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PROJECT APPRAISAL REPORT (PAR)

1. PROJECT NO. 512-11-660-263-1	2. PAR FOR PERIOD: TO January 70 - March 71	3. COUNTRY Brazil	4. PAR SERIAL NO. (a) IPE Aspect (b) Extension Aspect
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Graduate Economics Education

6. PROJECT DURATION: Began FY <u>58</u> Ends FY <u>72</u>		7. DATE LATEST PROPOSAL <u>10/21/69</u> ✓	8. DATE LATEST PIP <u>2/27/70</u> -	9. DATE PRIOR PAR <u>12/31/69</u> ✓
10. U.S. FUNDING	a. Cumulative Obligation Thru Prior FY: \$ <u>1,013,000</u>	b. Current FY Estimated Budget: \$ <u>501,000</u>	c. Estimated Budget to completion After Current FY: \$ <u>305,000</u>	
11. KEY ACTION AGENTS (Contractor, Participating Agency or Voluntary Agency)				
a. NAME Vanderbilt University			b. CONTRACT . . . ASA OR VOL. AG. NO. ATD/1a-367	

I. NEW ACTIONS PROPOSED AND REQUESTED AS A RESULT OF THIS EVALUATION

A. ACTION (X)			B. LIST OF ACTIONS	C. PROPOSED ACTION COMPLETION DATE
USAID	AID/W	HOST		
			<p>1. <u>Introduction:</u> As a starting point for this evaluation, the PAR team concluded that the Graduate Economics Education project was composed of two distinct purposes that could be and should be analyzed separately. These two purposes are:</p> <ol style="list-style-type: none"> 1. The development of a sound M.A. program in economics at the Institute of Economic Research (IPE) of the University of São Paulo. 2. The improvement of graduate programs in economics at other Brazilian universities, through extension activities organized and coordinated by IPE. <p>The PAR team evaluated progress towards these purposes and presented the PAR as a vehicle for discussion at a Project Review Meeting held on June 1, 1971. The team suggested that the Mission consider three basic options:</p> <ol style="list-style-type: none"> 1. Discontinue USAID support after FY 1972, when the present project purpose will have been achieved: a sound M.A. program at IPE and improved graduate economics programs at other Brazilian institutions. 2. Continue support after FY 1972 for the present project purpose, adding depth and quality improvement. 3. Continue support after FY 1972 for a modified purpose: developing a Ph.D. program at IPE and focusing extension activities on 4-5 other institutions with the capability to develop sound M.A. programs. <p>2. Proposed Actions</p>	

D. REPLANNING REQUIRES						E. DATE OF MISSION REVIEW	
REVISED OR NEW:	<input type="checkbox"/> PROP	<input checked="" type="checkbox"/> PIP	<input type="checkbox"/> PRO AG	<input checked="" type="checkbox"/> PIO/T	<input type="checkbox"/> PIO/C	<input type="checkbox"/> PIO/P	<u>June 1, 1971</u>

PROJECT MANAGER: TYPED NAME, SIGNED INITIALS AND DATE Harold M. Midkiff	MISSION DIRECTOR: TYPED NAME, SIGNED INITIALS AND DATE Robert J. Ballantyne
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ACTION			LIST OF ACTIONS	COMPLETION DATE
USAID	AID/W	HOST		
X			<p>1. USAID group composed of representatives from HRO, PRFC, PREP to visit IPE to discuss the institution, its capabilities, and its development plan. Then to recommend what continued AID support, if any, would be appropriate for IPE. The group should attempt to answer the following questions, among others:</p> <p>a. Is there evidence of a present market demand for Ph.D. economists in Brazil?</p> <p>b. Does IPE have a plan for the development of its Ph.D. program, which addresses curriculum design, faculty requirements, adequacy of facilities, availability of able students, etc?</p> <p>c. What standards should IPE's M.A. program attain before a Ph.D. program is justified?</p>	
X			<p>2. Representatives from HRO, PRFC, and PREP to meet with Werner Baer, Vanderbilt University Professor and Ford Foundation advisor on economics education in Brazil, to discuss graduate programs at IPE and other Brazilian universities, and to become informed about the Ford Foundation's future plans for supporting economics education.</p>	<p>July 15 (already completed)</p>
X			<p>3. PRFC to solicit a decision from AID/Washington about a FY 72 grant (from AID/Washington funds) to IPE for "post-phase-out needs of an LDC institution." Such a grant, if approved, would finance a continuing relationship between IPE, other Brazilian institutions, and U.S. universities - primarily through faculty exchange.</p>	<p>August 15</p>
X			<p>4. Representatives from HRO and PRFC to meet with IPE leadership and Douglas Graham, Vanderbilt Chief of Party to discuss the overseas training program: numerous participants were sent to the U.S. for Ph.D. study without commitments by Brazilian institutions to employ them upon completion of training. As a minimum condition, IPE should systematically cultivate contact and mutual interest in employment between presently uncommitted participants and the key institutions involved in the extension program.</p>	<p>August 15 (to be accomplished during proposed visit to IPE - See Action 1)</p>
X			<p>5. Representatives from HRO, PRFC, and PREP to visit the Federal University of Pernambuco, appraise the post-graduate program in economics (PGTE), and make recommendations to the Mission about the University's request that Professor Fuenzalida remain as advisor to PGTE through December 31, 1972.</p>	<p>August 15</p>

AID 1020-24 (10-70)	PROJECT NO. 265.1 IPE Aspect	PAR FOR PERIOD: TO Jan 70-March 71	COUNTRY BRAZIL	PAR SERIAL NO.
PAGE 2 PAR				

II. PERFORMANCE OF KEY INPUTS AND ACTION AGENTS

A. INPUT OR ACTION AGENT CONTRACTOR, PARTICIPATING AGENCY OR VOLUNTARY AGENCY	B. PERFORMANCE AGAINST PLAN							C. IMPORTANCE FOR ACHIEVING PROJECT PURPOSE (X)					
	UNSATISFACTORY		SATISFACTORY			OUT-STANDING		LOW		MEDIUM		HIGH	
	1	2	3	4	5	6	7	1	2	3	4	5	
1. Vanderbilt University						X						X	
2.													
3.													

Comment on key factors determining rating

Positive:

1. Good relations with host nationals and institutions.
2. Planning and management have been particularly good, with respect to developing institutional strength in IPE.

4. PARTICIPANT TRAINING	1	2	3	4	5	6	7	1	2	3	4	5
				X								X

Comment on key factors determining rating

Positive:

1. Participant selection and nature of training relevant to project needs.

Negative:

1. 11 of the 25 participants (44%) presently in FAD training do not have commitments to return to teaching positions at IPE, or at any other Brazilian economics center. (Cont'd)

5. COMMODITIES	1	2	3	4	5	6	7	1	2	3	4	5
						X					X	

Comment on key factors determining rating

Positive:

- Books and reference materials are being put to appropriate use.

6. COOPERATING COUNTRY	a. PERSONNEL	1	2	3	4	5	6	7	1	2	3	4	5
	b. OTHER							X					X

Comment on key factors determining rating

Positive:

1. Counterpart acceptance of and association with project purpose.
2. Superior nature of IPE organization.

7. OTHER DONORS	1	2	3	4	5	6	7	1	2	3	4	5
Ford Foundation						X						X

AID 1020-25(10-70)	PROJECT NO. 263.1	PAR FOR PERIOD:	COUNTRY	PAR SERIAL NO.
PAGE 3 PAR	IPE Aspect	Jan 70-March 71	Brazil	

II. 7. Continued: Comment on key factors determining rating of Other Donors

Recognition of objectives shared with A.I.D.

III. KEY OUTPUT INDICATORS AND TARGETS

A. QUANTITATIVE INDICATORS FOR MAJOR OUTPUTS		TARGETS (Percentage/Rate/Amount)					
		CUMULATIVE PRIOR 70	CURRENT 71		72	73	END OF PROJECT
			TO DATE	TO END			
Returned participant M.A.'s	PLANNED	6	8	10	10	-	10
	ACTUAL PERFORMANCE	5	6				
	REPLANNED			7 MA	7 MA	7 MA	7 MA
Returned participant PhD's	PLANNED	1	3	6	12	12	12
	ACTUAL PERFORMANCE	1	2				
	REPLANNED			3	7	14 Econ. 2 C.S. 1 P.Ad.	26 Econ. 2 C.S. 1 P.Ad.
Expanded and upgraded library (number of books)	PLANNED	3,200	3,300	3,600	4,000	-	4,000
	ACTUAL PERFORMANCE	3,778	3,900				
	REPLANNED			4,000	4,250	-	4,250
Student Enrollment in M.A. program	PLANNED	30	30	32	40	-	40
	ACTUAL PERFORMANCE	30	39				
	REPLANNED			40	40	40	40
B. QUALITATIVE INDICATORS FOR MAJOR OUTPUTS		COMMENT:					
1. Development and implementation of MA level curriculum		Target: Begin to award 10 to 12 MA's annually by June 70. Comment: Three-semester program initiated in January 70, with enrollment of 10 students in third semester					
2. Development of research capacity		COMMENT: Target: Research to be an integral part of IPE program. Comment: 10/15 full-time staff engaged in research. Several M.A. theses will be published in IPE's Economic Journal. Contractor believes research has brought many side benefits to the project and					
3.		COMMENT: has illustrated the application of theory to practical problems					

AID :020-25(10-70)	PROJECT NO. 263.1	PAR FOR PERIOD: Jan 70-March 71	COUNTRY Brazil	PAR SERIAL NO.
PAGE 3 PAR	Extension Aspect			

II. 7. Continued: Comment on key factors determining rating of Other Donors

III. KEY OUTPUT INDICATORS AND TARGETS

A. QUANTITATIVE INDICATORS FOR MAJOR OUTPUTS		TARGETS (Percentage/Rate/Amount)					
		CUMU- LATIVE PRIOR FY	CURRENT FY 71		FY 72	FY 73	END OF PROJECT
			TO DATE	TO END			
<u>Returned Participants:</u> MA's and PhD's	PLANNED	30	40	45	50	50	50
	ACTUAL PERFORM- ANCE	9	14				
	REPLANNED			26	31	40	44
<u>Improved Teacher Competence:</u> Nº of refresher training seminars/Nº of participating professors (cumulative)	PLANNED	2/21	3/36	9/126	15/216	21/306	21/306
	ACTUAL PERFORM- ANCE	2/24	3/36				
	REPLANNED			9/126	15/216	21/306	21/306
<u>Improved Curriculum:</u> Nº of short intensive courses nº of institutions served (not cumulative)	PLANNED	x/6	x/9	x/12	x/12	x/12	-
	ACTUAL PERFORM- ANCE	24/7	14/6				
	REPLANNED			17/6	x/6	x/6	-
<u>Expanded and Upgraded Libraries</u> (number of books)	PLANNED	2,800	3,500	5,600	7,000	-	7,000
	ACTUAL PERFORM- ANCE	4,260	4,400				
	REPLANNED			4,700	5,450	-	5,450
B. QUALITATIVE INDICATORS FOR MAJOR OUTPUTS	COMMENT:						
1.							
2.	COMMENT:						
3.	COMMENT:						

AID 1020-25 (10-70)	PROJECT NO. 263.1	PAR FOR PERIOD:	COUNTRY	PAR SERIAL NO.
PAGE 4 PAR	Extension Aspect	Jan 70 - March 71	Brazil	

IV. PROJECT PURPOSE

A. 1. Statement of purpose as currently envisaged.

2. Same as in PROP? YES NO

Strengthen graduate economics programs at selected institutions other than IPE.

<p>B. 1. Conditions which will exist when above purpose is achieved.</p> <p>1. Competent graduate programs in economics being offered at up to 12 Brazilian institutions, other than IPE.</p> <p>2. Upgraded staff in graduate schools of economics at selected Brazilian institutions, other than IPE.</p>	<p>2. Evidence to date of progress toward these conditions.</p> <p>1a. Four institutions assisted by project (FGV, (Rio) CEDEPLAR (Belo Horizonte), CAEN (Fortaleza), Univ. of Pernambuco (Recife) currently seeking accreditation of M.A. Economics programs; three others (Univ. Bahia, Fed. Univ. Rio Grande do Sul, Univ. Paraná) offering graduate certificates in economics.</p> <p>1b. Short intensive courses during 1970 and 1971 were concentrated at eight institutions: CAEN=10, Univ. of Pernambuco=7, Univ. Bahia=4, Univ. of Brasilia=4, Fed. Univ. Rio Grande do Sul=4, Univ. of Pará=2, Univ. Paraná=2, Univ. Santa Catarina=1.</p> <p>2. Project resources concentrated on staff development of selected institutions:</p> <p>a. 60% of participants selected from FGV, CEDEPLAR, and CAEN (average of 7 participants each)</p> <p>b. 67% of books supplied to seven institutions: CEDEPLAR 18%, FGV=13%, CAEN=137%, Univ. Pernambuco=11%, Univ. Bahia=6%, Fed. Univ. Rio Grande do Sul =3%, Univ. Pará = 3%</p> <p style="text-align: right;">(Cont.)</p>
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V. PROGRAMMING GOAL

A. Statement of Programming Goal

Develop well qualified economists to meet public and private demand.

B. Will the achievement of the project purpose make a significant contribution to the programming goal, given the magnitude of the national problem? Cite evidence.

Although the program is still in the early stages of its development, IPE, FGV, CEDEPLAR, Un. Pernambuco, CAEN, Un. Bahia, Un. R.G. do Sul and Un. Paraná are now offering MA or graduate level certificate programs and the Un. of Brasilia should offer a similar program by 1972.

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PAGE 4 PAR	IPE Aspect	Jan 70-March 71	Brazil	1

IV. PROJECT PURPOSE

A. 1. Statement of purpose as currently envisaged.

2. Same as in PROP? YES NO

To develop a sound M.A. Program in economics at the Institute of Economic Research (IPE) at the University of São Paulo (USP).

B. 1. Conditions which will exist when above purpose is achieved.	2. Evidence to date of progress toward these conditions.
1. A full-time qualified IPE Staff of at least 14 professors by December 31, 1971, with enough pipeline to increase staff to 20 by FY ^o 1973.	1a - 15 full-time staff as of Jan. 31. Nine well trained abroad. Pipeline contains 2 M.A.'s, 14 Ph.D's. Present proposal for 6 new Ph.D. participants.
2. 10-12 M.A. degrees awarded annually.	b - Of 15 staff-members: 1 Ph.D., 2 ABD's, 6 M.A.'s trained abroad.
3. Graduates are competent economists.	2. 7 M.A. degrees awarded December 1970.
4. IPE performing important research functions.	3. Cannot document, 5/7 continuing studies in U.S. towards Ph.D.
5. Assured funding to sustain the M.A. program.	4a - Research contracts are financing an increasing share of the IPE budget. 1969 - 21% 1970 - 27% 1971 - 32%
	b - IPE has important clients, including the Ministry of Finance, the S. Paulo Planning Secretariat, etc.
	5 - IPE Budget of June, 1970 indicates that Brazilian sources will finance 84% of its budget in 1971, compared with 50% in 1969.

V. PROGRAMMING GOAL

A. Statement of Programming Goal

Develop well-qualified economists to meet public and private demand.

B. Will the achievement of the project purpose make a significant contribution to the programming goal, given the magnitude of the national problem? Cite evidence.

Developments are too recent to be conclusive. Only one class of M.A. degree-holders has graduated from IPE. However, the IPE research program has already made competent economists available to important public sector agencies.

PART II - The Extension Program

AID 1020-25 (10-70) PAGE 2 PAR	PROJECT NO.	PAR FOR PERIOD: TO	COUNTRY	PAR SERIAL NO.
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II. PERFORMANCE OF KEY INPUTS AND ACTION AGENTS

A. INPUT OR ACTION AGENT CONTRACTOR, PARTICIPATING AGENCY OR VOLUNTARY AGENCY	B. PERFORMANCE AGAINST PLAN							C. IMPORTANCE FOR ACHIEVING PROJECT PURPOSE (X)				
	UNSATISFACTORY		SATISFACTORY			OUTSTANDING		LOW	MEDIUM		HIGH	
	1	2	3	4	5	6	7	1	2	3	4	5
1. <u>Vanderbilt University</u>					X				X			
2.												
3.												

Comment on key factors determining rating

Positive

Vanderbilt's planning and management, relations with host nationals, management of commodities and administration of participants have been superior. Professor Fuenzalida, the long-term advisor provided through the Vanderbilt Contract to the Federal University of Pernambuco, has been especially effective in curriculum development, thesis guidance, and establishment of a research program.

4. PARTICIPANT TRAINING			X										X
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Comment on key factors determining rating

Negative

- Better orientation of trainees is desirable; returned participants could help in orientation.
 - Institutions participating in the extension program have had a limited availability of well-qualified candidates for overseas study.
- (Cont'd)

5. COMMODITIES						X						X	
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Comment on key factors determining rating

Positive

The modest supply of books has made an important qualitative and quantitative addition to the relatively small library collections at participating institutions.

6. COOPERATING COUNTRY	a. PERSONNEL	IPE							1	2	3	4	5
		1	2	3	4	5	X	7					
	Participating institutions					X							X
	b. OTHER / Cooperation w/GOI												X
	Adequacy of funding, Capacity to sustain					X				X			

Comment on key factors determining rating

Positive

- IPE rates superior on competence, leadership, implementation, planning, management, and acceptance of project purpose.

7. OTHER DONORS	<u>SUBIN;</u> <u>Ford Foundation</u>						X						X
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(See Next Page for Comments on Other Donors)

ACTION			LIST OF ACTIONS	COMPLETION DATE
USAID	AID/W	HOST		
X			<p>1. USAID group composed of representatives from HRO, PRPC, PREP to visit IPE to discuss the institution, its capabilities, and its development plan. Then to recommend what continued AID support, if any, would be appropriate for IPE. The group should attempt to answer the following questions, among others:</p> <p>a. Is there evidence of a present market demand for Ph.D. economists in Brazil?</p> <p>b. Does IPE have a plan for the development of its Ph.D. program, which addresses curriculum design, faculty requirements, adequacy of facilities, availability of able students, etc?</p> <p>c. What standards should IPE's M.A. program attain before a Ph.D. program is justified?</p>	
X			<p>2. Representatives from HRO, PRPC, and PREP to meet with Werner Baer, Vanderbilt University Professor and Ford Foundation advisor on economics education in Brazil, to discuss graduate programs at IPE and other Brazilian universities, and to become informed about the Ford Foundation's future plans for supporting economics education.</p>	July 15 (already completed)
X			<p>3. PRPC to solicit a decision from AID/Washington about a FY 72 grant (from AID/Washington funds) to IPE for "post-phase-out needs of an LDC institution." Such a grant, if approved, would finance a continuing relationship between IPE, other Brazilian institutions, and U.S. universities - primarily through faculty exchange.</p>	August 15
X			<p>4. Representatives from HRO and PRPC to meet with IPE leadership and Douglas Graham, Vanderbilt Chief of Party to discuss the overseas training program: numerous participants were sent to the U.S. for Ph.D. study without commitments by Brazilian institutions to employ them upon completion of training. As a minimum condition, IPE should systematically cultivate contact and mutual interest in employment between presently uncommitted participants and the key institutions involved in the extension program.</p>	August 15 (to be accomplished during proposed visit to IPE - See Action 1)
X			<p>5. Representatives from HRO, PRPC, and PREP to visit the Federal University of Pernambuco, appraise the post-graduate program in economics (PGTE), and make recommendations to the Mission about the University's request that Professor Fuenzalida remain as advisor to PGTE through December 31, 1972.</p>	August 15

PART I

Continuation Sheet

II.A.4. - Participant Training

2. More participants were sent by IPE for Ph.D. study than were planned in the PIP, dated February 27, 1970. (26 instead of 12). The number sent seems much greater than the development of a sound M.A. program warrants. However, this criticism is mitigated by the probability that many of these trainees, and some of the ones without existing commitments, will eventually join the teaching staffs of other institutions participating in the extension program.

3. Several participants financed under the project will make little or no contribution to the project purpose, e.g., 8 M.B.A. and 1 D.B.A. participants sponsored by IPE.

PROJECT LOGICAL FRAMEWORK

Project Title: Graduate Economics Education, Part I - M.A. Program at IPE

NARRATIVE SUMMARY	OBJECTIVELY VERIFIABLE INDICATORS
<p>Program of Social Goals:</p> <p>Develop well-qualified economists to meet public and private demand.</p>	<p>Measures of Goal Achievement:</p> <p>Trained Brazilian economists are occupying key professional positions.</p>
<p>Project Purpose:</p> <p>To develop a sound M.A. program in economics at the Institute of Economic Research (IPE) at the University of São Paulo - (USP).</p>	<p>Conditions Expected at End of Project:</p> <ol style="list-style-type: none"> 1. A full-time qualified IPE staff of at least 14 professors by Dec. 31, 1971, with enough pipeline to increase staff to 20 by FY 1973. 2. 10-12 M.A. degrees awarded annually 3. Graduates are competent economists. 4. IPE performing important research functions. 5. Assured funding to sustain the M.A. program.
<p>Outputs:</p> <ol style="list-style-type: none"> 1. Participants return with degrees 2. Expanded and upgraded library. 3. Development and implementation of an M.A. level curriculum. 4. Development of research capacity. 5. Student enrollment. 	<p>Magnitude of Outputs:</p> <ol style="list-style-type: none"> 1. 8 return M.A. by Dec. 1970 2 " " by Dec. 1971 3 return with Ph.D. by Dec. 1970 3 " " " by Dec. 1971 6 " " " by Dec. 1972 2. Four thousand books plus journals 3. Curriculum developed and in use. 4. Research an integral part of IPE program. 5. 40 students in M.A. program by FY 72
<p>Inputs:</p> <ol style="list-style-type: none"> 1. Foreign professors: <ol style="list-style-type: none"> (a) teaching courses and counselling graduate students at IPE (b) Advising IPE on planning, research and administration (c) giving seminars and special lectures (d) developing teaching skills in counterparts 2. Participant training in the U.S. for <ol style="list-style-type: none"> (a) M.A. Economics (b) Ph.D. Economics 3. Books and journals 	<p>Implementation Schedule (Target Dates):</p> <ol style="list-style-type: none"> 1. 2 Visiting professors through Dec. 1971. 2. 10 m.m. of short-term professors lecturing and advising at IPE. 3. Participant training: <ol style="list-style-type: none"> a) 10 M.A. candidates in training as of Jan., 70 b) 12 Ph.D. candidates in training as of Jan., 70 4. \$20,000 for books and journals (cont.) <p>(Refer to FIP, dated February 27, 1970.</p>

PROJECT LOGICAL FRAMEWORK

In Period Jan. 70 to March 71

Done Prepared January, 1970

IMPORTANT ASSUMPTIONS	MEANS OF VERIFICATION
<p>There is need for highly trained economists.</p>	<p>1 - Placement experience of IPE graduates. 2 - Sample of market demands for economists. 3 - Assessment by Brazilian Economists' Association.</p>
<p>1 - Monetary and other inducements sufficient to retain high percentage of staff. 2 - Continued and increased need for contracted economic research. 3 - USP will continue the necessary support for the graduate economics program at IPE.</p>	<p>1 - a) Personnel records b) Academic credentials c) Contractors assessment d) Reputation among colleagues 2 - Degrees granted 3 - a) Placement records b) Job offers per graduate c) Indicators of success in employment 4 - a) Number and magnitude of research contracts b) Growth trend in contracts c) Clients' opinion of completed research</p>
<p>1 - USP will employ returned trainees. 2 - Student knowledge of foreign languages adequate for use of library. Vanderbilt University assures adequacy and relevance of library addition. IPE has adequate library staff and facilities. 3 - IPE MA Econ. Program is accredited. 4 - Ford Foundation inputs, supplemented by USAID, are sufficient to produce research output. 5 - Sufficient number of high quantity students available.</p>	<p>5 - a) Examination of IPE budget b) USP policy towards IPE 1 - Personnel records 2 - Library accession records - Library catalogue 3 - a) Contractor's assessment b) Independent Mission assessment 4 - a) Publication of theses b) Contract assessment and independent Mission assessment c) Number of staff and percentage of staff time devoted to research 5 - Registration records</p>
<p>1 - Continuation of Congressional support and availability of USAID funds 2 - Contractor will continue to be able to supply high quality services 3 - IPE can furnish the required number of high quality Participant candidates 4 - The Ford Foundation will provide the following inputs: a) at least one research professor through Dec 1971 b) funds for topping off faculty</p>	<p>AID Documentation Contract PIO/T's PIO/P's Contractor Reports PRPT Reports etc.</p>

PART II

Continuation Sheet

II.A.4 - Participant Training

3. Large proportion (23%) of trainees from participating institutions have no commitment to return to their sponsoring institution. However, the Department of Economics at the University of Brasilia has already made contact with some of these uncommitted students, in hope of recruiting them to its faculty.

4. Fewer trainees have been sent to the U.S. for study from the participating institutions than were initially planned. It is possible, however, that some of the trainees sponsored by IPE will actually be attracted to teaching positions at other Brazilian institutions.

IV. B.

3. Extension activities have become a viable program, capable of continuing without U.S. support.

3. IPE plans to continue and intensify extension program. By Jan. 31, 1971, IPE had full-time staff of 15, plus 14 persons in Ph.D. courses in the U. S.

CEDEPLAR, FGV, and CAEN have agreed to cooperate in offering training programs. During 1971, 40% of the staff at the short courses will be provided from these other institutions and one-half at the refresher training seminars will be presented at CEDEPLAR and CAEN.

Some recipient institutions have agreed to finance part of the cost of the extension program; others are expected to do so. During 1971, 30% of the cost of the short courses will be financed in this way.

INFORMATION ASSUMPTIONS

There is need for highly trained economists.

1. Willingness of institutions to seek assistance in developing improved graduate economics programs.
2. Monetary and other inducements sufficient to retain high percentage of staff.
3. Sufficient number of high-quality economics students available.

1. The participating institutions will employ returned trainees.
2. Participating institutions will encourage faculty and economics students to attend seminars and short courses.
3. Vanderbilt professors and IPE staff will assure adequacy and relevance of library additions.
4. Participating institutions have adequate library staff and facilities.

1. Continuation of Congressional support and availability of USAID funds.
2. Participating institutions can furnish the required number of high quality participant candidates.
3. IPE will be able to commit staff time to extension activities: short courses, refresher training seminars, and consultation.

MEANS OF VERIFICATION

1. Placement experience of econ. graduates.
2. Sample of market demands for economists.
3. Assessment by Brazilian Economists' Association.

1. a) Institution of graduate program
b) Accreditation of graduate program
c) Institutions improve their reputation among Brazilian economic fraternity.
d) Degrees or certificates awarded.
2. a) Academic credentials
b) Contractors assessment
c) Reputation among colleagues
d) Participant Training Records
3. a) IPE intent to continue committing staff resources to the extension program.
b) Evidence of continuing interest and participation by other Brazilian institutions.
c) Availability of program finance from Brazilian sources.

1. Personnel records
2. a) IPE seminar attendance records
b) Opinion of seminars' value by attending professors and by their sponsoring institution
3. a) IPE records
b) Opinion of short courses by Department Heads and professors at institutions where courses were presented.
4. a) Vanderbilt shipping lists
b) Library accession records
c) Library catalogue

AID Documentation:
Contract
PIO/T's
PIO/P's
Contractor Reports
PRPT Reports
etc.

Program or Sectoral Goal:

Develop well-qualified economists to meet public and private demand.

Measures of Goal Achievement

Trained Brazilian economists are occupying key professional positions.

Project Purpose:

Strengthen graduate programs of economics at Brazilian institutions other than IPE, through extension activities organized and coordinated by IPE.

Conditions Expected at End of Project:

1. Competent graduate programs in economics being offered at up to 12 Brazilian institutions, other than IPE;
2. Upgraded staff in graduate schools of economic at selected Brazilian institutions, other than IPE.
3. Extension activities have become a viable program, capable of continuing without U.S. support.
4. Common academic standards have been established at participating institutions.

Outputs:

1. Participants return with degrees.
2. Improved teacher Competence
3. Improved Curriculum
4. Expanded and upgraded library.

Magnitude of Outputs:

1. Participants
 - 40 return with M.A. or Ph.D. by Dec. 1970 *
 - 5 return with M.A. or Ph.D. by Dec. 1971
 - 5 return with M.A. or Ph.D. by Dec. 1972
2. 36 professors to receive refresher training through IPE seminars by Dec. 1970; 12 institutions to be served.
3. Short intensive courses on M.A. level curriculum subjects to be offered at 9 institutions by Dec. 1970; at 12 by Dec. 1971.
4. Seven thousand books plus journals added to libraries of participating institutions.

Inputs:

1. Participant training in the U.S. for
 - (a) M.A. Economics
 - (b) Ph. D. Economics
2. One long-term foreign advisor at Federal University of Pernambuco,
3. Foreign professors, on short-term basis
 - (a) Lecture on specialized economics topics
 - (b) Participate in offering short intensive courses and refresher training seminars.
 - (c) Advise institutions on curriculum development, research, etc.
4. Books and journals

Implementation Schedule (Target Dates):

1. Participant training:
 - (a) 30 participants studying for M.A. or Ph.D. by Jan. 1970.
 - (b) 10 more participants to be sent for Ph.D. or M.A. study during 1970.
2. Continuing service through December 1971.
3. Approximately 4 man-months of short-term consultant services.
4. \$35,000 for books and journals (cumulative)

(Refer to PIP, dated February 27, 1970)

* This output figure, estimated in the PIP 2/27/70, was not realistically related to the

There is need for highly trained economists.

1. Placement experience of econ. graduates.
2. Sample of market demands for economists
3. Assessment by Brazilian Economists' Association.

1. Willingness of institutions to seek assistance in developing improved graduate economics programs.
2. Monetary and other inducements sufficient to retain high percentage of staff.
3. Sufficient number of high-quality economics students available.

1. a) Institution of graduate program
b) Accreditation of graduate program
c) Institutions improve their reputation among Brazilian economic fraternity.
d) Degrees or certificates awarded.
2. a) Academic credentials
b) Contractors assessment
c) Reputation among colleagues
d) Participant Training Records
3. a) IPE intent to continue committing staff resources to the extension program.
b) Evidence of continuing interest and participation by other Brazilian institutions.
c) Availability of program finance from Brazilian sources.

1. The participating institutions will employ returned trainees.
2. Participating institutions will encourage faculty and economics students to attend seminars and short courses.
3. Vanderbilt professors and IPE staff will assure adequacy and relevance of library additions.
- Participating institutions have adequate library staff and facilities.

1. Personnel records
2. a) IPE seminar attendance records
b) Opinion of seminars' value by attending professors and by their sponsoring institution.
3. a) IPE records
b) Opinion of short courses by Department Heads and professors at institutions where courses were presented.
4. a) Vanderbilt shipping lists
b) Library accession records
c) Library catalogue

1. Continuation of Congressional support and availability of USAID funds.
2. Participating institutions can furnish the required number of high quality participant candidates.
3. IPE will be able to commit staff time to extension activities: short courses, refresher training seminars, and consultation.

AID Documentation:

- Contract
- PIO/T's
- PIO/P's
- Contractor Reports
- PRPT Reports
- etc.

PROJECT LOGICAL FRAMEWORK

Evaluation

for Period Jan. 70 to March 71

Date Prepared January, 1970

IMPORTANT ASSUMPTIONS	MEANS OF VERIFICATION
<p>There is need for highly trained economists.</p>	<p>1 - Placement experience of IPE graduates 2 - Sample of market demands for economists. 3 - Assessment by Brazilian Economists' Association.</p>
<p>1 - Monetary and other inducements sufficient to retain high percentage of staff. 2 - Continued and increased need for contracted economic research. 3 - USP will continue the necessary support for the graduate economics program at IPE.</p>	<p>1 - a) Personnel records b) Academic credentials c) Contractors assessment d) Reputation among colleagues 2 - Degrees granted 3 - a) Placement records b) Job offers per graduate c) Indicators of success in employment 4 - a) Number and magnitude of research contracts b) Growth trend in contracts c) Clients' opinion of completed research</p>
<p>1 - USP will employ returned trainees. 2 - Student knowledge of foreign languages adequate for use of library. Vanderbilt University assures adequacy and relevance of library addition. IPE has adequate library staff and facilities. 3 - IPE MA Econ. Program is accredited. 4 - Ford Foundation inputs, supplemented by USAID, are sufficient to produce research output. 5 - Sufficient number of high quantity students available.</p>	<p>5 - a) Examination of IPE budget b) USP policy towards IPE 1 - Personnel records 2 - Library accession records - Library catalogue 3 - a) Contractor's assessment b) Independent Mission assessment 4 - a) Publication of theses b) Contract assessment and independent Mission assessment c) Number of staff and percentage of staff time devoted to research 5 - Registration records</p>
<p>1 - Continuation of Congressional support and availability of USAID funds 2 - Contractor will continue to be able to supply high quality services 3 - IPE can furnish the required number of high quality Participant candidates 4 - The Ford Foundation will provide the following inputs: a) at least one research professor through Dec 1971 b) funds for forming off faculty</p>	<p>AID Documentation Contract PIO/T's PIO/P's Contractor Reports PRPT Reports etc.</p>