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Center for Research on Economic Development
The University of Michigan
Ann Arbor, Michigan 48104

First Annual Report

AID (211d) Institutional Development Grant No. AID/csd-2547
(University Account Nos. 03463 and 03464)

Period: January 1, 1970 - June 30, 1971

I. Objectives of the Grant

The main objective of the 211d Grant is to maintain and expand the capacity of the University of Michigan, and specifically its Center for Research on Economic Development (CRED), in the field of economic development, and to allow CRED to enhance its capability for providing assistance to AID and other AID-giving institutions or directly to African countries. CRED has interests and specialized competence in problems of African economic development, and has undertaken various Task Orders for AID, involving consulting and/or research in Africa. With the general shrinkage of private financial support for international affairs programs in American universities, CRED's resources began to decline after 1968. In the absence of new support, it would have become necessary to reduce the Center's staff and activity to a minimum, dismantling its general research and advisory capacity. The 211d Grant allows CRED to maintain this capacity; it also creates the opportunity to enlarge, improve and diversify it.

The objectives of the grant are as follows:

1. expansion of research on key problems of economic policy and planning in African countries;
2. reinforcement of the University's capacity in the area of population policy and planning;
3. improvement of library facilities;
4. expansion of contacts with universities and research institutions in Africa;
5. improvement of curriculum;
6. increased availability of CRED staff and graduate students for research, and for consulting in Washington and Africa;
7. increased participation of African students in development-related graduate training.

II. Accomplishments

This report covers the first six months of the grant--from its effective date of January 1, 1970 to June 30, 1970. Total expenditure under

the grant during this period was only \$23,202. We are thus reporting on an early and brief phase of the grant. Under these circumstances it is premature to speak of "accomplishments". Everything is still in its beginning. Moreover, in this first phase the 211(d) component of our total financing is relatively small, as can be seen from paragraph 1. of the General Annual Report 1969-1970 which is attached; this can also be seen in the appendices on total financing of the Center during 1969-1970, (which is similarly attached). The scope and nature of CRED activities is described in the attached General Annual Report.

Development of Teaching Competence

No expansion in the number of teaching staff was possible during the period under review. The 211(d) grant was approved late in November 1969. Given the nature of academic recruiting, no new academic hiring could be done so late in the year. It was, in fact, too late to do very much effective recruiting for the year 1970-1971. Considerable recruiting efforts were undertaken after December 1, 1969 including systematic interviewing at the American Economics Association Meetings in New York. However, the time between receipt of the grant and major recruiting activity was not adequate to allow for the ground work necessary in any expansion of staff size--coordination of CRED recruiting with the plans of other units of the University, for example, notably the Economics Department. A number of offers were made on a crash basis, jointly with the Economics Department, but these were unfortunately not accepted.

Grant funds did provide payment of Professor Wayne Snyder's salary, allowing the Residential College to enjoy his services and greatly adding to the Economic Development interest and competence in that unit of the University. Also, a new seminar was informally started, giving considerable interest to African questions. The general subject was "Non-Economic Factors in Economic Development."

Development of Research Competence

The grant paid part of the salaries of Professors Stoilper, Snyder and Porter. Some portion of their research output during the period under review should therefore be attributed to 211(d) funds. Their total output over the year is indicated in the appendices showing publications of CRED staff.

The availability of 211(d) funds allowed the Center to undertake certain exploratory research, mainly with the help of the research assistance. Work was undertaken on the following subjects:

1. the evaluation of long term projections of export earnings in less developed countries;
2. the economic links between Lesotho and South Africa;
3. foreign investment decisions in East Africa;
4. An annotated bibliography on common markets in Africa;
5. Migration in Africa;
6. Statistical relationships between non-farm domestic products and changes in the value of agricultural output, export, and investment.

The grant has enabled us to provide ^{Professional staff guidance} ~~regular~~ support for Ph.D. research in Africa. ^{For example,} Although not funded directly by the 211(d) grant, an innovative study was undertaken in conjunction with AID in Morocco, whereby a Malagasy graduate student did an evaluation of the Food-for-Work program in Morocco for his Ph.D. dissertation.

Probably the most basic improvement in our research capacity during this period occurred as a result of the strengthening of our research library, which the 211(d) grant has financed. During this period we have acquired the development plans of all African countries; we have purchased microfilm copies of out-of-print periodicals and of dissertations on relevant African subjects; we have now established regular inflows of statistical bulletins, especially from French Africa, where our holdings were formerly weakest. We have made a good beginning on the expensive and laborious job of building up our resources in French periodicals. Our acquisition of books have increased four or five times and our periodicals and government documents, especially from French-speaking Africa, by an even greater rate. We have hired a French-speaking library assistant, and a number of library aides, to help in the cataloging process. We have switched our holdings over to the Library of Congress system so as to allow for better integration into the existing University system.

Consulting and Advising

The 211(d) funds allowed some release time for Professors Stolper and Snyder, who engaged in extensive negotiations with AID and the Moroccan Government regarding a technical assistance project in the area of economic planning. In January 1970 Professors Stolper and Snyder went to Morocco on an AID Task Order to report on the need and nature of a technical assistance mission in a planning organization of that government. They submitted their report to AID and the government of Morocco in February. Negotiations continued through June, absorbing much of Professor Snyder's time in particular. As can be seen in the General Annual Report, especially in the summary statement, all staff members participated in consulting on advisory work of great variety, and in a great many committees and panels as well.

Involvement of Other University Resources

Given the short period of time involved, and the need to give priority attention to other demands in the way of building the Center, not much activity was devoted to this purpose during the six month period under review. The interdisciplinary seminar on non-economic factors and economic development, however, did enable contacts to be made between CRED and other units in the University working on related problems. Hopefully these contacts will be expanded in the future.

III. Expenditures

Total expenditure out of 211(d) funds between January 1, 1970 and June 30, 1970 was \$23,202, broken down as follows:

Salaries	\$16,248
Academic	\$5,871
Research Assistants	4,924
Non-Academic	3,934
Employee Benefits	1,519
Travel	673
Equipment	817
Supplies	1,608
Postage	367
Telephone	486
Books	3,003

With respect to academic salaries, the grant provided one-fourth salary for Professor W. F. Stolper, Winter Term 1970; 100 per cent salary for Professor Wayne Snyder, Spring Term 1970; and one-fourth salary for Professor Richard C. Porter, Winter Term 1970. This staff time was devoted in part to general administration of CRED, and to research, but mainly to the negotiation of the AID-financed technical assistance project in Morocco, of which mention was made above. The non-academic salaries were for payment of part-time library aides, and some secretarial services, mainly related to library and expansion. Ten research assistants were employed under the grant, for pre-doctoral library research, or for on-going research activities of CRED staff.



Travel expenditure (\$670.00) was attributable to a recruiting trip to the American Economic Association Meetings in December 1969; trips to Washington to confer on the Moroccan technical assistance project and a trip by Professor Berg from California to Ann Arbor to confer on general Center affairs, including the Morocco project.

Minor equipment purchases were made during the year. Additional bookcases were bought, and dictaphone equipment for use by staff members when traveling. The only expenditure of over a hundred dollars on equipment was

\$682.00 spent on four portable stenorette dictaphones, two transcribers and 15 cassettes for mailing. This equipment is manufactured by Dejur-Amsco Corporation, a foreign manufacturer. It is partially assembled in the U.S. No comparable equipment is manufactured in the U.S. Its purchase was necessitated by the increased overseas travel of Center staff, particularly in connection with the AID-sponsored Morocco project.

IV. Work Plan and Budget Forecast

The accompanying table shows actual and projected expenditures between January 1 and June 30, 1970 and estimated expenditures between July 1, 1970 and June 30, 1971. The estimates are based on the tentative draft budgets submitted with the "final proposal for support" in August of 1969. The 1970-1971 estimate is based on the first year estimated expenditure pattern as indicated in that draft budget.

In most categories spending has been lower than anticipated. Since the draft budget estimates were drawn up quite roughly, some departure from them was inevitable. In any case spending lagged mainly because of CRED's lack of success in recruiting new academic staff, for reasons described previously. Intensive recruiting efforts will be undertaken in 1970-1971, hopefully with better success.

Two adjustments have been made in the 1970-1971 budget estimates, as compared with the August 1969 tentative draft budget submission. Estimated expenditure on student research and fellowships was increased from \$15,000 to \$20,000. And estimated library expenditures have been reduced from \$22,200 to \$10,000 because of space and other bottlenecks to more rapid expansion of library facilities.

Three activities head our list of priorities for 1970-1971. The first is the recruiting of new staff. The second is the stimulation of research programs involving existing faculty resources. The third is a setting up of a technical assistance mission in the field of economic planning.

The number and type of new staff to be hired will depend on the availability of suitable people, and on policies within the Economics Department and other relevant units of the University. We hope to hire at least four new academic staff next year, and a program administrator described in our 211(d) proposal. This new staff will not of course be able to begin work until the summer of 1971 or the fall of that year, so they do not appear in the budget estimates.

The Center will try to play a more extensive role in stimulating

and mobilizing research on LDC problems by bringing in faculty whose primary interests are not necessarily in economic development, or if they are in development not necessarily Africa-oriented, and by crossing disciplinary lines more frequently.

The advising-consulting capacity of CRED will be utilized in the coming year in the activation of the Morocco project, involving assistance to the Planning Secretariat of that country. This project should greatly increase our competence in dealing with the problems of francophone Africa, and will make further dealings with countries in the French tradition much easier for us.

Attachments:

Expenditures, Actual and Projected, dated November 1970

General Annual Report 1969-1970, Summary and Highlights dated November 1970
" " " " , dated June 30, 1970 (with attachments)

November, 1970

Center for Research on Economic Development
The University of Michigan
Ann Arbor, Michigan 48104

Expenditures, Actual and Projected

	<u>Five-Year Total</u>	<u>January 1 - June 30, 1970</u>		<u>July 1, 1970 - June 30, 1971</u>
		<u>Estimates*</u>	<u>Actuals*</u>	<u>Estimates**</u>
Personnel	\$ 382,500	19,750	11,324	39,500
Student Fellowships and Research	140,000	7,500	4,924	15,000
Travel	53,000	2,600	673	5,200
Library	52,600	11,100	3,206	10,000
Supplies, etc.	<u>46,900</u>	<u>2,600</u>	<u>3,075</u>	<u>8,000</u>
	675,000	43,550	23,202	77,700

* One-half the estimated first year expenditures as given in tentative draft budget submitted with "Final Proposal for Support," August 11, 1969.

** First year spending rate, as indicated in tentative draft budget submission, August 11, 1969, with modifications as given in the text.

Center for Research on Economic Development
University of Michigan
Ann Arbor, Michigan 48104

General Annual Report 1969-1970
(Period: July 1, 1969 - June 30, 1970)

Summary and Highlights

1. Graduate Student Training. Thirty students were given support during the year, of whom six were Africans. Two students at the thesis-writing stage were placed in American university positions teaching development economics. A new interdisciplinary seminar began on an informal basis: non-economic factors in economic development.

2. Teaching in less developed countries. Two Michigan faculty members and two graduate students were provided for teaching positions in Universities in the LDCs, two in Africa, one in Latin America, and one in Asia.

3. Research. The Center supported overseas research of five graduate students--three in Africa, one in Latin America, one in Asia. Financial support was given to two senior researchers for work in Africa--Polly Hill and Prof. Gloria Marshall. A total of 37 publications were completed by staff during the year.

4. Consulting and Advising. Staff members served as consultants to AID, the Ford Foundation, IBRD, OECD, Foreign Service Institute, Department of State, U. S. Labor Department, Development Advisory Service, Harvard University.

5. Conferences and Panels. Staff members participated in the following conferences, panels, committees, etc.: University of Glasgow Conference on "Dual Economy"; University of Minnesota Seminar on African Development and U. S. Policy; African Studies Association Meetings; Columbia University Conference on the Pearson Report; OEC) Conferences on Unemployment and on Housing Policies; Michigan State Conference on Nigeria Development; AID Seminar on Export Promotion, New Delhi; Government of Liberia Conference on Development Strategy in the 1970's, Monrovia; AID-African Studies Association Workshop on Regional Development Policy; Foreign Area Fellowship Program, National Screening Committee (Africa and Near East); National Bureau of Economic Research Conference on Relative Prices in Planning for Economic Development, Toronto.

6. New Developments

a. The Ford Foundation made a two-year award of \$204,000 to the Center beginning July 1, 1969 to develop the Center as a resource for consultation, training, and staffing of development projects in Africa.

b. In December, 1969, The Center was awarded an "Institutional Development" grant from AID, amounting to \$675,000 for a five year period.

c. Beginning in 1969 The Center entered into an arrangement with the Rockefeller Foundation, whereby assistance will be given to the Foundation in its efforts to staff certain foreign universities (Nigeria, Kenya, Colombia, the Philippines, and Thailand).

d. The Center has engaged in extensive negotiations with the Government of Morocco and the Agency for International Development concerning a technical assistance mission to the Moroccan Planning organization

e. Professor Wolfgang F. Stolper resigned as Director to devote more time to teaching and research. Professor Elliot J. Berg succeeded him as Director beginning July 1, 1970.

June 30, 1970

Center for Research on Economic Development
University of Michigan
Ann Arbor, Michigan 48104

General Annual Report 1969-1970
(Period: July 1, 1969 - June 30, 1970)

1. The financing of the Center during 1969-1970 came from a number of sources:

Ford General (Unrestricted) 36431	\$ 31,530
Ford/Africa (2 years) 36429	50,575
Rockefeller/Weeks 36263	3,667
Rockefeller/CRED 36209	92,549
Ford/Africa (7-1 to 12-31-69) 37471	25,508
Ford/Supplementary (7-1 to 12-31-69) 37466	400
AID/CRED/Inst. 03463	19,996
AID/CRED/Library 03464	3,206
AID/Morocco 03461	13,073
AID/Andriamananjara (Task Order #1) 03469	<u>4,673</u>
	245,177

The Rockefeller Foundation financed through a grant to the Center, Professor John Weeks in Zaria (Northern Nigeria), Professor James Morgan in Nairobi, Ronald Silberman as a Junior Scholar attached to Professor Morgan, and Professor Joseph Palmer in Bangkok. The University received \$5,000 in lieu of Overhead.

2. Professor Stolper continued as Director and Professor Porter as Associate Director. Professor Berg was on leave. Professor Stolper resigned as Director at the end of the academic year 1969-1970 and will continue as Associate Director. Professor Berg took over as Director, July 1, 1970.

3. Activities: Ford/Africa (36429)

The Ford Foundation generously renewed the original (37471) and Supplementary (37466) grants of \$475,000 with a two-year grant of \$204,000. The grant provided part of the salaries for Professors Berg, Stolper and Snyder and financed six research assistants during the academic year and during the summer. Mr. Louis Currat was sent to Morocco to work on public sector wage policies. Mrs. Gloria Marshall went to Nigeria to follow up her previous work on Yoruba traders in Ghana. In addition, the grant financed the equivalent of one secretary and some typing services, and provided for the further expansion of the library. Finally, Mrs. M. E. Humphreys (Polly Hill) was financed to write up her research in Northern

igeria previously financed by CRED with Ford funds. This research has resulted in a first of three expected publications. It is mentioned in the list of publications.

4. Activities: US-AID 211(d) Grant (03463)

After lengthy discussions the Center received a 211(d) institution-building grant from AID for \$675,000 for five years. Since the grant was received only in November, and one of its major thrusts will be the development of competence in Francophone Africa, the main disbursements will start when Elliot Berg becomes director.

However, a major effort has already been made to expand the library, particularly in Francophone areas. Student assistants were employed in this direction. Professors Porter and Stolper were partly financed out of this grant.

5. Activities: Rockefeller Foundation (36209)

The agreement with the Rockefeller Foundation is going unusually smoothly. Professor James Morgan is in Nairobi, assisted by Ronald Silberman, a doctoral candidate. Professor Palmer (Linguistics) is in Thailand. Professor John Weeks teaches in Zaria and continues his research in wage and labor problems in Nigeria which he started--with Ford Foundation money--for his now completed doctoral work.

For next year (1970-71), Mr. Palmer will continue in Thailand. In addition, Professor Yoshihara, formerly of the Economics Department at the University of Michigan and now Assistant Professor at Kyoto University, Kyoto, Japan will go to the University of the Philippines, accompanied by Mr. Arthur Gibb, one of our doctoral students. After July 1, 1970, George Johnson will be at the Institute of Development Studies, Nairobi, Kenya, accompanied by another doctoral student, Mr. Gary Field.

The \$10,000 for the free disposal of the Center was used for two fellowships and some secretarial help.

6. Activities: US-AID

One major activity (AID/Andriamananjara) was financed by a separate Task Order with US-AID. In addition, Professors Snyder and Stolper, accompanied by Mr. Louis Currat, during January 1970 went to Morocco under separate contract with AID to investigate and report on the possibility of CRED supplying a planning-advisory team to the Ministry of Planning, Rabat. Such a report was submitted, together with a proposal, and the Center now awaits action by AID to allow hiring of staff. Professor Wayne W. Snyder is proposed as the first Chief of Party.

Mr. Rajaona Andriamananjara, a Madagascan student, is being financed for a year for research on Food-for-Work Programs in Morocco, which is expected to lead to both a report to US-AID and a doctoral thesis.

7. Other Activities

Professor Berg spent a leave at La Jolla, California, financed by a Ford Foundation Faculty Research grant, writing a book on Economic Policy Making in Liberia. In October 1969, he participated in a Conference on Development Objectives and Strategy in Monrovia, Liberia. In November he was member of an A.I.D. African Studies Association Workshop on Regionalism in Africa, and in December was consultant to an OECD Conference held in Paris on Unemployment. In February 1970 he participated in a Conference on the Pearson Report at Williamsburg, Va.

Mr. Robert Pogson spent six months at CRED, collaborating with Professor Berg on Liberian writing. He then went to Nigeria under Ford Foundation auspices to work in the Ministry of Economic Development, where he worked initially on problems of rehabilitation, and later on policies towards public corporations.

Professor Porter participated in a Conference on Export Problems in New Delhi, India in April 1970.

Professor Stolper taught during the summer semester 1969 at the University of Zürich, Zürich, Switzerland about problems of Economic Development. In September 1969 he participated at a Conference on Dualism at Glasgow, Scotland with the assignment to summarize the Conference. The proceedings will be published by Glasgow University. In October 1969 he gave a paper in a Seminar on African Development and U.S. Foreign Policy at the University of Minnesota which expects to publish it in a volume together with the other seminar papers delivered. In October 1969 he also gave a paper on Planning at the Annual Meeting of the African Studies Association in Montreal. This paper is expected to be published by the Centre for Developing Area Studies, McGill University. In February 1970, he participated at a Conference on the Pearson Report at Columbia University, and in a meeting of a Steering Committee for a proposed project on Construction and Housing in Mexico at OECD, Paris. In May he was discussant of a paper given at a Conference on Relative Prices in Planning for Economic Development sponsored by the National Bureau of Economic Research at York University, Toronto, Ontario. Peter Eckstein attended this Conference.

8. Student Support and Research

The Center has supported 14 students with Fellowships or as research assistants. This does not, however, exhaust support. Not only are students involved as research assistants; others, financed by Rockefeller Fellowships, or funds from

the African-American Institute, are given desks, keys to the library and secretarial help. For others, separate financing is found. Thus, Mr. Thomas Hutcheson is working in Bogota, Colombia as a Junior Scholar with Rockefeller financing. He works intimately with the Harvard Development Advisory Service on the one hand, and Professor Porter on the other, on research which not only will result in a thesis, but in a joint publication with Mr. Porter on problems and cost of tying aid. Mr. Charles Staelin was partly financed by CRED and worked with AID in New Delhi on export promotion problems. The Center has helped African students with desks, secretarial help, and in some cases research assistantships: Mr. Adama Diallo, who will return to Senegal as an advisor on planning to the Minister of Planning; Mr. Theophile Lukusa from Congo-Kinshasa, who works for his Ph.D., and is assistant to Professor Stolper; Mr. Djamal Mostafai of Algeria who works on his Ph.D., and Mr. Isaac Adelemo of Nigeria who works on his Ph.D. in Geography and will return to the University of Lagos. In addition, we are host to a French Scholar, M. Pineau-Valencienne.

It is perhaps indicative of the Center's role that in recent years more economists have applied for Foreign Area Fellowships for Africa and the Near-East from the University of Michigan than any other graduate school in the country. In 1969-1970 three of our students won Foreign Area Fellowship Awards--two in Economics, one in Geography.

Professor Eckstein's research has continued to center on two-gap models, as well as problems of pricing. Professor Porter's research centers on export policy; Professor Berg's on wage policy and decision-making; Professor Snyder's on monetary policy, and Professor Stolper's on general planning problems and budgetary problems.

The Center has been responsible for the Seminars on Economic Development which continue to have a strongly operational bias. It has also sponsored highly successful "brown bag" luncheons both in English and in Spanish. A new Seminar was informally instituted this year: non-economic factors in economic development.

9. Library and Center Papers

There are now ten Center Discussion Papers, five of them distributed during the calendar year 1969. These Papers are automatically distributed, partly on an exchange basis, to 150 recipients. It speaks for their quality that not only is there additional demand for them, but that all of these Papers have been published or have been accepted for publication. In addition, the Center distributes the reprints of articles of its members. A list of Discussion Papers and publications is appended.

The Library has grown in size and usefulness. Mrs. Holbrook, our Librarian, has instituted an effective exchange program for duplicates which has led to the acquisition of some rare, hard-to-get items.

10. Problems and Prospects

After years of struggle, the Center seems to have found its direction. It will continue to emphasize fieldwork, operationally directed theoretical work, and an involvement in planning, either through short-term visits or, with the prospective Moroccan involvement, through putting a planning-advisory team into the field. With the US-AID 211(d) Grant and the first venture into actual planning a new phase begins. This will require during the next year, which will also be the first year of new leadership, a period of stock-taking and reflection on further directions. The new Director and his associates expect to spend considerable time and thought on these problems and expect to make proposals to the Executive Committee at CRED, the University of Michigan, and, of course, Foundations and other potential sponsors.

Attachments:

- 1969-1970 Publications
- 1969-1970 List of Students Supported
- 1969-1970 Statement of Expenditures - Summary of Expenditures from all Sources
(to which is attached detailed Statement of Expenditures for all accounts)
- Summary of Expenditures by Academic Year (all sources) 1960-61 to 1969-70

November, 1970

Center for Research on Economic Development
University of Michigan
Ann Arbor, Michigan 48104

1969 - 1970 Publications

Berg, Elliot J.

"Development Strategy in the 1970's: Summary and Conclusion," paper given at Conference on Development Strategy, Monrovia, Liberia, October 1969

"Urban Real Wages and the Nigerian Trade Union Movement, 1939-1960: A Comment," in Economic Development and Cultural Change, July 1969, Discussion Paper No. 5

"Structural Transformation vs. Gradualism: Economic Development in Ghana and the Ivory Coast," (Paper presented at University of Chicago Conference on Ghana and Ivory Coast, March 1969), mimeo--book forthcoming.

Review of K. N. Subramanian, Labour-Management Relations in India, (New York, Asia Publishing House), in Industrial Labor and Relations Review, 1969

"Politics, Privilege and Progress in Liberia: A Review Article," Liberian Studies Journal, Vol. II, No. 2, 1970

"Wages and Employment in Less Developed Countries," paper presented at O.E.C.D. Conference on Unemployment, Montebello, Canada, July 1970

"Wages Policy and Employment in Less Developed Countries," paper presented at University of Cambridge Overseas Studies Committee Conference, September, 1970 (Prospects for Employment Opportunities in the Nineteen Seventies).

Review of Peter Kilby, "Industrialization in Nigeria, in Monthly Labor Review, 1970

Review of Adebayo Adedeji, "Nigerian Public Finance," in Journal of Economic Literature, 1970

Eckstein, Peter C.

"Toward an Integrated Theory of Tariffs," CRED Discussion Paper No. 9, August 1969.

"Econometric Model of Development: A Comment," American Economic Review, March 1970, pp. 227-235.

Hill, Polly (Mrs. M. E. Humphreys)

"Notes on the Occupations of Former Schoolboys: The Case of a Hausa Village," The Nigerian Journal of Economic and Social Studies, July 1969

Studies in Rural Capitalism in West Africa, Cambridge University Press, 1970

"Hidden Trade in Hausaland," MAN, Vol. 4, No. 3, September 1969

Hutcheson, Thomas L.

"Factor Intensity Reversals and the CES Production Function," The Review of Economics and Statistics, Vol. LI, No. 4, November 1969.

Marshall, Gloria

"In a World of Women: Fieldwork in a Yoruba Town in Western Nigeria," in Women in the Field: Anthropological Experiences, P. Golde (ed.), Aldine Press, May 1969

Porter, Richard C.

"Who Destabilizes Primary Product Prices?", Indian Economic Journal, April-June 1969

"On Placing the Blame for Primary Product Instability," International Economic Review, February 1970

"Some Implications of Post-War Primary Product Trends," Journal of Political Economy, May-June 1970

"Terminal-Year Investment in Finite-Horizon Planning Models," Pakistan Development Review, Summer 1970

"The Birth of a Bill Market," CRED Discussion Paper No. 11, August 1970

Snyder, Wayne W.

"Turkish Economic Development: The First Five Year Plan: 1963-67," Journal of Development Studies, October 1969.

"La Mesure des Effets des Politiques Budgetaires Francaises entre 1955 et 1965," Revue Economique, November 1969.

"Measuring the Effects of Belgian Budget Policies: 1955-1965," Cahiers Economiques de Bruxells, No. 44, 1969.

"Measuring the Effects of Italian Budget Policies: 1955-65," Economia Internazionale (in Italian), November 1969.

"Money in a Developing Economy: A Reappraisal," The Review of Economics and Statistics, February 1970.

"Measuring the Effects of German Budget Policies, 1955-65," Weltwirtschaftliches Archiv, Vol. 104, No. 2, 1970.

"Managing Money and Credit in a Developing Economy," Malayan Economic Review, October 1970.

"Measuring Economic Stabilization," American Economic Review, December 1970.

"The Impact of Social Security, 1955-65," National Tax Journal.

Stolper, Wolfgang F.

"The Long Term Economic Development of Germany." (Review article of W. G. Hoffmann, Das Wachstum der Deutschen Wirtschaft) Weltwirtschaftliches Archiv, Vol. 103, No. 2, 1969, pp. 57-61.

"Economic Growth and Political Instability in Nigeria: On Growing Together Again," in Carl K. Eicher and Cave Liedholm eds., Growth and Development of the Nigerian Economy, Michigan State University Press, 1970, pp. 328-351. (Also CRED Discussion Paper No. 3)

"Two Types of Planning," Schweizerische Zeitschrift für Volkswirtschaft und Statistik, Vol. 106, No. 1, 1970, pp. 45-68.

"Some Considerations concerning the Allocation of Fiscal Resources," Quart. Jour. of Administration (Ife-Ibadan). Jan. 1970, pp. 83-91.

"El Presupuesto como Mecanismo de Asignacion y el Creminiento Economico," Rivista de Ciencias Sociales (Puerto Rico), Vol. XIV, No. 1, Marzo 1970, pp. 57-77.

P. Robson, Economic Integration in Africa, in Economic Journal, Vol. LXXX, March 1970, pp. 147-150.

E. M. Kasalow ed., The Role of Social Security in Economic Development, Journal of Economic Literature Vol. VIII, No. 3, Sept. 1970, pp. 829-833.

Weeks, John W.

Book Review: Manpower Development in Africa by Robert D. Loken in Industrial and Labor Relations Review, pp. 280-282.

September 15, 1970

Center for Research on Economic Development

1969-70

List of Students Supported

<u>Name</u>	<u>Country</u>	
Charles Aho	United States	Research Assistant
Rajaona Andriamananjara	Malagasy	"
Gilbert Bassett	United States	"
Robert Blake	"	"
Louis Currat	Switzerland	"
Adama Diallo	Senegal	Fellowship
Stephen Ettlinger	United States	Fellowship
Animesh Ghoshal	India	Research Assistant
Solomon Gwei	Cameroon	Fellowship
Barry Herman	United States	Research Assistant
Thomas Hutcheson	"	Fellowship
Russell Johnston	"	Research Assistant
Kathleen Kelley	"	"
Michael Kennedy	"	"
Theophile Lukusa	Congo	"
Angelo Mascaro	United States	"
Victor Mesalles	Spain	Fellowship
Cyril Pineau Valenciennes	France	Research Assistant
Vance Senecal	United States	Fellowship
Ronald Silberman	"	"
Bruce Snapp	"	Research Assistant
George Wright	"	"
Steven Zemsky	"	"

Other students who have been given desks and secretarial help:

Isaac Adelema	Nigeria
James Bass	United States
Bruce Benton	"
Arthur Gibb	"
Djamal Mustefai	Algeria
Earl Scott	United States
Per Christian Endsjo	Norway

September 15, 1970

Center for Research on Economic Development

1969-70

Statement of Expenditures

Summary of Expenditures from all Sources

	<u>03463</u>	<u>03464</u>	<u>36209</u>	<u>36263</u>	<u>03461</u>	<u>03469</u>	<u>37471</u>	<u>37466</u>	<u>36429</u>	<u>36431</u>	<u>Total</u>
	<u>AID/CRED</u>	<u>AID/Lib.</u>	<u>Rocke-</u>	<u>Rocke-</u>	<u>AID/</u>	<u>AID/</u>	<u>Ford/</u>	<u>Ford</u>	<u>Ford</u>	<u>Ford</u>	
			<u>feller</u>	<u>feller/</u>	<u>Morocco</u>	<u>Andria-</u>	<u>Africa</u>	<u>Supple-</u>	<u>2 year</u>	<u>Unres-</u>	
				<u>Weeks</u>		<u>mananjara</u>		<u>mentary</u>		<u>tricted</u>	
Salaries											
Academic \$	5,871		35,297	3,667	7,033		18,189		21,900	10,624	102,581
Res. Ass'ts.	4,924				440	3,000	2,400		5,790	1,030	17,584
Non-Academic	3,934		1,268						5,910	3,972	20,084
Emp. Benefits	1,519		5,091		1,047	54	1,868		3,531	1,875	14,985
Fellowships			16,596							5,746	22,342
Travel	673		28,437		781		357		1,643	3,283	35,174
Equipment	817										817
Books		3,003					448	364	1,123		4,938
Supplies	1,405	203	860		142				2,794		5,404
Postage	367				23				375		765
Telephone	486				47				2,166		2,699
Computer Center									303		303
Overhead			5,000		3,560	1,619	2,246	36	5,040		17,501
Total	\$ 19,996	3,206	92,549	3,667	13,013	4,673	25,508	400	50,575	31,530	245,177

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Center for Research on Economic Development

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Statement of Expenditures

Account 36209 - Rockefeller

Salaries

Academic	\$35,297
Non Academic	1,268
Employee Benefits	5,091
Fellowships	16,596
Travel	28,437
Supplies	860
Overhead	<u>5,000</u>
Total	92,549

1969-70

Statement of Expenditures

Account 36263 - Rockefeller/Weeks

(Period: August 1, 1969 - June 30, 1970)

Salaries

Academic	\$ 3,667
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September 15, 1970

Center for Research on Economic Development

1969-70

Statement of Expenditures

Account 03461 - AID/Morocco

(Period: January 1 to March 31, 1970)

Salaries	
Academic	\$ 7,033
Research Assistant	440
Employee Benefits	1,047
Travel	781
Supplies	142
Telephone	47
Postage	23
Overhead	<u>3,560</u>
Total	13,073

1969-70

Statement of Expenditures

Account 03469 - AID/Andriamananjara, Task Order No. 1

(Period: January 1 to December 31, 1970)

January 1 - June 30, 1970

Salaries	
Research Assistant	\$ 3,000
Employee Benefits	54
Overhead	<u>1,619</u>
	4,673

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Center for Research on Economic Development

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Final Statement of Expenditures

Account 37471 - Ford/Africa
(July 1 - December 31, 1969)

Salaries

Academic	\$ 18,189
Research Assts.	2,400
Employee Benefits	1,868
Books	448
Travel	357
Overhead	<u>2,246</u>
Total	25,508

1969-70

Final Statement of Expenditures

Account 37466 - Ford Supplementary
(July 1, - December 31, 1969)

Books	\$ 364
Overhead	<u>36</u>
Total	400

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Statement of Expenditures

Account 36429 - Ford 2 Year Grant

Salaries	
Academic	\$ 21,900
Research Assistants	5,790
Non Academic	5,910
Employee Benefits	3,531
Books	1,123
Travel	1,643
Supplies	2,794
Postage	375
Telephone	2,166
Computer Center	303
Overhead	<u>5,040</u>
Total	50,575

Total Grant	\$ 204,000
1969-70 Expenditures	<u>50,575</u>
Balance 7-1-70	<u>153,425</u>

1969-70

Statement of Expenditures

Account 36431 - Ford (Unrestricted)

Salaries	
Academic	\$ 10,624
Research Assistants	1,030
Non Academic	8,972
Employee Benefits	1,875
Travel	3,283
Fellowships	<u>5,746</u>
Total	31,530

Total Grant	\$ 150,000
1966-67 Expenditures	16,714
1967-68 "	30,875
1968-69 "	39,088
1969-70 "	<u>31,530</u>
Balance 7-1-70	<u>118,207</u>
	31,793

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Statement of Expenditures

Account 03463 - AID/CRED - 211d Grant
(Period: January 1 to June 30, 1970)

Salaries

Academic	\$ 5,871
Research Assistants	4,924
Non Academic	3,934
Employee Benefits	1,519
Travel	673
Equipment	817
Supplies	1,405
Postage	367
Telephone	<u>486</u>
Total	19,996

1969-70

Statement of Expenditures

Account 03464 - AID/CRED/Library - 211d Grant
(Period: January 1 to June 30, 1970)

Books	\$3,003.
Supplies	<u>203</u>
	3,206.

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Center for Research on Economic Development

Summary of Expenditures by Academic Year

(all sources)

1960-61 to 1969-70

	<u>1960-61</u>	<u>1961-62</u>	<u>1962-63</u>	<u>1963-64</u>	<u>1964-65</u>	<u>1965-66</u>	<u>1966-67</u>	<u>1967-68</u>	<u>1968-69</u>	<u>1969-70</u>	<u>Total</u>
Salaries											
Academic	8,173	18,431	12,064	20,480	56,045	60,948	60,203	65,604	81,501	102,581	486,039
Res. Ass'ts.				445	3,426	18,222	11,986	33,363	23,451	17,584	108,477
Non-Academic		186	5,585	9,587	12,635	17,882	11,451	14,065	18,031	20,084	109,506
Employee Ben.	751	1,193	623	1,903	5,979	6,778	7,056	10,015	12,112	14,985	61,395
Fellowships		3,842	11,237	20,935	14,302	18,075	24,490	16,880	12,932	22,342	145,035
Lecturers		235	406	1,000	1,567	945	627	800	300		5,880
Books		85	2,880	1,619	3,571	2,890	2,981	5,144	3,474	4,938	27,582
Travel	698	3,467	4,860	643	6,813	20,682	9,837	11,060	4,584	35,174	97,818
Supplies	1,171	1,333	1,462	3,249	1,993	2,537	1,607	3,039	5,100	5,404	26,895
Postage						306	344	259	481	765	2,155
Telephone					1,522	1,390	1,227	1,345	1,660	2,699	9,843
Equipment	1,827	621	175	3,002	694	1,895		220	1,006	817	10,257
Computer Center									690	303	993
Overhead	<u>2,283</u>	<u>4,919</u>	<u>4,885</u>	<u>7,670</u>	<u>12,939</u>	<u>22,867</u>	<u>10,560</u>	<u>11,040</u>	<u>12,405</u>	<u>17,501</u>	<u>107,069</u>
	14,903	34,312	44,177	70,533	121,495	175,417	142,069	172,834	177,727	245,177	1,198,944