

## CURRENT RESEARCH INVENTORY

versidad del Valle (C). Schizophrenic Speech.

A study is being made of the structural differences in syntax of schizophrenics and "normals." The data for the Colombian subjects have been gathered. The same type of data will be gathered from North American subjects in New Orleans. The objective of the study is to determine differences or similarities in the syntax of schizophrenics cross-culturally. Began, June 1965. Continuing./International Center for Medical Research and Training.

### *Economics*

495. FRANK KELLER. National Planning in Latin America.

Will analyze the role assigned to natural resource development in national development plans and programming. Supplemental research at CEPAL and the Latin American Institute of Economic and Social Planning. Began, 1962. In progress.

496. ———. Central American Regional Integration.

Will analyze the impact of regional economic integration in Central America on the development and mobility of natural resources. A preliminary article has appeared in the *Journal of Latin American Studies* (1963). Began, 1962.

### *History*

497. THOMAS L. KARNES. Origins and Early Development of the Central American Common Market.

This study will stress the political and economic relations of the Central American Common Market with the U.S. This is one segment of a larger study of the impact of United States-Central American economies upon their political relations. In preparation. Began, 1965.

### *Literature*

498. OTTO OLIVERA. La Literatura en Publicaciones Periódicas de Guatemala (Siglo XIX).

This study will include at least seventeen periodical publications, from the *Gazeta de Guatemala* (1797-1811) to *Guatemala ilustrada* (1892-1894). In preparation. Began, spring 1961.

499. DANIEL WOGAN. The Portuguese translations of Grey's *Elegy*.

The Portuguese translations of this famous English poem have not been collected; however, five such translations have been discovered so far. The literary quality of these will be studied and their possible influence on Luso-Brazilian poetry discussed. Supplemental research in libraries of Portugal and the U.S. in 1966. Began, 1964. In progress.

500. ———. Spanish and Spanish American Literature in Portugal.

This is a study of the reception and diffusion of Spanish and Spanish American literature in Portugal from about 1800 to 1960. The bibliographical section will include material on literary history, criticism and translations. The section dealing with Spanish and Spanish American literature in Portuguese serials will be ready for publication in 1966 or early 1967. Supplemental research will be done in Spain, Portugal and the U.S. in 1967. Began, 1960. In progress./Tulane Council on Research

### *Sociology*

501. L. A. COSTA-PINTO (Visiting Professor). A Comparative Analysis of the Patterns of Development of Brazil and Argentina in the 20th Century.

Began, March 1963. In progress./Universidad de Buenos Aires; Universidade do Brazil

## U.S.-INSTITUTIONAL LISTING (MIDWEST)

### ANTIOCH COLLEGE

#### *Sociology*

502. RAYMOND L. GORDEN. Non-linguistic Barriers to Cross-Cultural Communications: USA-Latin America. (77)

ASSOCIATED COLLEGES OF THE MIDWEST (Beloit, Carleton, Coe, Cornell, Grinnell, Knox, Lawrence, Monmouth, Ripon, St. Olaf)

#### *Interdisciplinary*

ACM/CA. L. HOLDRIDGE, J. R. HUNTER, E. M. SHOOK, J. A. TOSI, J. A. LINES, M. A. MUÑOZ, MICHAEL OLIEN and students (O). Tropical Science Center (C). Central American Field Program.

The chief aim of this program is to utilize the varied tropical environment of Central America as a laboratory in which to pursue a line of study in several different disciplines (economics, geography, geology, anthropology, botany, archaeology, zoology and sociology), which are all related through the discipline of

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"ecology"; more specifically, the Holdridge Life Zone Ecological Classification. Began, 1962. Continuing./NSF

*Individual Projects*

503. GEORGE GEBHART. Relationships Between Ecological Life Zones and Various Economic Variables.

The variables taken into consideration will be farm technology, productivity, and management. The object is to determine whether the Life Zone system might provide a useful basis for economic decision-making in tropical areas.

504. STANLEY HETZLER. Principles of Social and Technological Development.

This will be made into a text which treats both types of general problems in development of the emerging nations and draws together into a single framework social, economic, and technological theory in the formulation of a theory of the explanation of technological growth.

505. L. R. HOLDRIDGE. Investigation into the Relationships between Vegetation (Forest) Associations within Individual Ecological Life Zones.

Of particular interest are the edaphic, atmospheric, hydric and climatic associations and combinations thereof.

506. J. ROBERT HUNTER. The Botany, Ecology and Management of the Pejibaye Palm.

507. J. A. TOSI, JR. JOHN EWEL, ARNOLDO MADRIZ (O). IICA and OAS (C). Climatic Life Zone Ecology.

A life zone map (ecological map) of Venezuela at 1:1,000,000 scale based upon the Holdridge Life Zone Classification scheme has been completed from extensive field work. This map will be published in early 1966 along with a descriptive monograph, by the Dirección de Investigaciones of the Ministerio de Agricultura y Cría de Venezuela, Caracas. This map is directly comparable with similar maps, already published, for Peru, Colombia, Ecuador, and Central America. Began, January 1963. Completed, July 1965./Venezuelan government; OAS

BELOIT COLLEGE

*Anthropology*

508. ANDREW HUNTER WHITEFORD (Logan

Museum of Anthropology). Research in Oaxaca City, Mexico.

Research and field training. One part published by Doubleday in 1962. Began, 1949. Continuing./SSRC/ACLS; Wenner-Gren; NSF; Boyer

BOWLING GREEN UNIVERSITY

*Bibliography*

509. ALLEN D. BUSHONG. Doctoral Dissertations on Latin American Topics.

The current project is an updating of the previous study undertaken by the researcher and Mr. Kidder (University of Puerto Rico) for the PAU: *Theses on Pan American Topics*, 1962. The present study will include material from the 1962 study plus information on dissertations through academic year 1964-65.

*Geography*

510. ———. The Forest Resources of British Honduras. (417)

UNIVERSITY OF CHICAGO

*Anthropology*

511. PAUL FRIEDERICH. The Tarrascan Area. A study of the fiesta cycle and how it has been affected during the past 30 years by internal politics, with specific reference to agrarian reform program. EDC unknown.

512. ESTER HERMITE. The Nature of Witchcraft in Chiapas. EDC unknown.

513. ROBERT A. LEVINE. ROBERT D. HESS (C). A Cross Cultural Study of Ethnocentrism. The study deals with the ways in which human behavior varies in different cultural settings. Present research interests are reflected in comparative studies of adolescents in South and North America.

514. JULIAN PITT-RIVERS. Research on Race Relations. Emphasis of this on-going research is on Mexico and Peru.

515. IRWIN PRESS. GLORIA PRESS (O). Cultural Continuity and Innovation. Research into factors for maintenance of cultural "conservatism" in the face of potentially disruptive outside contact. Area of research is in Yucatán, Mexico. Supplemental research on ritual kinship of Puerto Rican migrants was made during the summer of 1962 in Chicago.

An article appeared in the spring 1965 edition of *Human Organization*. In preparation. Began, September 1963. Research terminated, October 1964./Interuniversity Committee for Behavioral Science Training in Yucatan (which in turn received Ford Foundation aid)

516. SOL TAX. ROBERT HINSHAW (O). *Idea Systems: Degrees of Abstraction*.

Research on idea systems in primitive societies with emphasis on Guatemala. Began, 1963. /NIMH; NSF

#### *Economics*

517. A. C. HARBERGER AND LARRY SJAASTAD. MIGUEL SIDMUSKI, MORRIS TEUBAL, MARCELO SELOWSKY (O). *Latin American Economic Studies*.

Research on the problems of inflation and public expenditures; development project appraisal; analysis of costs and returns to investment in education and in agricultural research and extension; public enterprise pricing; social security systems. Began, October 1965. In progress. /Ford Foundation

#### *Education*

518. ERWIN H. EPSTEIN. *Value Orientation and Second-Language Learning*.

Analysis of the effects of ecology, social class, linguistic environment, sex, and mobility orientation on attitudes in learning English as a second language. Research will focus on Puerto Rico. In preparation. Began, July 1964. /U.S. Office of Education

519. PHYLLIS GOLDBLATT. *Education in Relation to Social and Economic Change in Mexico*.

The purpose of this research is to relate educational changes in a country successfully undergoing economic development to other social changes. Data is derived mainly from Mexican censuses (1930-1960). Demographic, economic, cultural, and educational items were selected and structured along urban-rural, state, and regional lines. The study focuses on the processes of diffusion: relations between the spread of educational and economic advances, particularly among the regions of the country. Began, 1964. EDC, 1966./Comparative Research Program, U.S. Office of Education

520. ROBERT HAVIGHURST. *Education and*

*Socio-Economic Development in Transitional Societies*.

The project in Brazil focuses on the relationship between education and occupational choice. Data to be gathered on education, economic and social structure in Rio or São Paulo, with field work in several regional cities. A study of resources of education in Argentina, Mexico, Costa Rica, West Indies and possibly Chile, Venezuela, and Panama is another part of this project. (A third part is being carried out in Africa.) Began, May 1962. Continuing./Carnegie Corporation of New York (\$240,000)

#### *History*

521. HERBERT S. KLEIN. *Origins of the Bolivian National Revolution: Parties, Politics and War, 1920-1943*.

This study was based on field trips taken in 1960-61 and 1963 to Bolivia. The ms. is presently under consideration for publication; however, several articles from this work have been published in separate form: (1) *American Oil Companies in Latin America: The Bolivian Experience*, *Inter-American Economic Affairs* 18, 2:47-72; (2) *The Creation of the Patiño Tin Empire*, *Inter-American Economic Affairs* 19, 2:3-23; (3) *David Toro and the Establishment of 'Military Socialism' in Bolivia*, *Hispanic American Historical Review* XLV, 1:25-52; (4) *German Busch and the Era of 'Military Socialism' in Bolivia*, accepted for publication in the HAHR as the second and concluding study of the military socialist regimes in Bolivia (1936-1939); (5) *Social Constitutionalism in Latin America: The Bolivian Experiment of 1938*, accepted for publication in *The Americas*. Completed, September 1964./Doherty Fellowship; Fulbright Travel Grant

522. ———. *Slavery in the Americas: A Comparative Study of Cuba and Virginia*.

This ms. is presently under consideration for publication. An article entitled *Anglicanism, Catholicism and the Negro Slave* has been accepted for publication in the spring issue of *Comparative Studies in Society and History*. Research was carried out in Spain in the Archivo General de Indias in Sevilla. Began, September 1964. Completed, September 1965. /SSRC

*Latin American Research Review*

523. ———. A History of Argentine Socialism, 1880–1943.  
The researcher is currently in Argentina. EDC of field work, 1967./Ford

524. ROLF J. LUDERS. Monetary History of Chile.  
(ERS 1965)

*Language and Linguistics*

525. DANIEL CARDENAS. Research on Dialects of Mexico.  
This study involves training and field work. Began, fall 1965. Continuing.

526. NORMAN MCQUOWN. Preparation of Yucatec and Quiche (Mayan) Teaching Materials.  
/NDEA (May 1965–Oct. 1966, \$52,068)

527. ———. Nahuatl Grammar and Lexicon.

*Literature*

528. ALLEN W. PHILLIPS. Contemporary Mexican Literature.

COLLEGE OF ST. THOMAS  
*Economics*

529. NINO A. MARITANO. Strategies of Economic Development in Latin America.  
To be published in 1966. Completed.

530. ———. Agriculture and Economic Development in Latin America.  
Partial Research done during the summer of 1965 in Latin America. In progress.

CONCORDIA SEMINARY (St. Louis, Missouri)  
*History*

531. WERNER WADEWITZ. History of Latin America. (546)

UNIVERSITY OF DETROIT  
*Philosophy*

532. ANTON DONOSO. History of Argentine Philosophy.  
This work will present to the English-reading world a comprehensive development of ideas in the Republic of Argentina, one volume of which will be a history while the second companion volume will contain translated excerpts of Argentine philosophical thought. Research in Argentina began, June 1964. EDC unknown.

GRINNELL COLLEGE  
*Literature*

126

533. ANDREW DEBICKI. Jose Gorostiza (1901–) A Literary Study. (676)  
Under contract with Twayne Publishers. EDC, 1969.

534. HELENA P. PONSETI. History of Women Writers in Latin America.

This study will stress the contribution of women writers in Latin America to Latin America's literary history. The completed work will be published by Libreria Studium, Mexico. Began, 1959. EDC, 1969./Danforth (1959)

UNIVERSITY OF ILLINOIS  
*Anthropology*

535. DONALD W. LATHRAP. WILLIAM ALLEN, THOMAS MYERS, JOANNE HARRIS (O). Early Cultural Relationships in Peru.

The researchers are working to establish the time depth of sedentary, ceramic-using, agricultural peoples in the upper Amazon Basin and the cultural relationship between such early examples of Tropical Forest culture and the evolving civilizations of the Central Andes. On the basis of work already completed it is clear that the flood plains of the major rivers and the lower slopes of the Andes were both intensively occupied by agricultural peoples by 2000 B.C. Field work has been completed and writing is in preparation. Began, 1962. /NSF; University of Illinois Graduate Research Board.

536. OSCAR LEWIS. DOUGLAS BUTTERWORTH (O). Culture of Poverty in Puerto Rico and New York.

A comparative analysis of 100 low income families from four slums of greater San Juan and their relatives in New York City. Began, June 1963. In progress./Social Securities Administration; Guggenheim; Institute for the Study of Man; Wenner-Gren

*Economics*

JOSEPH D. PHILLIPS. Economic Structure of Ciudad Guayana.  
(see #460)

537. ADOLPH STURMTHAL. Changes in Income Distribution and Capital Formation in Mexico in the 50's.

This study is a revision of data for the 40's. Theoretical implications will be observed (capital/output ratio investment in education

and training). Source of statistical errors in Report of International Bank. In preparation.

538. s. C. SCHMIDT. Central American Foreign Trade.

Appraises the major economic forces that influence the magnitude, direction, and composition of international trade of countries adhering to the Central Treaty of Central American Economic Integration. Particular emphasis will be placed on imports from the United States. Began, July 1965. In progress.

#### *Geography*

539. JOHN THOMPSON AND CHARLES S. ALEXANDER. Geography of Urban Food Supply.

A training and research project for graduate students in agricultural and marketing geography of Central Mexican cities. Comparative component lies in work previously done and underway by Thompson in Brazil, Chile, and Central America. In preparation. Began, December 1965./Center for International Comparative Studies

#### *Literature*

540. MERLIN H. FORSTER. Xavier Villaurrutia, Mexican Poet and Playwright (1903-1950).

/SSRC/ACLS

#### *Political Science*

ROBERT E. SCOTT. Universities and Political Change in Latin America: Case Studies in Mexico and Peru.

(See LARR I:1, #37)

#### INDIANA UNIVERSITY

#### *Interdisciplinary*

541. WILLIAM J. GORE, International Development Research Center. DELBERT MILLER, RICHARD MYREN, JOHN LIELL (O). Town Development.

Systematical study of urbanism and the relation of town to development in underdeveloped countries. Sub-topics:

(1) A preliminary community power structure analysis of Cordoba, Argentina, has been carried out by Miller; (2) Myren has completed a research design for a comparative study of law enforcement in Cordoba and Indianapolis; (3) Liell and several colleagues have prepared a research design for a comparative study in 4 or 5 countries of the impact of urbanization

and cultural change on fertility rates. Continuing.

542. RAY RANDALL, Institute of Public Affairs. JAMES BRADY, University of Wisconsin (C). A Study of Development Administration.

Research is being done on approximately 15 case studies of executive operations in Latin America which will be used both by AID in its executive development program and for college course work. The researchers are particularly concerned with conflict of value systems which AID executives often face in their work. In progress./AID

#### *Anthropology*

543. PAUL DOUGHTY. Migration and Cultural Change in Peru.

A study of national patterns of migration and the role of migrant associations in the promotion of cultural change. An article appeared in *Economía y Agricultura* (Lima, Peru 5/64). In preparation. Began, 1964. Additional research will be done in Peru in 1966.

544. WESLEY R. HURT, Indiana University Museum. University of Minas Gerais, University of Paraná, University of Santa Catarina (C). Archaeological Excavations along the Southern Coast of Brazil.

(see AA)

#### *Education*

545. MICHAEL CHIAPPETTA. Education and Development in Latin America.

As a part of this broad topic, the researcher will concentrate upon four aspects of education and development: (1) organization and administration of school systems related to national development; (2) curriculum changes related to socio-economic development; (3) sources of institutional changes in education systems; (4) educational innovation in response to development needs.

#### *Fine Arts*

546. GEORGE LIST, Archives of Traditional Music. DELIA AND MANUEL ZAPATA OLIVELLA (C). Folklore and Folk Music in Latin America (Colombia, Peru, Venezuela, and Ecuador).

A monograph on Colombian music, representing part of this research, was published in Spanish by the Conservatory of Music, Na-

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tional University of Bogota (1965). In preparation to be published in English./Fulbright

### History

547. DAVID D. BURKS. The Impact of the Cuban Revolution on Latin America.

(ERS 1965)

548. DAVID M. FLETCHER. The Coming of the Mexican War.

Will treat diplomatic relations between U.S., Texas, Mexico, Britain, France, and Spain, 1842-48, including such topics as the annexation of Texas, the Oregon question, the causes of the Mexican War, and the annexation of California. In preparation as a monograph. EDC, 1966.

549. ———. The Contest for Mexico: the U.S. versus Europe, 1820-1870.

A broader study than the above, including diplomatic, economic, and possibly also cultural rivalries from the independence period to the end of the French Intervention. In progress. /SSRC (1962-63)

550. ROBERT E. QUIRK. A Short History of Mexico.

Under contract for Prentice-Hall's Spectrum Series. In preparation. Began, 1963.

551. JAMES R. SCOBIE. Social History of the City of Buenos Aires, 1870-1920.

In stage of preliminary investigation. First field trip was made in August, 1965 to coordinate with research assistant in Buenos Aires and secure bibliographical materials. Plans to return for research in June-July, 1966, and for a year's research in 1968. Began, 1964./Indiana University Foundation

### Law

552. RICHARD A. MYREN. MATILDE KEJMER, Universidad Nacional de Cordoba, Argentina (C). Comparative Study of Criminal Justice Systems. (see also #541)

Scheduled are idiographic studies of the criminal justice systems of federated nations for nomothetic comparative purposes. This will include Canada, the U.S., Mexico, Brazil, and Argentina in this hemisphere, and Switzerland and Australia outside. Research will then move on to newer federated nations and unitary states. Began, February 1963. Continuing. /Fulbright; Indiana University

### Linguistics

553. THOMAS A. SEBEOK. Preparation of Pre-Publication Manuscript of Vol. 4 of *Current Trends in Linguistics*, sub-titled "Ibero-American & Caribbean Linguistics."

/NDEA (Sept. 1964-March 1966, \$28,674)

554. ALBERT VALDMAN. Basic Materials in Haitian Creole.

/NDEA (June 1965-January 1967, \$33,447)

### Literature

555. RICHARD F. ALLEN (South Bend-Mishawaka Campus). Romulo Gallegos y la Generación de el Cojo Ilustrado.

One article related to this subject entitled "Consideraciones sobre aspectos socio-políticos de las obras de Romulo Gallegos," has been published in *Duquesne Hispanic Review*, Año IV, Num. 1. Began, 1959. In progress.

556. OCTAVIO CORVALÁN. Marxism and Literature in Latin America.

Marxist ideology in present day literature and how it works, especially through the poetry and the novel, toward modifying public opinion. In preparation. Supplemental research in the Library of Congress. Began, June 1965.

557. JOHN P. DYSON. A Critical History and Anthology of Latin American Literary Criticism from its Beginnings to the Present.

Began, 1965. Continuing.

558. MIGUEL ENGUIDANOS. Life and Works of Rubén Darío.

A near complete revision of existing materials on the life and works of Rubén Darío. Research was carried out at the Seminario-Archivo "Rubén Darío" in Madrid, which contains more than 7000 documents (mainly unpublished). In preparation. Supplemental research at the University of Texas Latin American Collection./Guggenheim; Indiana University Foundation Research Grant

559. JUAN A. ORREGO-SALAS. History and Literature of Music.

Preparation of a comprehensive survey in English of the history of music in Latin America covering the pre-Columbian period, the Colonial, Independence, and Contemporary eras in each country with special emphasis on the literature of music in each one of these epochs,



on the influences of the social milieu, of native indigenous trends, and European traditions. Began, 1963. In progress./Rockefeller; Indiana University

*Political Science*

560. PHYLLIS PETERSON. A Comparative Study of Political Attitudes of Argentine and Brazilian Political Party Leaders.

*Sociology*

561. DELBERT C. MILLER. JUAN CARLOS AGULLA AND EVA CHAMORRO, Institute of Sociology, University of Cordoba, Argentina (C). Comparative Analysis of the Community Power Structures of Cordoba, Argentina and Lima, Peru. (See also #541)

Publications related to this study are: Estudio del Liderazgo de la Comunidad en Industrias Kaiser, Argentina, *Cuadernos de los Institutos*, No. 76:37-49, 1964, Universidad Nacional de Cordoba; The Community Power Perspectives and Community Role Definitions of North American Business Executives in an Argentine Community, forthcoming in *Administrative Science Quarterly*. Began 1963. EDC, June 1966./Ford, SSRC; Fulbright

INDIANA STATE UNIVERSITY

*Political Science*

562. SHELDON B. LISS. The United States, Panama and the Canal.

(ERS 1965)

IOWA STATE UNIVERSITY (Ames, Iowa)

*Anthropology*

563. GILBERT D. BARTELL. Systematic Investigations among the Sonoran Yaqui (also Mayo).

Areas involved in this investigation will be economic and cultural integration, curing, witchcraft, psychopathology, marginality, etc. Began, 1959. Continuing through February 1966./U. of Arizona, Comins Fellowship Fund; ISU Achievement Funds & Travel Grant

564. ———. Perception of Communication in Community Development Programs.

Research will be carried out in Peru and Mexico with the possibility of bringing other Central American countries into its scope. In progress.

565. ———. The Yaqui.

A monograph based on the dynamics of inter-

systemic linkages. To be published by the Iowa State University Press in 1966.

*Economics (Agricultural)*

566. GEORGE M. BEAL AND DONALD N. SIBLEY. Agricultural Extension Committee of the Department of Christian Services, Presbyterian Church Guatemala Extension Service (C). Adoption of Agricultural Technology by Indians of Guatemala.

The objective of this research is to determine the variables related to the speed and intensity of the adoption of agricultural technology among a sample of Quiche Indians of Guatemala. Expected to appear in published form by August 1966. Final field work will have been completed by November 1965. Began, 1964./Agricultural Development Council, Inc.

567. JOHN F. TIMMONS, Executive Director. State University of Iowa (C). Consultants and long term staff for 1964-65 included Frederick Mann, David Brown, Melvin Blase, Dean Schreiner, Apostolos Condos, Erik Thorbecke, Enrique Vignes, F. T. Scott, Eugene Brady, Thyrele Robertson, Hylke Van de Wetering, Ronald Tinnermeier, William Merrill, James Prescott, Samuel Fahr, Raymond Beneke, Lehman Fletcher, Donald Kaldor, Donald Winkelmann, and Richard Perrin. Peru Project.

Though primarily a technical assistance program, with emphasis on economic development, research has necessarily been effected. A rough farm population study in Puno has shown that less than one-third of the present farm population in that area can be sustained at the level of living established by home economists as "satisfactory." Other activities in the Puno area include the development of farm cost-and-returns data, farm budgeting, farm size studies, and the development of an index for rating farm efficiency. At the Tarma field office, Henry Vignes has made studies to determine the number of hectares needed to fully occupy the farm family labor, and the number of hectares required for an adequate income. A study of marketing research is also being made with the assistance of Lehman Fletcher. In the early part of the summer of 1965, the staff had concentrated on the analysis of rice marketing and price policies. The ma-

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job legal research project now in progress is an effort by Fred Mann which is expected to culminate in proposed regulations for implementing the Land Consolidation Law. Three technicians of the program working in the National Planning Institute are working on the following studies for use in the Medium Term Plan for Peru: (1) income distribution in Peru; (2) preparation of production functions for 20 sub-sectors of Peruvian industry; (3) projections for public sector incomes and expenditure for the period 1965-1970; (4) construction of analytical models for the Peruvian economy; (5) construction of policy-oriented macro-economic models which show the relationship between policy instruments and the goals of economic policy. A description of the various publications and reports resulting from the work in Peru can be obtained from John F. Timmons. Research began, September 1962. Present contract provides for work to continue through February 1967. /AID

### UNIVERSITY OF KANSAS

#### *Anthropology*

568. JAMES A. CLIFTON (on 15 month leave at the Instituto de Planificación, Universidad de Chile beginning in the fall of 1965). Cultural Change among the Mapuche.

A study of political socialization among the Mapuche Indians of Southern Chile; a study of "Boot Strap" development programs in a *Comuna*. Field research began in November, 1965. Continuing through 1966. /NSF

569. KEITH F. OTTERBEIN. The Andros Islanders: A Study of Family Organization in the Bahamas.

Forthcoming from the University of Kansas Press.

570. ROBERT J. SQUIER. Development of Civilizations.

This is a continuing program of research in the development of complex societies in the New World with particular emphasis upon the Olmec and related Formative civilizations. Most recent field work consisted of test excavations made in 1964. This work resulted in a larger program, to begin in 1966, of excavations and surveys. Supplemental research was carried out in Chiapas, Mexico. Began, 1963. /K.U. Research Funds

#### *Geography*

571. JOHN P. AUGELLI. Man-Land Systems. A typology of man-land systems in Middle America with emphasis upon their interplay with land use, land tenure, and transportation. Began, September 1965. /University of Kansas

572. ——— AND ROBERT C. WEST, Louisiana State University. Middle America: Lands and Peoples.

A textbook to be published by Prentice-Hall. Expected date of publication is April 1966.

573. ROBERT E. NUNLEY, JOHN P. AUGELLI AND FLOYD PRESTON (C). The Distribution of Population in Central America.

The research project encompasses a comprehensive approach to description and analysis of distributions of population generally and, specifically, the distribution of population in Central America. The area of study includes all of the Central American Isthmus between Mexico and Colombia. The major objectives of this research are: (1) the preparation of a set of detailed (four miles to the inch) maps of the distribution of population in Central America, based on the distribution of houses; (2) the preparation of base maps at the same scale on a standardized projection; (3) the recording of the data on distribution of population on magnetic tape; (4) the description of the distribution, using objective techniques to determine parameters of its static structure; (5) the analysis of functional organization and dynamics of the distribution. To be published in the spring of 1967. Began, June 1964. /Carnegie (\$3,100); Ford (\$3,300); General Research Fund (Kansas); NSF (\$70,900); AID (\$16,000)

#### *History*

574. GEORGE C. A. BOEHRER. History of the Catholic Church in the Brazilian Empire.

A history of the Catholic Church in Brazil from Independence to the fall of the empire. Began, 1960. EDC, 1966. /SSRC-ACLS

575. CHARLES L. STANSIFER. Application of the Tobar Doctrine to Central America. Began, 1960. Completed, June 1965.

576. ———. Foreign Business Penetration of Central America, 1850-1920.



CURRENT RESEARCH INVENTORY

577. ———. Biography of E. George Squier.

578. ———. Federico Tinoco Regime in Costa Rica.

*Literature*

579. RAYMOND D. SOUZA. History of 20th Century Cuban Prose Fiction.

In preparation to be published as a book. Began, 1963./K.U. Research Fund.

*Political Science*

580. VICTOR ALBA. A History of Latin American Labor.

A study of union movements, and also socialist, anarchist, communist, populist and democratic movements. To be published by Stanford in 1966. Began, 1960. Terminated, 1964.

581. ———. Political History of Mexico. One study will be on the caricature in Mexico and how it has been affected by the Revolution. Another study will be on the historical roots of contemporary Mexico, with emphasis on the social structure and its changes and also on the social ideas prevalent after the Revolution. The first study will be written up for *Comparative History*. The second study is being done for Praeger. Began, 1965.

582. ROBERT D. TOMASEK. Latin American Politics—A Book of Readings. To be published in March 1966 (530 pages). Under contract with Doubleday, Anchor Series.

583. ———. Chilean Multiparty System. This work will evaluate the Chilean multiparty system. In preparation. Began, 1961.

KENT STATE UNIVERSITY

*Anthropology*

584. C. LEE CLARK. Community Organization and Social Change in the Grand Cayman Island, West Indies.

Field work in 1964. EDC unknown.

*Economics*

585. DONALD F. MULVIHILL. Marketing Systems in Central America. (ERS 1965)

*History*

586. MAURY D. BAKER. The United States Navy and the Latin American Wars of Independence. (452)

UNIVERSITY OF KENTUCKY

*History*

587. SHELBY T. MCCLOY. History of the Negro in the French West Indies. (ERS 1965)

*Literature*

588. JAMES O. SEVAIN. Life and Works of Dr. Juan Marín. (180)

589. ———. Life and Works of V. Blasco Ibañez. (181)

*Sociology*

590. THOMAS R. FORD. A Study of the Conditions and Processes of Social and Economic Change in Peru.

Essentially a case study of social and economic conditions in Peru and the effects of foreign technical and economic assistance in changing these conditions. An assessment will be made of foreign assistance programs for solving basic social and economic problems. Special attention will be paid to the U.S. bi-lateral assistance programs, but assistance accorded by agencies of the UN and the OAS will also be reviewed. Began, 1963./Guggenheim

UNIVERSITY OF LOUISVILLE (Kentucky)

*Anthropology*

591. FREDERIC HICKS. Paraguayan Political Behavior.

A study of cultural factors related to or affecting present-day Paraguayan political behavior. Began, 1964. Field work completed, August 1965.

592. ——— AND EGDIO PICCHIONI, Ministerio de Salud Pública y Bienestar Social de Paraguay. Industrialization and Social Change in a Paraguayan Community.

A study of the adjustment to industrialization in Capiatá (Depto. Central), where a plant producing vegetable oils and animal feeds was established in 1960 in a previously peasant community. Emphasis is on the social effects of the increased money circulation, increased economic opportunities, and other changes resulting from the presence of the factory. Began, April 1965. Field research terminated, August 1965./Paraguayan Ministry of Public Health and Social Welfare; Fulbright-Hays

LOYOLA UNIVERSITY

*History*

593. CHARLES E. RONAN. Biography of Francisco Javier Clavigero.

*Latin American Research Review*

This biography will stress the subject's work as an historian and as the New World's eighteenth-century "Voice of America." In preparation. The researcher is also planning to edit a letter of Carlos Albrizzi, S.J., 18th century Italian Jesuit missionary to Marañon region. It recounts his impressions of Spain and Spanish America as he travelled those regions. /American Philosophical Society

MARIETTA COLLEGE (Marietta, Ohio)  
*Economics*

594. RICHARD L. BLANCO. The Early Economic Development of Costa Rica, 1848-1905. (198)

MARQUETTE UNIVERSITY  
*History*

595. EUGENE H. KORTH. Indian Slavery and Forced Labor.

A study of the struggle for social justice in Chile during the 16th and 17th centuries with special emphasis on the contributions made by the Jesuits to an equitable solution of the problem. In preparation. Began, 1954./Doherty

MARYGROVE COLLEGE (Detroit, Michigan)  
*Philosophy*

596. JORGE A. CASTELLANOS. The New Social Outlook of the Catholic Church in Latin America. (734)

MENNINGER FOUNDATION (Topeka, Kansas)  
*Psychology* (Educational)

597. RILEY W. GARDNER. SERAFIN J. MERCADO, ROGELIO DÍAZ-GUERRERO, LUICA PINZON U., Universidad Nacional Autónoma de México (C). Program in Cognitive Organization.

A series of investigations of concept formation and conceptual differentiation. One of these studies had to do with possible difference in the concept formation of children in Mexico and the U.S. Final publications resulting from these studies will be completed in about 2 or 3 years. An article on "Cognitive Control in Children of Mexico and the United States" was published in the *Journal of Social Psychology*, 59:199-208. Research began, 1960. /NIMH

598. G. MURPHY AND J. F. SANTOS. Program in Reality Testing (Brazil). /NIMH funds for 1964 and 1965.

MIAMI UNIVERSITY (Ohio)  
*History*

599. HARRIS G. WARREN. Paraguay in Reconstruction.

A study of Paraguayan recovery from the War and the Triple Alliance to about 1928. Pertinent materials have been recovered in the Public Records Office (London) and the British Museum as well as the U.S. Department of State Archives. In preparation. Began, 1960. EDC, 1967./American Philosophical Society; Miami University

*Literature*

600. WILLIS KNAPP JONES. Research on Spanish-American Theater.

601. ———. Spanish American Literature before 1888. (702)

UNIVERSITY OF MICHIGAN  
*Anthropology*

602. ERIC WOLF. Anthropology Curriculum Study Project: The Human Condition in Latin America.

One of a series of "area" volumes to introduce anthropological studies into the high schools. Completed, summer 1965./NSF; American Anthropological Assoc.

*Economics*

603. ANTONIN BASCH. Impact of Inflation on Development in Nine Latin American Countries. (191)

MICHIGAN STATE UNIVERSITY  
*Interdisciplinary*

604. ALBERT A. BLUM. Management, Unions, and the White Collar Employee in Mexico.

Will study the relationships between management, unions, and the government in Mexico and compare them with the U.S. The method being used for this study is the use of questionnaires, interviews, and research. Began, June 1965. In progress./MSU funds

*Anthropology*

605. JOSEPH SPIELBERG. Fishing Villages in Veracruz.

Began, September 1965. In progress.

*Economics*

606. TAMARA BRUNNSCHWEILER. Recent Developments in Colombian Oil Production. In progress.

## CURRENT RESEARCH INVENTORY

607. HAROLD RILEY, CHARLES SLATER, JOHN MCNELLY, JOHN WISH, KELLY HARRISON (O). A Comparative Study of Food Marketing Systems in Latin American Countries in Early Stages of Economic Development.

The first phase of this study will be a one year study of Puerto Rican food marketing systems. It will describe and evaluate changes that have taken place since 1950. The second phase will be a one and a half year study of food marketing in a Latin American country. Began, July 1965./AID; Puerto Rican Department of Commerce and University of Puerto Rico

608. GARLAND WOOD AND HAROLD RILEY. Faculty members of the Facultades de Agronomía at Medellín and Cali, Colombia (O). Supply and Demand Characteristics for Colombian Agriculture in 1975. Supporting papers to this research were published in *Revista*, Facultad de Agronomía, Medellín, Colombia in 1962. Release of final publication and individual commodity reports should be ready by July 1966. Began, 1961./USDA

### *Education*

609. DONALD A. TAYLOR. Institutionalizing of the discipline of Business Administration in the Brazilian University System. Publication of results is anticipated for June 1966. In preparation. Began, March 1965./Inter-University Research Program in Institution Building and Institute of International Management (MSU)

### *Geography*

610. DIETER BRUNNSCHWEILER, EDUARDO ESPINEL, MERCEDES AVILA (C). Colonization and regional Geography in Andean Countries.

Three studies fall under the scope of this more general topic: (1) study of the physical and cultural environment in the Llanos Orientales of Colombia; (2) comparative geography of trans-Andean grassland environments; and (3) altitudinal zonation of the Andes (supported by U.S. Army Cold Regions Research and Engineering Laboratory). In preparation. Began, November 1964. Research completed, June 1965./Ford Foundation

611. C. W. MINKEL. US/AID and Guatemalan government personnel (O). Geographic Analyses for Purposes of Planning.

A series of regional, urban, and agricultural investigation to be used by AID/Guatemala and various Guatemalan government agencies for purposes of planning. Began, 1963. Continuing. US/AID; Guatemalan government

### *History*

612. CHARLES C. CUMBERLAND. Mexican Revolution, 1913-1924.

Concerned principally with the development of ideas which have given the Revolution its characteristic stamp. In preparation. Began, 1954./SSRC; Doherty

613. ———. Social and Economic History of Mexico.

Emphasis of this study will be primarily on institutional development. To be published by Oxford in 1966. In preparation. Began, 1960.

### *Literature*

614. DONALD A. YATES. Literature of Imagination and Fantasy.

A study of the cultivation of imaginative (non-realistic) literature in Spanish America, especially in Argentina and Mexico, where this type of prose fiction is more widely produced than in any of the other Latin American countries. The present study will document the development of this type of literature and will propose several theories which attempt to explain its appearance and cultivation in an area of the world where literary realism has long been dominant. Began, August 1962. Continuing./Fulbright; Ford

### *Political Science*

615. KEN A. BODE. The Latin American Diplomatic Community in Washington, D.C. The study is a behavioral analysis of the socio-economic, educational and professional backgrounds of the diplomats of the various Latin American Republics who were accredited to their country's embassies in Washington in the summer of 1965. The study also covers extensive attitudinal analyses. In preparation./International Programs, MSU

### *Psychology (Educational)*

616. JOHN E. JORDAN. Attitudes Toward Education.

This is a study of the nature and determinants

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of cross-cultural attitudes toward education and disability as related to and/or predicted by value, contact, and selected demographic variables. Data has been collected in Costa Rica, Colombia, and Peru; control groups in five European nations and Japan. An article from this study was published in *Phi Delta Kappa*, January 1964. In preparation. Began, 1961. Continuing. /Ford; Office of Education

### Sociology

617. WILLIAM A. FAUNCE. M. JOSEPH SMUCKER (O). *Function and Meaning of Work.*

A cross-cultural comparative analysis of the function and meaning of work in three villages; one in Northern Michigan; one in Guatemala; and one in Costa Rica. Primary concern with the extent to which work-related values function in community status assignment systems and with related variations in attitudes toward work. In preparation. Began, 1963. /MSU International Programs (Ford Foundation), \$20,000

618. WILLIAM H. FORM AND RICHARD GALE. *Industrialization and Social Integration.*

Study of Argentine automobile workers in Córdoba. Part of a four nation study of occupational and social integration of auto workers at three different levels of skill. Social profiles of worker, including participation patterns in factory, union, neighborhood, and community. Began, October 1965. EDC, 1967. /MSU International Programs (Ford Foundation)

619. GORDAN WHITING, WILLIAM HERZOG, GUSTAVO QUESADA, E. M. ROGERS. *Diffusion of Innovations in Rural Societies.*

Data will be gathered from leaders and villagers in 80-100 communities in Minas Gerais to explain the relative success-failure of the programs of planned change in agricultural production from all farm families in about 20 of these villages to determine the correlates of opinion leadership and innovativeness; and from these same respondents after application of selected communication treatments such as radio forums, etc. Began, December 1964. EDC, December 1968. /US/AID

### MILWAUKEE PUBLIC MUSEUM

#### Archaeology

620. STEPHEN DEBORHEGYI AND LEE A. PAR-

SONS. The Science Museum, St. Paul, Minnesota (C). *Excavation of the Bilbao Site (Cotzumalhuapa, Escuintla, Guatemala).*

(see AA)

### UNIVERSITY OF MINNESOTA

#### Anthropology

621. RICHARD E. W. ADAMS. KENT DAY AND RONALD NASH (O). *The Ceramic Chronology of the Southern Maya.*

The objectives of this study are to set up a regional ceramic chronology for some region of Maya Highlands and to detect and define highland-lowland relationships. Cotzal Valley sequence established unbroken from Proto-Classic to Spanish Conquest. Contacts with adjacent highlands and the Peten have been detected. Second and final season's work at another site in the Cotzal and also at three sites in the Alta Verapaz is projected. Data gathered on land use, settlement patterns, and ceremonial site functions in the Cotzal. In preparation. Began, April 1965. /NSF

#### Geography

622. WARD BARRETT. *The Sugar Industry of Mexico.*

Two monographs will result from the investigator's studies. One will be on a single mill, San Antonio de Atacomulco (1530-1910), tracing its changes. The second will be on the historical geography of the industry in the state of Morelos. In preparation. Research began, 1961. The first monograph will be completed in late 1966; the second in 1967.

#### History

623. W. D. BEATTY. *Chile, Peru and Ecuador.* (ERS 1965)

#### Literature

624. JOHN H. MATTHEWS. *Surrealism in Chile.* (ERS 1965)

#### Sociology

625. ROY E. CARTER. *Social Stratification and Social Mobility in Santiago de Chile.* (58)

626. ———. *A Comparative Study of Behavior in Chile and the U.S.* (768)

627. ROY E. PIERCE. *Public Opinion and Press Opinion in Four Latin American Capitals.* (404)

CURRENT RESEARCH INVENTORY

UNIVERSITY OF MISSOURI  
*Economics* (Agricultural)

628. W. WHITNEY HICKS. *Agricultural Development (1940-1960) and its Relation to Mexico's Economic Development*. Began, 1963. /Agricultural Development Council

*Political Science*

629. LOUIS G. KAHLE. *An Inquiry into Recent Evidences of the Rise of Conservatism in Mexico*. (ERS 1965)

UNIVERSITY OF NEBRASKA  
*Anthropology*

630. DAVID H. KELLEY. *Maya Writing*. The researcher has completed about 140 pages of an estimated 190 pages of typescript on an introduction to the present state of knowledge of Maya writing, with a critical summary of others' work and analysis of new results of his own research. Began, 1958.

631. ———. *Maya Calendar Correlation*. In progress.

*Geography*

632. NORMAN R. STEWART. *Pioneer Settlement & Regional Development*.

Study of immigration and foreign agricultural settlement as they affect the regional development of Eastern Paraguay. This work is in the press. Began, 1958. Completed, 1963. /NAS-NRC Foreign Field Research Program

633. ———. *Altitudinal Migration and Pioneer Settlement*.

Migration and settlement in the Ecuadorian Oriente. A study in the cultural mechanics of environmental adjustment. Began, 1965. Field work will be undertaken in 1966. /University of Nebraska Research Council

*History*

634. MICHAEL C. MEYER. *The German-Mexican Conspiracy of 1915*.

A study of the background to the famous Zimmerman Telegram of 1917. To be published in *The Americas* in 1966. Began, 1964. Completed, 1965.

635. ———. *Pascual Orozco and the Mexican Revolution, 1910-1915*.

A study of revolutionary activity from the local to the national level centering round the person, Pascual Orozco, Jr. Research was done

at a number of private and public archives in Mexico. In preparation. Began, 1962. /NDEA Fellowship; University of Nebraska Summer Faculty Fellowship.

636. DAVID TRASK, ROGER TRASK, AND MICHAEL MEYER. *A Selected Bibliography of United States-Latin American Relations*. In preparation. Began, 1960.

*Literature*

637. ROBERTO ESQUENAZI-MAYO. *Study of the Origins of the Latin American Novel*.

This study will establish that the Latin American novel began during the XVII century. In preparation. Supplemental research in Spain and Latin America in 1963 and 1964. Began, 1960. /Nebraska Research Council

638. ———. CARMEN ESQUENAZI-MAYO (C). *Study of Essays and Novels of Eduardo Caballero-Calderon, Colombian Novelist*. In preparation. Began, 1963.

*Political Science*

639. ALEXANDER T. EDELMANN. *The Bolivian Social Revolution Today*.

This study, treating all phases of Bolivia's social revolution, especially land reform, aims at bringing the revolution completely up to date. In preparation. Began, 1962.

*Sociology*

640. BERNARD ROSEN. *Family Structure and Economic Development*.

A study of the interrelationships of family structure, achievement motivation and economic development in Brazil. Field work was done in six cities in Brazil. Articles published from this study are: "Socialization and Achievement Motivation in Brazil," *American Sociological Review*, October 1962, pp. 612-624; "The Achievement Syndrome and Economic Development in Brazil," *Social Forces*, March 1964, pp. 341-354. In preparation. Began, 1960. Continuing. /NIMH; USPHS

NORTHERN MICHIGAN UNIVERSITY

*Education*

641. VITO PERRONE. *Image of Latin America: A Study of American School Textbooks and School Children, Grades Two Through Twelve*. (353)

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### NORTHWESTERN UNIVERSITY

#### *Anthropology*

642. ROBERT AND EVA HUNT. Regional Social Structure.

Analysis of the social structure of an ex-districto in Oaxaca, Mexico. Focuses particularly on land tenure, on relations with national and international markets, on territorial organization, and upon kinship. In preparation. Began, 1963. /NSF

#### *Literature*

643. FREDERICK S. STIMSON. Modern Spanish American Poetry. (726 & 727)

### NOTRE DAME UNIVERSITY

#### *Literature*

644. WALTER M. LANGFORD. Contemporary Spanish American Fiction.

Studies on certain aspects and several figures of the 20th century novel and short story in Spanish America. In preparation.

#### *Political Science*

645. JOHN J. KENNEDY AND RAFAEL CALDERÁ. Christian Democracy in Latin America.

Analysis of the political philosophy common to the Christian Democratic groups in Latin America, programs, and principal proposals of the various national entities. Scheduled for publication by Notre Dame Press in 1966. In preparation. Began, January 1965.

#### *Psychology*

646. JOHN F. SANTOS. NELSON CAMPOS PIRES, ENZO AZZI, MARIA DE CARMO GUEDES, Institute of Experimental Psychology, Catholic University of São Paulo (O). Cross Cultural Comparison of Perceptual Cognitive Processes.

A number of pilot studies have been carried out thus far to accumulate information on the perceptual-cognitive characteristics of equated samples of subjects in Brazil, Mexico, and the U.S. The aim of these studies is to develop and/or identify culture-sensitive tests and experimental procedures, which can then be used to compare and contrast similarities and differences among the cultural configuration represented by Brazil, Mexico, and the U.S. The next step will be to carry out further experiments which will involve experimental manipulation of perceptual-cognitive experiences that will allow differential predictions of the outcomes in the three cultural groups

on the basis of established characteristics which should be expected to inhibit or facilitate performance. Developmental comparisons will also be made and similarities as well as differences will be emphasized. Began, March 1963. Continuing. (see also #598) /Fundação de Amparo à Pesquisa de Estado de São Paulo; NIMH; USPHS

#### *Sociology*

647. WILLIAM V. D'ANTONIO. WILLIAM H. FORM AND CHARLES P. LOOMIS, Michigan State University (O). Political Parties, their Social Structure and Ideological Orientations.

Examination of the structures and ideological orientations of Mexico's two major parties, PRI and PAN, in a municipal election in Ciudad Juarez, Mexico. Interviews carried out in Spanish with candidates and other leaders of both parties. In preparation. Began, spring 1962. Research completed, summer 1962. /Carnegie; USPHS

### OHIO UNIVERSITY

#### *Geography*

648. MORTON WINSBERG. The Social Bases of Politics in Chile and Argentina. (ERS 1965)

#### *History*

649. ROBERT GILMORE. From Enlightened Despotism to Local Autonomy in Colombia (1780-1864).

A study of the erosion of central authority in Colombia at that period. Articles from this study have appeared in the *Hispanic American Historical Review* (May, 1956), *Proceedings of the American Historical Association* (1963). Additional field work will be done in 1967. /Baker Foundation

### THE OHIO STATE UNIVERSITY

#### *Interdisciplinary*

650. GEORGE P. PATTEN. Comparative Diffusion of Milk Consumption from Modern Dairy Operations in the Managua Milk Shed vs. the San Juan, Puerto Rico Milk Shed (1952-3 to 1965-6).

#### *Anthropology*

651. ERIKA BOURGUIGNON. L. PETTAY, A. HAAS (O). A Comparative Study of Ritualized Dissociational States Among Indians, Mestizos and Afro-American Groups.



This is part of a larger, worldwide analysis of ritualized dissociational states. Two papers have been published dealing with these materials: "The Self, the Behavioral Environment and the Theory of Spirit Possession" in M. E. Spiro, ed. *Context and Meaning in Cultural Anthropology*, Free Press (1965). (Data from Haiti.) Also E. Buourgignon and L. Pettay: "Spirit Possession, Trance and Cross-Cultural Research" in Symposium on New Approaches to the Study of Religion, *Proceedings of the 1964 Annual Spring Meeting of the American Ethnological Society*, J. Helm, ed., Seattle, 1964. Began, 1963. EDC, 1968. /NIMH

#### Economics

652. MERVIN G. SMITH, RAYMOND A. BAILEY, NORMAN RASK, CHARLES CURRY, HAROLD BAUMAN, HERBERT ROTH, THOMAS STICKLEY, RICHARD CARTER, JOHN EARLY, DONOLD SORENSON, WILLIAM HOERGER, JOHN STITZLINE (O). Government agencies and banks in Latin America (C). *Agricultural Credit and Economic Development*.

General survey of secondary data and worldwide analysis. Separate projects have been initiated in each of four Latin American countries (Colombia, Ecuador, Peru, and Brazil). Surveys of different types of farmers, analysis of agricultural credit institutions, studies of agencies and conditions influencing use of credit in agricultural production and marketing are combined for this study. Separate studies in about 5 or 6 states of Brazil are being made. Studies may be developed in other countries. Ultimately these studies will furnish the basis for a comprehensive series of publications which should cover guidelines for certain aspects of economic development, the financing of agriculture, and procedures in providing technical assistance in these fields. Three publications are out and others are in preparation. Began, July 1964. /US/AID; Department of State (Washington, D.C.)

#### Geography

653. BARRY LENTNEK. ARTHUR STINCHCOMBE (C). *An Economic Analysis of Subsistence Agriculture, Based on a Stratified, Random Sample*.

A statement of joint subsistence-commercial incomes based on a specially designed income

account. Analysis of income distribution, production function analysis, and relationships with physical environment. Major conclusions: marginal productivity of labor is zero in corn and bean crop (15% hidden unemployment). Dairy cattle are four times as profitable as corn and beans due to more efficient use of scarce water supply (area, Mexico). Began, 1963. Continuing. /NSF

654. HOWARD L. GAUTHIER. *Transportation Economics*.

Using the analytical methods of linear algebra, measures of highway structure and change are made within the theoretical framework of graph theory. The basic dimensions of the area's accessibility surface are determined by principal components analysis. The obtained factor scores are related by canonical correlation to the normalized vectors of urban population, value of retail sales and value added by manufacturing. The results are interpreted within A. O. Hirschman's theory of economic development. (Area, Brazil.) Began, 1962. Continuing. /NSF

#### History

655. RICHARD L. MILLETT (Southern Illinois University). *U.S. Military-Civil Relations in the Caribbean*.

The emphasis is on the coordination of military and civilian policy of the U.S. in the Caribbean and Central American areas in the first three decades of the twentieth century. The elements of coordination of policy, both in Washington and in the field, are separately considered for each country concerned. Began, October 1965. In progress. /Merston Social Science Program in National Security

656. JOHN J. TEPASKE. *18th Century Reforms in the Viceroyalty of Peru*.

Analysis of the Bourbon reforms in the viceroyalty in Peru, 1700-1760, and the reaction of the colonials to these reforms. The overall aim of this research is to demonstrate the attempts at breakdown of the patrimonial society established by the Hapsburgs in the 16th and 17th centuries. Began, September 1962. Continuing. /Ohio State University Foreign Area Fellowship Program

657. JAMES WILKIE. *The Mexican Revolution: Federal Expenditure and Social Change since 1910*.

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This ms. is being considered for publication. Began, 1963. Completed, 1965. /SSRC/ACLS; William Harrison Mills Grant

658. ———. Establishment of an Oral History Center for Latin America at Ohio State on the Basis of an Oral History of the Mexican Revolution, 1910–1965.

This study emphasizes (1) biography and (2) personalism, ideology, and nationalism in a comparison of twenty countries in the twentieth century. Cooperative, inter-university, inter-disciplinary project will be continuing. Supplemental research will be in Uruguay and in Peru during the summer and autumn of 1966.

659. ———. Land Tenure in Mexico, 1853–1964.

A statistical view of the formation of latifundia and the course of land reform. Began, 1965. EDC, 1967.

660. ———. RICHARD WILKIE, University of Washington (C). Poverty in Twentieth Century Latin America: A Comparative Analysis of Social Statistics in Mexico, Brazil, and Argentina.

EDC, 1967.

### Literature

661. MARTHA MORELLO-FROSCHE. The Stories of Jorge Luis Borges.

A study of Jorge Luis Borges' fantastic stories, their relation to vernacular literature and topics, both rural (gauchesca) and urban (el guapo, el barrio bonaerense) and the relationship between the 'ideal' universes he creates and the 'real' these precure. Began, fall 1962. /OSU Grant in Aid

### Political Science

662. WILLARD F. BARBER (University of Maryland) AND C. NEALE RONNING (Johns Hopkins). Internal Security and Military Power: Counterinsurgency and Civic Action in Latin America.

A study of the non-military roles and functions of national military establishments in Latin America, of assistance provided by the U.S., and the relationships these efforts have to internal and external hemispheric objectives. To be published by the Ohio State University Press in 1966. Began, 1964. Completed, June 1965. /Mershon Social Science Program in National Security (OSU)

663. LEO B. LOTT. Handbook on Latin America.

Will include a lengthy glossary of terms, maps, statistics, documents, and an outline of Latin American history. In preparation. Began, 1965.

664. JEROME SLATER. The Role of the OAS in U.S. Foreign Policy.

In preparation. Began, June 1962. /Brookings Institution; Mershon Program in National Security

### Sociology

665. DAVID G. CARTANO AND WILLIAM L. FLINN (University of Wisconsin). Migration Differentials and Motives in Colombian, Especially Rural, Populations.

/Agricultural Development Council

### UNIVERSITY OF OKLAHOMA

#### Geography

666. ARTHUR H. DOERR. Demographic Problems of Costa Rica during the Past 100 Years.

In preparation. Began, September 1965. EDC 1966.

667. HARRY E. GOY. Effects of Inter-American Highway on Land Use and Population Distribution.

The researcher traveled in Mexico and Central America during the summer of 1965. He had interviews with rural and urban people, both nationals and U.S. officials. In preparation. Began, July 1965. EDC, 1967.

### History

668. MAX L. MOORHEAD. Jacobo Ugarte y Loyola and the Apache Frontier, 1769–91 (Provincias Internas del Norte de Nueva España).

Historical analysis of Spain's policy toward the Apache Indians in the 18th century. This will be a book-length study of crises and policy changes in Spain's Indian relations on the northern frontier of New Spain. The study will be based primarily on high-level documents, but will also examine local reports of Provincial governors and garrison commanders to determine the extent to which official policy was actually enforced locally. Supplemental research in the Archivo General de Indias (Sevilla, Spain). Began, 1958. EDC, August 1966.

## CURRENT RESEARCH INVENTORY

### *Linguistics*

669. JOSEPH E. GRIMES. Rural Nayarit Spanish. (ERS 1965)

### PURDUE UNIVERSITY

#### *Economics (Agricultural)*

670. GLEN C. PULVER, NORMAN RASK AND REUBEN BUSE. ARY BURGER, JORGE OLIVERA, ELI SOUZA, ALZEMIROU STURM, University of Rio Grande do Sul (O). Agricultural Development Opportunities in the Municipio of Santa Cruz do Sul in the State of Rio Grande do Sul.

Began, 1961. Continuing. /University of Wisconsin Land Tenure Center; University of Rio Grande de Sul; U.S. State Department; Ford; Municipio of Santa Cruz do Sul

#### *History*

671. RONALD C. NEWTON. University Student Politics.

The researcher has examined the internal political structure of the University of Buenos Aires, Argentina, especially student political parties and student participation in the organs of university self-government. Also studied were means by which the university as a corporate body and the student parties have attempted to influence political decision-making in extramural matters (national government). An article on this subject will appear in a forthcoming edition of the *Journal of Inter-American Studies*. Monograph in preparation. Began, fall 1963. Research completed, fall 1965. /Purdue Research Foundation; SSRC/ACLS

### QUINCY COLLEGE (Quincy, Illinois)

#### *History*

672. LANDRY GENOSKY. A Textbook on the Spanish Borderlands. (476)

### UNIVERSITY OF SOUTH DAKOTA

#### *Political Science*

673. FRANK M. LEWIS. Chilean Politics: Presidential Government in a Multi-party Setting. (ERS 1965)

### SOUTHERN ILLINOIS UNIVERSITY

#### *Anthropology*

674. PEDRO ARMILLAS. Ancient Land Use in Central Mexico. /NSF (\$23,800)

675. MELVIN L. FOWLER. LUIS VASQUEZ RANGEL, Museo de la Revolución, Puebla,

Mexico (O). Identification and Examination of Archaeological Sites in Puebla Highlands and Central Vera Cruz Lowlands of Mexico.

The 1st portion of the field work period was spent in the libraries of the Instituto in Mexico City and the Instituto Poblano de Antropología e Historia in Puebla. In August, 1963, stratigraphic excavations were made at the Amalucan Site. In the winter of 1964-65, research was continued with a detailed topographic map of the site as a main objective. Began, 1963. Continuing. /American Philosophical Society; Meso-American Cooperative Research Project; University Museum of Southern Illinois University

676. J. CHARLES KELLEY. Anthropological Research in North Central Mexico. (see AA) /NSF (\$59,900)

677. WALTER W. TAYLOR. Excavations near Sombrerete, Zacatecas, Mexico. (see AA)

#### *Economics (Agricultural)*

678. HERMAN M. HAAG AND GERMÁN A. RIOSECO. Preparation of Materials for Courses in Marketing and Prices Using Mexican Statistics.

Began, July 1963. EDC, October 1965. /Ford Foundation Travel and Study Grant

#### *Geography*

679. ANNEMARIE KRAUSE. A Middle Latitude Culture in a Tropical Environment (Paraguay). (ERS 1965)

680. CAMPBELL W. PENNINGTON. The Tepic-huan of Mexico. (ERS 1965)

#### *Sociology*

681. GUNTER W. REMMLING (at Alton). Sociology in South America.

A directory of South American sociologists and institutions devoted to sociological study. To be published by the Institute of Latin American Studies, University of Texas. Began, 1963. Completed. /American Philosophical Society

### STATE UNIVERSITY OF IOWA (Iowa City)

#### *Economics*

682. WALTER KRAUSE. The Economy of Latin America.

This ms., edited by Krause, will be released

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early in 1966 by the University of Iowa, Bureau of Business and Economic Research.

683. ———. Technical Assistance Operations of the Inter-American Development Bank. The researcher serves as Project Director for this work. The resultant document, involving Latin America, presumably will become available to the public shortly. /IDB/Washington (November 1965)

### Journalism

684. JAMES W. MARKHAM AND MALCOLM S. MACLEAN, JR. Attitudes of Foreign Students Toward U.S.

This is a study of attitude and attitude change after a period of time studying on a U.S. campus. Mass media, exposure index, and social contact index were correlated with pre-conceptions of Homeland and U.S. and with changes in attitude. Data was taken from 3 areas of the world, including Latin America. The first five years of study have been completed and the data analyzed with the aid of computer. In preparation. To be published in 1966. Began, Sept. 1959.

### Law

685. FRED MANN. Improvement of Legal Structure of Land Tenure in the Moquegua Valley, Peru.  
(see also #567) (263)

686. JOHN C. O'BYRNE (currently visiting professor of Law at Boston College). Research on Land Reform Law.  
In progress.

### Literature

687. HOMERO CASTILLO. Eduardo Barrio y su Técnica de Novelar. (668)

688. ———. La Literatura Chilena en las Revistas de America. (669)

### Political Science

689. PETER G. SNOW. Ecological Correlations of Voting Patterns.

This project is basically an attempt to determine whether or not the voting patterns of some sectors of the Argentine electorate can be ascertained by means of ecological correlations; both census and electoral data are being analyzed by use of step-wise multiple regression. This will probably be followed by prin-

cipal component analysis and perhaps factor analysis. Began, spring 1965. In progress.

### Sociology

690. LYLE W. SHANNON. PATRICIA A. MORGAN (O). Economic Absorption and Cultural Integration of Immigrant Workers.

This is a follow-up study to one investigating the process of value assimilation and behavioral change among Mexican-American and Negro migrants to an urban, industrial community. As the project developed, it became apparent that economic absorption and cultural integration were more appropriate concepts and as the data were analyzed, it was decided that the problem of economic absorption was paramount. The aim of this project is to test the ability to predict which immigrants will have been most absorbed into the economy and most integrated into the larger culture between 1960–1965. Study was conducted in Racine, Wisconsin. A bibliography of the various articles which have been published or are in preparation can be provided by Mr. Shannon. Research began, 1959. /NIMH; Ford; NSF

### UNIVERSITY OF TOLEDO

#### Education

691. DAVID Z. TAVEL. Social Studies Teaching in Latin America.  
Determination and comparison of social studies teaching in Latin American countries. In progress.

### WASHINGTON UNIVERSITY (St. Louis)

#### Anthropology

692. NORMAN E. WHITTEN, JR. Social Structure, Change and Power in Colombia and Ecuador.  
To be published in 1965 by Stanford University Press.

693. ———. Value Systems in Colombia and Ecuador.

Study of values by focusing on folklore and music texts collected by the researcher in 1963, 1964, and 1965. Research began, 1961. Continuing. /NIMH; Tulane University; NIH

#### Economics

694. DAVID FELIX. Import-Substituting and Problems of Exporting in Argentina.  
Published in Spanish by the Instituto Torcuato Di Tella, Buenos Aires, 1965. The researcher is doing additional work on the same subject

CURRENT RESEARCH INVENTORY

for an amplified monograph. Began, July 1964. /Development Advisory Service, Harvard University

*History*

695. JOHN FRANCIS BANNON. *Indian Labor in the Spanish Indies.*

To be published in the DCHeath series "Problems in Latin American Civilization" in early 1966.

696. RICHARD J. WALTER. *University Reform and Student Politics in Argentina: 1918-1960.*

The purpose of this work is to determine the social, economic, and political role of Argentina's university students in the Republic's twentieth-century history. The researcher is presently engaged in preparing this work for possible publication. Began, December 1963. /Doherty Foundation

*Literature*

697. IVAN A. SCHULMAN. *Modernismo.*

Two studies will result from this research. One will be an article to be published in *Cuadernos Americanos*, November 1965, entitled "Reflexiones en Torno a la Definición del Modernismo. The second, "Genesis del Modernismo: Martí, Najera, Casal, Silva," will be a collection of essays to be published by the Colegio de Mexico and the Washington University Press. It will be ready for the press in December 1965.

698. ———. *Escritos Desconocidos de José Martí.*

The uncollected essays published by José Martí in the *New York Sun*. Ready for publication in January, 1966. /Ford; SSRC/ACLS

*Political Science*

699. MERLE KLING. *Revolutions in Latin America.*

The study examines the relationship between violence and political systems in Latin America. An effort is made to create a typology of revolutions in Latin America, and to relate outcomes of revolutionary behavior to various kinds of violence. (Under the auspices of the Center of International Studies, Princeton University.) Began, 1964. Continuing.

*Sociology*

700. JAMES R. JAQUITH. *German-Speaking Mennonite Farmers.*

The study is concerned with ideological and institutional bases of their extreme cultural conservatism and the ways in which these will be reinterpreted to accommodate forced change (Mexico). Began, June 1965. /Washington Committee on Latin American Studies

WAYNE STATE UNIVERSITY

*Anthropology*

701. JOHN AND MAVIS BIESANZ. *Costa Rican Life.*

This is to be a re-study of a similar topic written by the researchers and published in 1944 by Columbia University Press (now out of print). Field work for the present investigation will continue until 1967 or 1968.

702. ———. *Social Change in Tobatí, Paraguay.*

This study deals with some of the generalizations the Services made in their 1948-49 study in contrast with the situation today. In progress.

703. BERNICE A. KAPLAN. *Community Organization in Northern Peru.* (ERS 1965)

*History*

704. C. NORMAN GUICE. *Peru during the War of the Pacific, 1879-1883.*

The emphasis will be upon the internal history (social, political, intellectual) during the war years. In preparation. Supplemental research in Chile in 1962. Began, 1960. /Rockefeller (1960); WSU Graduate Research Fellowship

WESTERN MICHIGAN UNIVERSITY

*Anthropology*

705. ROBERT J. SMITH. *Moslem Peoples of the Caribbean.* (ERS 1965)

*Geography*

706. OSCAR HORST. *Physiographic Diagram of the Dominican Republic and Accompanying Text.* (ERS 1965)

707. ———. *Land Tenure and Social Mobility in a Highland Municipio of Southwestern Guatemala.* (426)

*History*

708. EDWARD O. ELSASSER. *The Impact of Tradition on Cultural Change in Latin America.* (ERS 1965)

## *Latin American Research Review*

### *Political Science*

709. JAMES D. COCHRANE. Central American Economic Integration.

Research done in Central America, Mexico, and Panama. A study of Central American economic integration from its beginning in 1950 to the present. The study has a political orientation. Articles from this study have appeared in *Inter-American Economic Affairs* (Vol. 18, No. 2 and Vol. 19, No. 2), *Journal of Inter-American Studies* (Vol. VII, No. 3) and *Caribbean Studies* (June, 1965). A book entitled Central American Common Market—An Approach to Development is proposed. Began, October 1963. Research completed, November 1965. /Brookings

710. ———. Latin American Political Leadership.

Study of the social backgrounds of persons holding formal positions of leadership in selected Latin American nations (Venezuela, Chile, Mexico, and possibly Argentina). Proposed publications include, "The Venezuelan Executive: A Background Study" (paper completed); a comparative study of the members of the Argentine cabinet since 1955 and the members of the Venezuelan cabinet since 1958; and a study of the membership of the current Chilean legislature. Began, October 1964. In progress.

### WESTERN RESERVE UNIVERSITY

#### *Sociology*

711. LEO A. DESPRES. Cultural Pluralism and Nationalist Politics in British Guiana.

(ERS 1965)

712. LEO W. SIMMONS. Role Images of the Public Health Nurse in Jamaica.

(ERS 1965)

### UNIVERSITY OF WISCONSIN (Madison)

#### *Interdisciplinary*

LTC. PETER DORNER, director. University of Wisconsin Land Tenure Center Project.

In 1962, the University of Wisconsin established the Land Tenure Center with support from the Agency for International Development. The Center is involved in a "multi-disciplinary program of research studies (both in the field and on the University of Wisconsin campus) on the economic, social, political, legal and administrative aspects of land tenure patterns and agrarian structure in Latin Amer-

ica, and to establish their relationships to agricultural productivity and rural development."

The program is also primarily interested in training Latin American and U.S. researchers in the relevant disciplines of study. The LTC offers four publication series: 1) Research Papers; 2) Reprint Series; 3) Training and Methods Series; and 4) Discussion Papers. In addition, a *Newsletter* is sent out quarterly. Inquiries regarding any of these publications should be addressed to the Land Tenure Center, 310 King Hall, University of Wisconsin, Madison, Wisconsin 53706.

Under #713, we are listing the LTC macro-project and its principal, but by no means all, collaborators. Projects which have been sponsored principally by the LTC can be recognized by the symbol: /LTC.

713. PETER DORNER. RAYMOND J. PENN, CHARLES ANDERSON, HERBERT HARVEY, EUGENE WILKENING, WILLIAM GLADE, MARION BROWN, HERMAN FELSTAL, HENRY STERLING (O). University of Chile (Escolatina), University of Bogota (Facultad de Ciencias Sociales), Central University of Central America (Oscar Chavez), Institute of Social and Economic Studies (Center for Social Science Work, Rio Grande do Sul), CIDA (Colombia, Brazil, Chile)—(C). Research and Training in Land Tenure and Reform in Latin America.

A comprehensive, multi-disciplinary research and training program on those aspects of rural development in Latin America related to land tenure arrangements; this program will (a) provide a deeper understanding of relevant factors and their interactions, (b) serve as a basis for action programs aimed at the modernization of rural sectors, and (c) assist in the training of indigenous agrarian reform specialists. Began, May 1962. EDC 1966 or 1969. /LTC; AID

714. SERGIO MATURANA. Study of Chilean Agrarian Reform.

This study describes land tenure and the resettlement process, developing typology of main tenure forms, and problems of change agencies in the introduction of technological change. Began, February 1965. In progress. /LTC (see also #386 and #391)



CURRENT RESEARCH INVENTORY

715. RICHARD W. PATCH AND RONALD J. CLARK. ROBERTO GUMUCIO A. (O). Culture Change and Economic Development. Continuing research on the relation between culture change and economic development, especially in agriculture, and with particular attention to agrarian reform. Institutions involved with this project are the American Universities Field Staff, the University of Wisconsin Land Tenure Center, and CIDA. Began, 1951. /LTC; AUFS

716. NATHAN J. SMITH. Pediatric Problems of Malnutrition in Chile.

Infants between 5 & 10 months of age suffering from severe marasmus were investigated as to the rate of proliferation of bone marrow cells. It was found that these infants did not suffer from anemia in spite of their severe degrees of malnutrition. Adaptive changes in retardation of mitotic activity within the bone marrow were identified. Animal models of this severe state of malnutrition are now being produced in piglets at the University of Washington in an attempt to identify the factors responsible for the adaptive mechanisms in the severely malnourished infant. In preparation. Began, January 1964. Research completed, September 1964. /Rockefeller; University of Wisconsin

*Anthropology*

717. DALE W. ADAMS. CIDA (C). Economic Organization of Colombian Farms.

The basic objective of this study is to describe the economic organization in Colombia at the farm level. Specific projects are selected on the basis of representing a major crop or enterprise, a prominent tenure arrangement, or a special aspect of the rural to urban migration process. A number of reports on this study have been published by the LTC and CIDA. Began, 1964. /LTC

718. RONALD J. CLARK. The Bolivian Land Reform: Its Antecedents and Resultant Social, Political and Economic Change.

The study analyzes the political, economic, and social factors which gave rise to the land tenure structure in Bolivia before 1952, and then analyzes the changes that have taken place since 1952. Began, July 1965. In progress. /LTC; AID (See #715)

719. H. R. HARVEY. Study of Social, Economic, and Political Structure of the Municipio of Huixquilucan, State of Mexico; Mexico Past and Present.

Supplemental research in Spain, 1964. Began, summer 1963. In progress.

720. DONALD E. THOMPSON AND DONALD COLLIER, Field Museum of Natural History. Architecture and Settlement Patterns in the Casma Valley, Peru.

To be published by the Chicago Natural History Museum. Articles have previously appeared in the *Southwestern Journal of Anthropology* and the *Actas del XXXV Congreso Internacional de Americanistas*.

721. DONALD E. THOMPSON. Archaeology of the Huarney Valley, Peru.

Preliminary publication in *Actas of the International Congress of Americanists* (1964). Field work during 1959-60. Data are now in process of being analyzed. /Fullbright (see also LARR I:1, #108)

*Economics*

722. WILLIAM GLADE. RONDO CAMERON (C). International Business Research.

A large project is to be formulated around the general theme of comparative banking development as related to the process of industrialization. Vol. II of *Banking in the Latin American Countries in the 20th Century* by Mr. Cameron is due to be completed in 1966.

*Economics (Agriculture)*

723. EMIL B. HANEY, JR. Minifundia Reorganization.

Study of the economic reorganization of minifundia with new agricultural technology; types of soil and water conservation practices used by the small property-holders; degree of market participation; credit and labor exchange systems. Began, June 1963. /LTC; Foreign Area Fellowship Program

724. LESTER J. SCHMID. University of San Carlos (C). Migratory Labor.

The study focuses on migration and settlement of laborers from the Guatemalan highlands. The chief emphasis of the study is on the conditions of employment of migratory workers, especially on payment for the labor with a plot of land to be worked by the laborer. Began, September 1965. /LTC; Ford

725. HAROLD SEEBERGER. Role of Rural Institutions in Economic Development.

The major objective of this is to study the role of the Federación Agraria Nacional (FANAL), an institution operating in the rural sector of Colombia, in the economic development of Colombia. FANAL's activities have included land settlement, organization of plantation workers and the passage of agrarian reform legislation. Began, February 1965. In progress. /LTC; Midwest Universities Consortium

726. JOHN STEELE. Recent Changes in Land Tenure and Farm Organization in Southern Brazil.

The study will investigate significant changes and innovations in the pattern of land tenure and farm organization in Brazil and determine why and how they have occurred. The effects of these changes on productivity, costs, and returns will be studied. Began, February 1965. In progress. /LTC; Midwest Universities Consortium

727. JOHN STRASMA. Instituto de Economía, Universidad de Chile (O). Survey of the "State of Art" Relating Land Taxation to the Objectives of Land Reform.

EDC, December 1965.

728. ———. Land Tax Reform.

Field work in Chile on the effectiveness of the substantial increase in land taxation through reassessment and a wealth tax, implemented in 1965. Also, field work in Chile to determine, insofar as possible, the economic and other effects of the tax increase, especially in terms of the intensity of land use, cropping patterns, changes in tenure arrangements, and in land market prices. EDC, December 1966. /LTC; University of Chile (see also LARR I:1, #100)

729. JAMES R. TAYLOR. Agrarian Institute of Nicaragua and the National University (C). Land Tenure and Resettlement in Nicaragua.

A study of attempts made by the government of Nicaragua in altering the existing land tenure system. The focus of investigation will be on efforts made to alter the terms of participation in the farm economy of persons who have obtained land by squatting—using land which is the legal property of others without

getting prior consent. Began, June 1965. In progress. /LTC; AID; Government of Nicaragua

730. WILLIAM C. THIESENHUSEN. Experimental Programs of Land Reform in Chile.

The study examines the situation of campesinos on four haciendas under different types of land reform all sponsored by the Instituto de Promoción Agraria, the organization distributing land rights formerly held by the Catholic Church in Chile. It also seeks to document difficulties of other former landless who came into the possession of their own farms twelve or more years ago. Began, November 1963. EDC, January 1966. /LTC

#### *Education*

731. JULIAN STANLEY. University of Rio de Janeiro (C). The Effects of Cultural Deprivation on the Learning Process.

Work is being carried out by a joint team of Americans and Brazilians.

#### *Geography*

732. WILLIAM M. DENEVAN. The Aboriginal Geography of the Llanos de Mojos: A Seasonally Inundated Savanna in Northeastern Bolivia.

This is a study of native agriculture, settlement, and population at the time of initial Spanish contact, with an emphasis on adaptations to seasonal flooding via construction of earthworks. A monograph, now in the University of California Press. Began, 1961. Completed, 1965./National Academy of Sciences/National Research Council/Foreign Field Research Program

733. ———. Historical Geography of the Montaña (Peru).

One aspect of this research will be a study of historical and contemporary aboriginal settlement patterns and land use in eastern Peru. A second part will be a survey of the origin, use, and potential of the Peruvian savannas (pajonales). Began, February 1965. EDC, February 1967./SSRC

734. HENRY S. STERLING. P. A. D. STOUSE, University of Kansas (O). ROBERTO LIZARRALDE, University of Zulia, Maracaibo (C). Pioneer Settlement in Venezuela.

## CURRENT RESEARCH INVENTORY

Field work was completed during the summer of 1965 on continuing, "time-lapse" study of geography of change in recent, rapidly evolving, lowland settlements in the piedmont plains of western Venezuela. Extensive laboratory work is in progress, including processing of interviews and other data, construction of maps based on 35 mm. oblique air photos, etc. In preparation. Began, 1952./Ford; University of Wisconsin Research Committee; Whitbeck Faculty Travel Fund

### *Journalism*

735. LUIZ FONSECA. Information Patterns, Risk Orientation and Practice Adoption Among Dairy Farmers in Minas Gerais, Brazil.

A study of some aspects of the diffusion process among rural Brazilians and the effect of farm information in the introduction of new technology. Study will be made of an area in which an intensive program of technological change is underway. Began, February 1965. In progress./LTC; AID

### *Law*

736. DANIEL L. STEWART. J. BEUSCHER, PETER DORNER, ICIRA (C). Chilean Water Law.

A study of Chilean water law, with a case study of the Valley of Illapel. The study will include some legal and economic aspects of water rights in Chilean agriculture. In preparation. Began, 1964./LTC; Fulbright

737. JOSEPH THOME. Legal Aspects of Water Use.

The study focuses on aspects of Colombia's water rights law as they relate to agricultural development in selected "case study" areas of Colombia. Part of the work relates to a tight permit system of water rights allocation. Began, February 1964./LTC; AID

### *Political Science*

738. CHARLES ANDERSON. JOHN D. POWELL, CONSTANTINE MENGES (O). Politics of Land Reform.

Three countries will be studied in order to determine what the real issues involved in land reform are and how decisions are made with regard to these issues. The countries involved are: Chile, Nicaragua, and Venezuela./LTC; AID; CIDA

### *Sociology*

739. DAVID CHAPLIN. The Development of an Industrial Labor Force.

Analysis of 3,918 blue and white collar workers in 13 Peruvian textile mills, 9 in Lima, 3 in Arequipa, and 1 in Cuzco to investigate the influence of plant location, labor legislation, unions, plant size, age and organization, and managerial style on the structuring of the 1959 labor force. It includes a history of each factory and of labor recruitment practices used in Peru in other sectors as well as textiles. To be published in 1966 by Princeton University Press. Began, 1959. Terminated, 1963. Field follow-up, summer 1965./PAU; Wisconsin Alumni Research Foundation.

740. ———. The Distribution of Wealth and Industrialization.

An analysis of a 1926–30 register of Peruvian owners of real estate. The top 5% (32,205) in 16 departments was studied in terms of the resulting concentration ratios and then the ratios were correlated with indices of industrialization. The register included names, age, sex, occupation, nationality, marital status, and address and the location, type and annual income of each piece of property. To be published early in 1966. Began, 1963. Completed, 1965. /NSF; Wisconsin Alumni Research Foundation

741. SIDNEY GREENFIELD. CENTRO (Rio de Janeiro, Brazil) (C). Patronage Patterns in Traditional Brazilian Society.

The study will describe the relation of man and land and man and his fellow man in the traditional culture under study. The study will also relate the culture pattern to the other social institutions with which it coexists in the working of rural Brazilian society. Began, February 1965. In progress./LTC; AID

742. A. EUGENE HAVENS. Estructura y Cambio Social en una Comunidad Colombiana: Tamesis, Antioquia.

Discusses social structure, change and community development in a coffee producing sector of the state of Antioquia from 1850–1964. Data for the study came from four sources: (1) historical documents; (2) sample survey of community residents; (3) intensive case studies; and (4) structured interviews with local community leaders. Scheduled for publi-

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cation by Tercer Mundo, Bogotá, Colombia in 1966./LTC

743. EUGENE A. WILKENING. JUAÑO BOSCO PINTO, THEODORE HYMAN, JOHANNES VAN ES, JOSÉ PASTOYE (O). CENTRO (C). Social Relationships and Motivational Factors Related to Changes in Agriculture.

The main purpose of the study is to show how formal and informal relationships in several rural municipios affect the access to and use of land and new techniques. A second objective is to relate goals, managerial ability and value orientations to acceptance and changes in Brazilian rural society. Began, 1965. In progress./LTC; AID

UNIVERSITY OF WISCONSIN (Milwaukee)  
*Anthropology*

744. R. R. HOWARD. Excavation of the White Marl Site.  
/NSF

*Linguistics*

745. HENRY HOGE. The Syntactical Analysis of Contemporary Brazilian Portuguese.  
/NDEA

*Political Science*

746. BELDEN E. PAULSON. Community Political Patterns in NE Brazil. (810)

CANADA-INSTITUTIONAL LISTING

UNIVERSITY OF ALBERTA

*Interdisciplinary*

RICHARD S. MACNEISH. (see LARR, I:1, #161)

*Geography*

747. ULF MASING. Land Settlement with Immigrant Farmers (Costa Rica).

Ms ready for publication. Completed, 1964. /Caribbean Research Program, University of Florida.

748. ———. C. THOMAS (C). Problems of Land Use and Colonization in Chiapas, Mexico.

The Mexican Government is attempting to settle surplus farmers from the dry regions of northern Mexico in the tropical rainforest region of Chiapas. The researcher is investigating the success and failure of this re-settlement program to draw valuable conclusions for future settlement elsewhere in similar environ-

mental conditions. In preparation. Began, 1965. EDC, 1966.

749. ———. Costa Rica: The Land and the People.

This is a general work designed to describe the physical geography of Costa Rica, some of the major sociological aspects of Costa Rican society with particular emphasis on present land use, and potential resource development. In preparation. Began, 1964. EDC, 1967.

UNIVERSITY OF MANITOBA

*Anthropology*

750. WILLIAM MAYER-OAKES, TIMOTHE FISKE. Test Excavations near Quito.

(see AA, Vol. 31, No. 1)

MCGILL UNIVERSITY

*Interdisciplinary*

751. FRANCES HENRY. Political Change in Trinidad.

The first phase of the study inquired into the nature of political commitment among rural peoples and utilized the survey research design. 350 depth interviews were collected and results are now being analyzed. The second phase studied the recent political and economic changes brought about by new labor legislation. This is reported in "Recent Labour Legislation in Trinidad: Its Economic and Political Implications" recently submitted to *Economic Development and Cultural Change*. Field work for the third phase of this study will be conducted in 1966 and will focus on the growing political opposition to the present government in Trinidad. Began, 1965. In progress. /Centre for Developing Area Studies

UNIVERSITY OF MONTREAL

*Anthropology*

752. PAUL TOLSTOY. Archaeological Investigations of the Pre-Classic Horizon.

Part of a coordinated project under the auspices of the Institute of Andean Research which involves research and field training in the Valley of Mexico./Canada Council; NSF; Wenner-Gren

UNIVERSITY OF TORONTO

*Anthropology*

753. DAVID M. PENDERGAST, Royal Ontario Museum. DAVID BAXTER (O). Excavations at Rockstone Pond, British Honduras.

(see AA)