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CENTER FOR RESEARCH ON ECONOMIC DEVELOPMENT  
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Eighth Annual Report

October 1, 1976 -- September 30, 1977

FRANCOPHONE AFRICA PROGRAM

Financed under 211(d) Institutional Grant, US-AID/esd-2547

under

Amendment One dated July 1, 1972

Amendment Two dated June 29, 1973

Amendment Three dated September 16, 1974

Grantee: The University of Michigan

Grant Program Director: Professor Elliot Berg

Aid Sponsoring  
Technical Office: Africa Bureau

Statistical Summary: Period of Grant: November 20, 1969 - June 30, 1979

Amount of Grant: \$2,467,535

Accumulated: \$2,002,843

Anticipated for Next Year: \$350,000

## Introduction

This report covers the 1976-1977 fiscal year and deals primarily with the activities of the Francophone Africa Program of this Center.

As in the past, the Center is supported by a US-AID Institutional Grant, the Ford Foundation, and, to an increasing extent in its efforts toward financial self-sufficiency, by sponsored research and advising activities.

Grant-sponsored activities started in November 1969, so that the FAP program is now in its eighth year of activity. During that time and through a wide range of activities the Program has sought to build and improve a foundation of knowledge, experience and skills about French-speaking West Africa on the part of American economists. The ability of the Center to respond quickly and effectively to the analytical and planning requirements of American and international assistance programs in the Sahel is, therefore in large part due to the accumulation of human capital realized under FAP. The Grant continues to play an important role in the expansion of American competence in the Sahel and continues to serve the furtherance of "rapprochement" between American and West African economic research institutions.

The experience and skills gained through the activities of the Francophone Africa Program have been instrumental in the Center's ability to respond to AID demands for professional services. The following services performed for AID were direct offsprings of FAP activities or drew on the stock of talent generated by the same program.

- 1975 Entente Livestock Program (ELP) consisting of 48 man months of research services in West Africa to provide a basis in development policies aimed at this particular sector.
- 1975 To assist REDSO/WA in the analysis and assessment of its Agricultural Sector activities.
- 1976 Assistance to Government of Zaïre through its Department of Agriculture for the design of an integrated maize production program.
- 1975 Review and evaluation of Upper Volta drought: Recovery and Rehabilitation activities.
- 1976 Negotiation of a research program related to rural development with Cameroon's national research Institute (GNAREST).
- 1976-77 Mali Agricultural Sector assessment.
- 1976 To assist AID's Technical Management Team in the preparation of proposals and working papers to be submitted for

consideration by the Club des Amis du Sahel, a group of international donors organized around the development of the Sahel region.

- 1976-77 To assist in developing a comprehensive approach for addressing the cereal marketing, pricing policy and storage deficiencies of the Sahelian countries.
- 1977 To develop a base data and provide basic economic analysis for Mauritania Vegetable Production, renewable resources management, and rural land reconstruction.
- 1977 Sahel Development Program Support, by making available to this AID activity the consulting services of Center's specialists such as Director Elliot Berg, J. Edgar Arizano, etc.

Finally, the Center is now drawing on experience acquired through ELP for its AID-sponsored study of Livestock and Meat Marketing in the countries of the West African 'Central Corridor'.

CENTER EXPENDITURES 1976-1977

Table 1 below shows the financial role of the Grant and other sources of financing:

TABLE 1

Expenditures from all CRED Sources of Funding, 1976-77

	<u>Oct. 1, 1976-Sept. 30, 1977</u>	<u>Percent</u>
<u>Grants</u>		
USAID/FAP	318,445	35.3
Ford Foundation	48,085	5.3
<u>Sponsored Research</u>		
Entente Livestock Project	195,319	21.7
Indefinite Quantity Contract	316,796	35.2
Subtotal		
<u>The University of Michigan*</u>		
Direct payment	22,000	2.4
TOTAL	<u>\$ 900,645</u>	<u>100.0%</u>

\* See University of Michigan Contribution Section, page 10 .

FAP GENERAL BACKGROUND

The main objective of the Grant was the establishment, maintenance and expansion of the capacity of the University of Michigan, and especially its Center for Research on Economic Development (C.R.E.D.), in both teaching and research in the field of economic development, with an emphasis on French-speaking West Africa. At the same time, the Grant enhanced the Center's capability to build up competence in Sahelian development economics and to provide assistance to AID and other donor institutions or directly to African nations. This also led to an increased involvement in sponsored research and/or technical assistance and to a greater degree of versatility and financial self-sufficiency for the Center.

The original Grant (November 1969) provided for a considerable strengthening and reorientation of the Center by funding the recruitment of four promising young professionals and of a Deputy Director with both administrative and development qualifications (Drs. Heller, Staelin, Harrington, Osayimwese, and Robert Pogson). The subsequent three amendments (July 1, 1972; June 22, 1973; September 16, 1974), funded linkages with Francophone African institutions and an increase in the cadre of American economists - and related professionals - with expertise on Francophone Africa. These objectives were primarily met through the activities of the Professor/Researcher, Research and Fellowships, and African Visitors Projects. Each amendment provided slight readjustments of emphasis and orientation to adapt the Program to new opportunities and needs. The Third Amendment, for example, provided for greater minority and interdisciplinary participation.

Although a balancing interest is maintained under other funding in other regions, the great majority of CPED activities are focussed through FAP as well as other programs, on the Sahel and French-speaking West Africa.

Since Phase I was concluded during this reporting period, the activities described in this report mainly pertain to Phases II (ending June 30, 1978) and III (ending June 30, 1979) of the Program.

SUMMARY OF 1976-77 FAP ACTIVITIES

This grant-financed program will continue until June of 1979.

1. Professor/Researchers (Post-PhD economists placed in Francophone Africa for 24 months of teaching and research followed by one year in Ann Arbor): Dr. Garland Christopher (PhD, U of Calif-Berkeley), returned from the Ivory Coast in June; Dr. M. Lopez (PhD, Yale), returned from Senegal in August; Mr. Chris Delgado (PhD Candidate, Cornell), returned during the summer from Upper Volta where he combined teaching at the University there with participation in our Entente Livestock Research Project (ELP).

Dr. Eric Nelson (PhD, Yale) is currently doing research on migration in Ivory Coast; Dr. Clark Ross (PhD, Boston College) is working on grain consumption and cereals transactions patterns in Senegal. Dr. Edgar Ariza (PhD, Wisconsin) has completed language training in France and is now collecting information in West Africa for a livestock and meat marketing project.

2. Post-Doctoral Fellowships. Dr. Annette Pinckney, (PhD, Clark) is currently completing an academic year at the Center where she has participated fully in the Center's program and carried out research, reading and study of her own choice.

Dr. W. Johnson, Professor of Sociology and Afro-American Studies Program, Rutgers University, joined the Center in the fall. He will carry out a program of research in Southern and Francophone Africa on aspects of adjustment to majority rule.

3. PhD Dissertation Fellowships. Dr. Maria King has received her degree in Education based on research on migration in Niger. Messrs. Connors and Makinen are completing dissertations on Senegal and the

Cameroons respectively sponsored under this program; Connors has been writing on the Franc Zone, Makinen on costs-benefit analysis of measles and polio eradication in the Cameroons. Robert Hardy worked on educational policy in Upper Volta and David Rinaldo on health planning in Senegal. Larry Herman continues research on Upper Volta beef marketing economics, under joint sponsorship with ELP, (Entente Livestock Program). Tod Eddy returned from his study of nomadic cattle raising in Niger and is now processing the data collected over two years in the Kao region.

4. Minority Fellowships. Cynthia Guthrie, who recently graduated from Spellman College in Atlanta with a joint degree in Economics and Mathematics entered the University of Michigan's M.A. in applied economics program at the completion of her successful language training in Vichy, France.

On an experimental basis, Mr. Michael Hawkins was granted a minority fellowship for a year to strengthen his background in mathematics and economics, and to prepare for Graduate School entrance examinations. He has since succeeded in gaining admission to the M.A. program in Public Policy (IPPS).

5. African Visitors and Students. Two students are successfully pursuing PhD degrees under full tuition and stipend fellowships: Mr. B. Essama of the Cameroons in Economics and Mr. Y. Sylla of Guinea/Senegal. Mr. A. Toure of Mali is following a program of study for the MA in Business Administration. We are making arrangements for three African students to enter study in the Fall of 1977 and Winter of 1978. They will attend the English Language Institute here and then enter the U of M or other US universities. They will be fully funded through CIRES, the Ivory Coast Center for Economic and Social Research, at Abidjan. Our role will be limited to assistance to that Center in placing African candidates.

Professor M. Kalala, from the Faculty of Economics of the University of Zaire participated in the Center's African visitors program and attended the English Language Institute. The Center also received the visit of Dr. Ignace Kalmogo, Director of the National School of Public Administration of Upper Volta at Ougadougou. Finally, invitations have been extended to Professors Kasse and Diouf of the Department of Economics of the University of Dakar, Senegal.

6. Library. The CRED library continues to expand and to make its resources available to all faculty and students interested in Economic Development and African Studies. Special efforts have been made to make these facilities known to the University community and other institutions with similar interests.

The library staff continues a broad range of activities in keeping with CRED's general goal of being a leading institution in the U.S. for study and research in the area of Francophone Africa. These activities include: exchange programs with other institutions, centers and governments; answering interlibrary loan requests and making inquiries of other research centers.

The orientation of the library has closely followed that of the Center and greater emphasis has been placed upon Sahelian countries, to raise the level of its Sahelian collection to that of the books and documents on West African coastal countries.

Table 2. FAP Expenditures by

		<u>Salaries and Wages</u>	<u>Fringe Benefits</u>
<u>Phase I</u>			
Project 1	Professor/Researchers	(-)2,129.61	(-)352.09
2	Dissertation Research	458.77	59.17
3	African Fellowships	--	--
4	Core Staff	6,901.87	1,252.41
7	U of M Resident Support	28.42	--
8	Library	144.90	--
9	Administration	2,743.87	330.45

<u>Phase II</u>			
Project 1	Professor/Researchers	38,650.63	6,621.85
2	Dissertation Research	140.65	8.22
3	African Fellowships	2,131.66	171.92
4	Core Staff	1,833.67	353.76
5	Graduate Fellowships	--	--
6	African Visitors	243.78	97.66
8	Library	10,913.28	1,312.52
9	Administration	19,877.39	2,240.73

<u>Phase III</u>			
Project 1a	Sahel Researchers	71,514.19	10,248.78
2	Francophone Visitors	1,958.34	211.06
3	Dissertation Research	93.41	24.55
4	Minority Fellowships	1,117.28	1.04
5	Senior Staff Research	3.56	.62
6	Library	419.30	56.63
7	Administration	15,935.31	2,169.45

All Phases

Project and by Class, FY 76-77

<u>Stipends</u>	<u>Tuition</u>	<u>Supplies</u>	<u>Travel</u>	<u>Other</u>	<u>Total</u>
--	--	925.85	--	--	(-)1,555.85
1,901.00	534.00	98.25	--	--	4,784.59
7,120.00	4,040.00	359.11	--	--	11,719.11
--	--	--	--	--	8,154.28
--	--	166.70	--	--	195.12
--	--	8,269.17	--	--	8,414.07
--	--	338.20	57.39	--	3,469.91
					<u>15,181.13</u>
--	--	966.52	3,125.51	--	49,363.51
1,510.00	585.00	1,258.94	--	--	5,502.81
12,178.29	6,785.00	2,378.46	61.39	--	23,706.92
--	--	--	113.24	--	2,300.67
2,240.00	1,300.00	7.82	--	--	5,547.82
3,468.00	825.00	380.20	--	--	7,014.64
--	--	(-)12,595.78	28.05	(-)974.48	(-)11,316.41
--	--	972.20	1,729.09	--	25,819.41
					<u>116,940.37</u>
--	--	3,624.70	19,072.43	--	104,460.15
--	--	1,076.31	5,859.86	--	9,105.57
1,475.00	--	2,082.36	1,576.37	--	7,535.29
1,550.00	1,300.00	307.89	1,632.68	--	12,011.85
6,230.00	--	30.74	165.19	--	6,930.11
--	--	1,245.27	30.61	--	1,751.81
--	--	1,529.00	2,874.84	--	22,508.60
					<u>166,323.38</u>
					<u>8118,434.80</u>

UNIVERSITY OF MICHIGAN CONTRIBUTION

Table 1 does not include the dollar value of the considerable quantity of services provided in kind by the University of Michigan. These include office space and utilities in the Institute for Social Research building, estimated at a yearly \$60,000. The University also bears the full overhead cost of FAP activities; finally, some of the research activity of CRED associates is performed within the scope of their academic appointments.

Project 1: Economist Professor/Researchers for Francophone Africa Universities, (FAP II/1, III/1a, III/1b)

A. Project Description for Phases I, and III

During the reporting period this project involved the maintenance and support of Economist Professor/Researchers assigned to Francophone African universities at the beginning of the period (Universities of Abidjan and Dakar). Support services included the photocopying and forwarding of requested teaching and research materials (such as professional articles), the provision of research assistance and computer services, on location or in Ann Arbor according to the case, and the weekly forwarding of first class mail by air.

Professor/Researchers continued to be reimbursed for material used in teaching and left at their respective African universities upon departure at these universities. The purpose is to help build up library resources.

The project provides for a minimum of two years at an African University followed by a year's write-up period back in Ann Arbor. The Professor/Researchers' stay in Africa may be extended for further research. We have found this project to be the best way to provide young American economists with in-depth competence on West-African problems.

B. Phase II

a) ACTIVITY

Dr. Eric Nelson continued to receive support from this grant during the reporting year. Dr. Nelson is still in Ivory Coast where he combines various research activities at the University of Abidjan's Social

and Economic Research Center (CIRES). He plans to remain in Ivory Coast in his Professor/Researcher capacity at least until the summer of 1978.

b) Expenditures

These activities were carried out with the following costs:

TABLE 3

Economist Professor/Researchers for Francophone  
Africa Universities, 1967-77

Salaries & Wages	\$38,657
Fringe Benefits	6,622
Stipends	0
Tuition	0
Supplies	966
Travel	3,125
Total	\$49,364

C. Phase III

a) Activity

During the 1976 fiscal year two Professor/Researchers (Drs. Garland Christopher and Michael Lopez) left the African institutions to which they were assigned and came back to Ann Arbor to start writing up the results of their research. The third, (Dr. Clark Ross), is still in Senegal where he first conducted a study of grain consumption patterns in Dakar and is now doing research on grain transactions at the village level in the interior of the country in cooperation with the CNRA (National Senegalese Center for Applied Research). Drs. Christopher and Lopez may utilize their experience

and language competence to undertake project development in Francophone Africa, as consultants to other organizations.<sup>1</sup>

The activities of this project during the reporting year have thus further strengthened the teaching and research capacities of African institutional links between the Center and Francophone African Universities and research centers.

Phase III activities may be presented as follows:

TABLE 4

Phase III, Project 1a & 1b\*

Economist Professor/Researchers for Francophone Africa Universities

<u>Name</u>	<u>Field of Specialization</u>	<u>African Institutional Affiliation</u>	<u>Man/Months AFR/AA</u>	<u>Research Area</u>
Garland R. Christopher PhD. Economics Univ. of California at Berkeley	Development Economics International Trade	University of Abidjan	10 2	Patterns of labor migra- tion in Ivory Coast
Michael Lopez PhD. Economics Yale University	Development & International Economics	University of Dakar	10 2	Urban housing; in Dakar, income distribution, immigration
Clark D. Ross PhD. Economics Boston College	Economic Development Planning Labor	University of Dakar	11 1	Urban grain consumption/ grain transaction at village level in Senegal

Project 1b is an extension to 1a enabling the Professor/Researchers to prolong their stay in Africa. In the past, such extensions were requested by professors assigned to Senegal, Ivory Coast and Zaire. The African universities welcome this as they benefit from five to six months of additional teaching by an experienced professional. This also helps synchronize overseas service with the academic calendar in the United States.

It is indicative of the extent of this Center's Francophone capacities and personnel, that we continually receive requests from AID, UNDP, IBRD and others to provide French-speaking economists for project appraisal and other missions.

b) Expenditures

The following expenditures were incurred in the course of Phase III of this Project; (1a & 1b).

TABLE 5

Economist Professor/Researchers for Francophone Africa Universities

1976-77

Salaries and Wages	\$ 71,514
Fringe Benefits	10,249
Stipends	0
Tuition	0
Supplies	3,625
Travel	19,073
Total	<u>\$104,460</u>

Project 2: PhD. Dissertation Research by Americans in Francophone Africa  
(FAP I/2, II/2, III/3)

A. Project Description for Phases I, II and III

As in the past, the Center views the support of dissertation research in Francophone Africa as one of the best and least expensive ways to generate interest and develop expertise about this area among young American scholars, as well as a very efficient means of obtaining basic socio-economic data on the region. CRED support for dissertation research usually covers a 17-month period and includes language training, round-trip transportation to Africa, a monthly stipend, a modest research budget, and support while writing up research results in Ann Arbor. The availability of such support has generated considerable interest in Francophone Africa among graduate students in the social sciences at the University of Michigan.

During Phases II and III of this Project, the Center has attempted to increase the participation of minorities and women in this program and to encourage participation by graduate students in disciplines other than economics (e.g. sociology and education).

B. Phase I

a) Activity

Three graduate students received Center support under this aspect of the Grant. Thomas Connors, who had received language training in France and carried out field research in Dakar, Senegal, during the previous reporting period, came back to Ann Arbor to write up the results of his research. He received four months' support from the Center under this Phase, (and three months under Phase II), and obtained his Ph.D. degree from the University of Michigan.

William Makinen, PhD, candidate from the University of Michigan who had gone to Cameroon in late 1975, came back to Ann Arbor to report on the economics of public health in Cameroon. He received the same support (4 months under Phase I and 3 under Phase II) as Mr. Connors.

David Rinaldo, after a year's stay in Senegal received one month's support under Phase I of this project.

Finally, secretarial support was extended to Mrs. Maria King, a PhD. candidate from the University of Michigan.

These activities may be summarized as follows:

Activities in Phase I

<u>Name</u>	<u>Place of Research</u>	<u>Field</u>	<u>Thesis Topic</u>
Tom Connors PhD. Candidate University of Michigan	Senegal	International Trade and Finance	West African Monetary Union
William Makinen PhD. Candidate University of Michigan	Cameroon	International Trade and Finance	Economics of Public Health in Cameroon
Maria King PhD. Candidate University of Michigan	France	Education	Factors Influ- encing Rural- urban migration in West Africa
David Rinaldo PhD. Candidate University of Michigan	Senegal	Development Economics	A linear pro- gramming model of the health care system of Senegal

b) Expenditures

For the 9 person/months involved under Phase I, expenditures were as follows:

TABLE 6

PhD. Dissertation Research in Francophone Africa, FAP 1/2

Salaries and Wages	\$ 459.
Fringe Benefits	59.
Stipends	3,901.
Tuition	534.
Supplies	98.
Travel	0.
TOTAL	\$4,784.

C. Phase II

a) Activity

As indicated above, both Thomas Connors and William Makinen received Center support for three months during this Phase of the Project, (May 1 - July 31, 1977). David Rinaldo received three months' support from the Center under this Phase of the Project:

Activities in Phase II

<u>Name</u>	<u>Place of Research</u>	<u>Field</u>	<u>Thesis Topic</u>
Tom Connors PhD. Candidate University of Michigan	Senegal	International Trade and Finance	West African Monetary Union
William Makinen PhD. Candidate University of Michigan	Cameroon	International Trade and Finance	Economics of Public Health in Cameroon
David Rinaldo PhD. Candidate University of Michigan	Senegal	Development	A linear pro- gramming model of the health care system of Senegal

b) Expenditures

For the 10 man/months activities of Phase II, expenditures were as follows:

TABLE 7

PhD. Dissertation Research by Americans in Francophone Africa, FAP II/2, (in thousand \$)

Salaries and Wages	\$ 141.
Fringe Benefits	8.
Stipends	3,510.
Tuition	585.
Supplies	1,259.
Travel	0.
TOTAL	\$5,503.

D. Phase III

a) Activity

David Rinaldo received another four months' support under this Phase of the Project. Suzanne Rinaldo, also a PhD. candidate in Sociology benefited from three months' support to write up the results of her own research in Senegal.

Finally, Larry Herman, PhD. candidate in Economics, was maintained in Upper Volta for seven months under Phase III of this Project. He is now back at the Center and working on his dissertation.

Activities in Phase III

<u>Name</u>	<u>Place of Research</u>	<u>Field</u>	<u>Thesis Topic</u>
David Rinaldo PhD. Candidate University of Michigan	Senegal	Development Economics	A linear Programming Model of the health care system of Senegal
Suzanne Rinaldo PhD. Candidate University of Michigan	Senegal	Sociology	Design of the health care delivery system of Senegal
Larry Herman PhD. Candidate University of Michigan	Upper Volta	Development Economics	Livestock marketing in Upper Volta

b) Expenditures

For the 14 person/months (including 7 p/m in Africa) included under Phase III of this Project, expenditures were as follows:

TABLE 8

PhD. Dissertation Research by Americans in  
Francophone Africa, FAP 111/3

Salaries and Wages	\$ 93.
Fringe Benefits	25.
Stipends	1,475.
Tuition	0.
Supplies	2,082.
Travel	1,576.
TOTAL	\$7,535.

Project 3: Graduate Training of Francophone African Economists in the United States, (FAP I/3, II/3)

A. Project Description, Phases I and II only

This program is designed to provide graduate training in economics for students from Francophone Africa. Such students are often disadvantaged when they begin their studies in the United States by a deficiency in English language and by their different educational background. In addition, they must face the problems of academic survival common to all first-year graduate students. To reduce the magnitude of these problems, the program includes English training at the English Language Institute of the University of Michigan and an intensive summer program in economics at the Economics Institute, Boulder, Colorado, before the start of graduate work in economics at the University of Michigan.

Support from the Center includes travel expenses, tuition and a monthly stipend, a yearly allowance for books and supplies and sundry support services from the Center's staff. The student's progress, in English and economics training as well as during his graduate work, is closely monitored to remedy weakness or deficiencies. The course of study for the M.A. or Ph.D. degree, including English language training, runs from 36 to 45 months, and the length of this study probably constitutes the main obstacle to an expansion of this project.

B. Phase I

a) Activity

During the 1976 fiscal year the Center continued the support of Mr. Boniface Essama-Nasah, from Cameroon who began graduate work in the

Department of Economics during the 1974/75 year. Mr. Essama-Nassah, who is successfully pursuing his studies received six months' support under Phase I of this project and another six months under Phase II.

Two additional African students who joined this Project during the previous reporting period, Mssrs. Youssouf Sillah of Senegal and Almar Toure of Mali, are also continuing their studies. Mr. Sillah is in his second year of work toward a PhD. degree, while Mr. Toure seeks to obtain an MBA degree from Eastern Michigan University.

b) Expenditures

The cost of the project for this reporting period amounted to:

TABLE 9

Graduate Training of Francophone African Economists  
in the United States, FAP I/3

Salaries and Wages	\$	0.
Fringe Benefits		0.
Stipends		7,320.
Tuition		4,040.
Supplies		359.
Travel		0.
TOTAL		\$11,719.

C. Phase II

a) Activity

Phase II of this Project constitutes a continuation of the activities described under Phase I. Support was provided for Mssrs. Essama, Sillah, and Toure for a total of 21 man/months under this Phase of the Project.

b) Expenditures

For these 21 man/months they may be summarized as follows:

TABLE 10

Graduate Training of Francophone African Economists  
in the United States, FAP II/3

Salaries and Wages	\$ 2,132.
Fringe Benefits	172.
Stipends	12,178.
Tuition	6,785.
Supplies	2,378.
Travel	61.
TOTAL	\$23,707.

Project 4: Core Staff Increase (FAP I/4, II/4)

A. Project Description, Phases I and II only

In keeping with the objective and timing of this project, no activity was scheduled until September 1975. This activity, included in Phase I (\$17,500) and Phase II (\$18,000), was designed to enable the Center to offer a single Economist/Researcher (Project I in each Amendment) to continue association with the Center in Ann Arbor for an additional academic year, i.e., a fourth year. During the fourth year, it was hoped that the selected Economist/Researcher would continue research output growing out of his/her West Africa Francophone experience and to generally enrich the University's program.

B. Phase I

a) Activity

Dr. Brendan Horton, Economist Professor/Researcher under FAP I/1 was the only person to benefit under this Project. His association with the Center was extended for a period of approximately one year.

b) Expenditures

For the four man/months involved during this period, the costs were as follows:

TABLE 11

Core Staff Increase, FAP 1/4

Salaries and Wages	\$6,902.
Fringe Benefits	1,252.
Stipends	0.
Tuition	0.
Supplies	0.
Travel	0.
TOTAL	<u>\$8,154.</u>

C. Phase 11

There were no activities under the second Phase of this Project.

Project 5: Francophone Africa Graduate Fellowships for United States Students, (FAP 1/5, III/4)

A. Project Description, Phases I and II

In addition to supporting dissertation research in Francophone Africa by United States graduate students (as described earlier), the Grant also awards fellowships to students beginning their graduate study at the University of Michigan. These fellowships are awarded to students who have been recruited and admitted to graduate study by the University in a field of study related to Economic Development and who, in response to the Grant, have expressed willingness to focus dissertation work on Francophone Africa. Students completing their course work under such fellowships would become candidates for CRED fellowships for dissertation research in Francophone Africa.

B. Phase I

The funds for Phase I of this Project were exhausted in the support of the studies of Nasru, Thomas Connors and William Makinen who passed their preliminary exams.

C. Phase II

D. Activity

Ms. Jacqueline Brice, from the University of Wisconsin at Seven Points, recruited for the Ph.D. program in Development Economics, successfully completed a year's study.

b) Expenditures

For the 10 person/months of support involved under FAP 11/5, expenses were as follows:

TABLE 12

Salaries and Wages	\$ 0.
Fringe Benefits	0.
Stipends	2,280.
Tuition	3,300
Supplies	8.
Travel	0.
TOTAL	\$5,548.

D. Phase III (Minority Fellowships)

Project Description

Under Phase III of the Grant, special emphasis was placed on attracting minority students to the field of Economic Development. In accordance with this emphasis, a special minority fellowship was instituted in addition to continuing the fellowship activity implemented under the Grant. The minority fellowship program provides support for students enrolled either in the PhD. program in economics or some related field or in the Economics Department's new program leading to a Master of Arts degree in Applied Economics.

a) Activity

Two candidates were contacted at the close of the previous reporting period for admission in the Center's Minority Fellowships Project, Mr.

Michael Hawkins, of Antioch and Ms. Cynthia Guthrie, of Spellman College. Mr. Hawkins started study in September 1976 and followed an experimental program designed to improve his GRE scores with a view to gaining admission to graduate study. He is currently working on a Master's Program at the Institute for Public Policy Studies, a branch of the University of Michigan's Political Science Department with an IPPS fellowship.

Ms. Cynthia Guthrie was recruited early in the summer of 1977 and sent to Vichy, France, where she successfully completed language training. She came back to Ann Arbor in time to register for the fall quarter at the University of Michigan. She is now working toward a M.A. degree in economics.

b) Expenditures

Expenditures for this reporting period and covering 10 person/ months and Ms. Guthrie's travel and language training were as follows:

TABLE 13

<u>Minority Fellowships, FAP III/4</u>	
Salaries and Wages	\$ 1,117.
Fringe Benefits	1.
Stipends	3,550.
Tuition	3,300.
Supplies	308.
Travel	3,633.
TOTAL	<u>\$12,012.</u>

Project 6: Francophone Africa Visitors, Academics and Civil Servants,  
FAP I/6, II/6 and III/2

A. Project Description

This activity was designed to provide an interface between the University of Michigan, Center staff, and African visitors. In past years, we have had leading academics from the Ivory Coast and Zaire in Ann Arbor. Such visitors have met with top University officials addressed seminars (in French or English) and became more familiar with the University of Michigan and the Center.

Successful experience to date has revealed that such visits open channels of communication and effectively expose visitors to American teaching and research. Leading African faculty members<sup>1</sup> have already been brought to this Center and this University under the Grant. These visits have been the basis of cooperation in many areas, and have greatly increased the University of Michigan's understanding and knowledge of Francophone institutions, individuals, and concerns.

These visits are designed primarily to increase exposure to the tools and methods of economic analysis. CRED has managed similar programs for other Third World professionals as well. This project permits English training for up to six months at the University of Michigan

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<sup>1</sup>Professor Kazadi N'Duba wa Dile, Vice Dean, Faculty of Economics Commerce and Communications, National University of Zaire (Kinshasa); Professor Joseph Pouemi Tchundjang, Department of Economics, and Director, Institute of Business Management, University of Yaoundé, United Republic of Cameroon; M. Pegatienan Hley Jacques, Director, Center of Social and Economic Research, University of Abidjan, Ivory Coast.

English Language Institute. Simultaneously, the participants take part in CRI's program of discussions and seminars, some of them in French, attend selected courses and engage in supervised reading. Each visitor has a program tailored to his own needs and interests.

B. Phases I and II

The funds for this Project's first two Phases were exhausted by the Colloquium for French-Speaking Economists and participation in the American Economic Association convention during the fiscal year 1974/75, (see 6th Annual Report).

C. Phase III

a) Activity

This Project funded part of Ms. Suzy Ramamonjisoa's trip to Ann Arbor during which she spoke at a seminar on the subject of "Rural Development in Madagascar."

Funds from the Project were also used to provide some assistance to African students (e.g. Msrs. Sillah and Toure) to help them during the transitional period of their first weeks in the United States.

The Center also did all preparatory work for visits of Msrs. Mokhtar Diouf, Director of the CREA (Center for Research in Applied Economics) at the University of Dakar, Senegal, and Moustapha Kasse, Professor in the Economics Department at the same institution. Unfortunately both postponed travel due to commitments in their own university.

Finally, the Center received the visit and had extensive conversations with Mr. Ignace Kalmogo, Director of the E.N.A. (National School of Administration) in Ouagadougou, Upper Volta.

b) Expenditures

During the reporting period expenditures were as follows:

TABLE 14

Francophone Africa Visitors, FAP III/2

Salaries and Wages	\$1,958.
Fringe Benefits	211.
Stipends	0.
Tuition	0.
Supplies	1,076.
Travel	5,860.
TOTAL	<u>\$9,105.</u>

Project 7: Assistance for Research Related to/or Including Francophone Africa by U. of M. Faculty, FAP I/7

A. Project Description

This is a complementary activity designed to give modest support to University of Michigan faculty members, willing either to engage in direct research on Francophone Africa themes or to include consideration of Franco-phone Africa in research primarily focused on other regions. No faculty salaries may be covered under this system of incentive.

B. Phase I

a) Activity

Funds from this project were used to provide Drs. Heller and Porter with use of computer facilities to support the research they conducted within the framework of GRED projects.

b) Expenditures

During this reporting period expenditures were as follows:

TABLE 15

U. of M. Faculty Research Assistance

Salaries and Wages	\$ 28.
Fringe Benefits	0.
Stipends	0.
Tuition	0.
Supplies	167.
Travel	0.
TOTAL	\$195.

C. Phase II

There were neither activities nor expenditures during Phase Two of the Project.

D. Phase III Senior Staff Researchers, FAP III/5

Project Description

In keeping with Phase III orientation toward greater participation by minorities, this project is designed to expand the number of minority professionals with expertise in West Africa and the Sahel. At the same time, the project aims at increasing research focused on these areas and at furthering the multi disciplinary attributes of CRED's Sahel Research.

The Project seeks to bring post-PhD. professionals to the University of Michigan either under joint-appointment by CRED and such departments as Geography, Natural Resources, Sociology, Anthropology, Economics, Public Health, etc. or by full time appointment at CRED.

The joint appointments can be based on research on Francophone West Africa, including the Sahel, at CRED, and teaching at the collaborating departments.

a) Activity

Two minority candidates have joined the Center under this Project: Dr. Annette Pinckney, (PhD. Clark University) and Dr. Walton Johnson of Rutgers.

Dr. Pinckney has done research in Mauritania and is now writing at the Center on grain storage in West Africa. Dr. Johnson, a sociologist, is carrying out a program of research in Southern and Francophone Africa on aspects of adjustment to majority rule.

b) Expenditures

Expenditures under FAP III/5 during this period were:

TABLE 16

Senior Staff Researchers, FAP III/5

Salaries and Wages	\$ 4.
Fringe Benefits	0.
Stipends	6,250.
Tuition	0.
Supplies	31.
Travel	<u>165.</u>
TOTAL	66,950.

Project 8: Research Resources With Special Emphasis on Francophone Africa and the Sahel (FAP I/8, II/8, III/6)

A. Project Description

The CRED library continues to expand and to make its resources available to all faculty and students interested in Economic Development and African Studies. Special efforts have been made to make these facilities known to the University community and other institutions with similar interests.

The library staff continues a broad range of activities in keeping with CRED's general goal of being a leading institution in the United States for study and research in the area of Francophone Africa. These activities include: exchange programs with other institutions, centers and governments; answering interlibrary loan requests and making inquiries of other research centers.

The orientation of the library has closely followed that of the Center and greater emphasis has been placed upon Sahelian countries, to raise the level of its Sahelian collection to that of the books and documents on West African coastal countries.

B. Phases I, II and III

a) Activity

The policy of concentrating the library's activities on Sahel Research by keeping most books of a more general interest at the University of Michigan Graduate Library has been continued. The CRED Library and its staff thus give first priority to acquisitions under the new more selective policy and emphasize support of Center's research, if necessary, at the

expense of general services to the academic community as a whole.

109	Government Documents
166	Periodicals
628	Working Papers
79	Reference Works
106	Special Items

b) Expenditures

The library's expenditures over the three Phases of the Project in 1976-77 were as follows:

TABLE 16

Library Expenditures, Phases I Through III

Salaries and Wages	\$11,477.
Fringe Benefits	1,369.
Stipends	0.
Tuition	0.
Supplies	(-) 1,081.
Travel	59.
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	\$10,849.

Project 9: Program Administration FAP I/9, II/9, III/7

A. Project Description

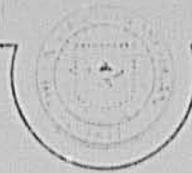
In its original design this category included administrative and many support costs of all projects. This approach was the only means available at the time to reflect such costs. When the system of separate accounts for each project was introduced in January of 1976, plans were included to attribute administrative expenses directly related to a substantive project to that project itself and to charge only general program expenses, (i.e. not attributable to any individual project) to Project IX - Administration. This change was completed during the previous reporting period and administrative expenses attributable to each particular project are now charged against that project; only non-attributable administration expenditures appearing in the "administration" project.

B. Expenditures

Due to the continuous character of expenditures in this project, Phases I through III may be summarized into one table.

TABLE 17

<u>Program Administration, Phases I through III</u>	
Salaries and Wages	\$38,556.
Fringe Benefits	4,741.
Stipends	0.
Tuition	0.
Supplies	2,839.
Travel	4,661.
TOTAL	\$50,798.



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3. Wolfgang F. Stolper, *"Economic Growth and Political Instability in Nigeria: On Growing Together Again"*, November 1968. (Republished in *Growth and Development of the Nigerian Economy*, edited by Carl Eicher and Carl Liedholm, Michigan State University, 1970, pp. 328-51.)
4. Elliot J. Berg, *"Industrial Relations Systems in Colonial West Africa: A Comparative Analysis of French West Africa and the Gold Coast"*, December 1968. (Republished in *Essays in Honor of William O. Brown*, African Studies Center, 1975, pp. 171-96.)
5. Elliot J. Berg, *"Trade Unions and Wage Levels -- The Nigerian Case"*, January 1969.
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