77	Multi-National Corporations & Industrial Relations in Nigeria	M.A. Alugbuo
	Drought Situation in Africa	J.F. Richard C. Lancette J. Faye, et al.
SPS-117-76	Impact of a Large Scale Cooperate-Type Farm on Small & Intermediate Farm Size	L. Davis
SPS-120-76	The Role of Cooperatives in the Survival of Small Farms	L. Davis
SPS-142-76	Credit Institute in the Cameroon	A. Parks
SPS-162-77	Remarks of Cooperative Meeting in Nairobi, Kenya	T.T. Williams
SPS-163-77	Seminar on Cooperative Experiences in Africa	T.T. Williams

APPENDIX E: Cont'd.

<u>DESCRIPTOR</u>	<u>TITLE</u>	<u>AUTHOR</u>
SPS-126-76	The 1890 Land-Grant College Role in Economic Development with Implications for Developing Countries	T.T. Williams
SPS-128-76	Professors Who Have Expressed an Interest in Economic Development Activity with AID	T.T. Williams
SPS-131-76	A Program Experiment to Train Indigenous Community Leaders	L.L. Haynes
SPS-133-76	The Relationship of the Freshman Program at Southern University to Academic Achievement and Self-Concept	J. Cole, Jr.
SPS-134-76	The Measurement of Teacher Competence: Its Needs and Its Problems	J. Fortenberry
SPS-135-76	Planning As a Goal For Change in Education with International Implications	J. Fortenberry
SPS-138-76	Organizing People in the Community for Group Action	L. Williams
SPS-156-77	Measurement of Manpower Utilization with Implication for Development	T.T. Williams R.B. Glasgow
SPS-155-77	Strategies for Educational & Economical Survival	Rev. L. Johnson
SPS-153-76	Ethnic Studies: Issues & Their Institutional Survival	H. Cobb
SPS-143-76	A Profile of Black Leaders Participating in Extension Community Development	P. Lewis, Jr.
SPS-150-76	Covenant to Keep the Trust and to Fulfill the Responsibilities---Tradition and Challenge of the Southern University System	J.N. Stone, Jr.
SPS-151-76	The Multi-Regional Project on Adult and Continuing Education.	D.C. Mwila

## APPENDIX E: Cont'd.

MANPOWER UTILIZATION

<u>DESCRIPTOR</u>	<u>TITLE</u>	<u>AUTHOR</u>
SPS-101-76	Factors Affecting the Utilization of Manpower in Rural and Urban Areas	T.T. Williams
SPS-107-76	Social Security and National Trust of Ghana	D. McJulien
SPS-109-76	Redistribution of Employment in Louisiana	E.C. Lucas
SPS-110-76	Regional and Industrial Changes in Employment in the Philippines, 1970-74	E.C. Lucas
SPS-113-76	Evaluation of a Plan to Increase the Employment Potential for Rural People	T.T. Williams
SPS-123-76	Factors Affecting the Employment Goals of Minorities at the Managerial Level in Corporate Business and Industry	H.A. Brown
SPS-125-76	The Rural Development Act of 1972: Implications for Employment Opportunities	L. Davis
SPS-139-76	Employment Experiences in Industry of Southern University Graduates	F.C. Temple
SPS-145-76	Has the Separation of Ownership from Control Further Damaged the Profit-Maximization Assumption?	A.S. Pabum
SPS-147-76	Seminar on Project Design and Evaluation (LOGFRAME)	T.T. Williams
SPS-149-76	Opportunities for Women in the International Area	T.T. Williams
SPS-158-77	Workers' Participation in Management: Applied to India	P.K. Ghosh
SPS-159-77	Culture as a Factor in Economic Development	L.L. Haynes, Jr.
SPS-146-76	Engel's Law: Case of Cameroor, West Africa	A.S. Pabum
SPS-160-77	American Multinational Corporation: What Role Could they Play in Fostering Good Business Ethics in Less Developed Countries	M.A. Alugbuo

APPENDIX E: Cont'd.

<u>DESCRIPTOR</u>	<u>TITLE</u>	<u>AUTHOR</u>
SPS-111-76	Some Social Structural Correlates of Anomia Among Rural Blacks of Louisiana	J. Moland, Jr.
SPS-127-76	Economic Underemployment in the Rural Labor Force of Seven Southeastern States	T.T. Williams
SPS-129-76	Evaluation Report: Southern University 211(d) Program	T.T. Williams
SPS-130-76	LOGFRAME: Project Design Summary Logical Framework	T.T. Williams
SPS-148-76	Summary of the International Economic Development Program at Southern University	T.T. Williams