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Annual Report to the
Agency for International Development**

1 July 1974—30 June 1975

**Grant no. AID/pha-G-1058
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1 introduction

The following report, which covers the period from 1 July 1974 to 30 June 1975, describes program accomplishments and activities of the East-West Population Institute during the first year of its three-year grant AID/pha-G-1058 from the Agency for International Development.

The Institute was established in 1969 as an interdisciplinary unit of the East-West Center for the purpose of developing and disseminating knowledge in the field of population. It complements other Institutes of the Center and cooperates with population-oriented programs of the University of Hawaii. Institute activities are guided by the Center's goal of fostering intercultural contacts and better understanding between the peoples of East and West.

Highlights of FY 1975

During the year, the Institute conducted nearly 70 activities involving research, graduate study, professional development, institutional cooperation, or a combination of these elements.

- A major study was begun to design and evaluate new cost-effective family planning delivery systems for the Republic of Korea. Known as the Korean Population Policy and Program Evaluation Study, this effort began with a preparation phase in a township near Pusan, testing three different delivery systems. After the preparation phase, the major phase of the study involves applying one of these delivery systems to a whole province (Cheju Do) and an evaluation three years later of the successes and failures of the new delivery system.
- Field work for an expanded second phase of the Value of Children Study was completed and funding from various sources was assured for national surveys in all eight participating countries. The second phase of the study uses statistically representative samples to assess the social, economic, and psychological costs and satisfactions of children to married couples.

- Twenty-three doctoral candidates and 30 master's degree candidates at the University of Hawaii were recipients of Institute Graduate Degree Awards. The students represented 14 countries and 12 disciplines. Two of the recipients completed doctorates and 10 completed master's degrees. In addition, five Ph.D. candidates in anthropology at other U.S. universities, who were doing field research or writing dissertations related to population, held Joint Doctoral Intern Awards from the Institute.
- The Institute sponsored or cosponsored 13 professional meetings. Five were devoted to new conference topics: Own-Children Method of Fertility Estimation (November), Census Evaluation (November and December), Census Measurement of Socioeconomic Status (December), Population Socialization (December), and Measurement of Preferences for Number and Sex of Children (June). The rest concerned topics of continuing interest: Fifth and Sixth Summer Seminars in Population (June to July), Training Course in Population Statistics (July to August), Population Dynamics Seminar (August), Fourth and Fifth Value of Children Workshops (October to November and June to July), Fourth Population Census Workshop-Conference (May), and Second Conference on International Migration from the Philippines (June).
- Thirty professional development interns from 11 countries worked at the Institute for varying periods. They included personnel from census and statistical bureaus, universities and research institutions, and organizations engaged in development assistance. In consultation with Institute staff they conducted research on a variety of topics. Some of the interns also did course work in population studies at the University of Hawaii.
- The Data Processing and Computing Unit designed an own-children computer program package and applied it to recent census data from several countries in the Asian-Pacific region. Unit staff played a major role in the Workshop on the Own-Children Method of Fertility Estimation and conducted two short courses on the use of computers in population research.
- Use of the Institute's Resource Materials Collection nearly doubled during the year, and the number of fugitive publications available in the Collection increased substantially.
- The Publications Office issued two books, three Papers, four occasional publications, and 16 Reprints. A new quarterly, the *Asian and*

Pacific Census Newsletter, first appeared in August. Several Papers and books were in press in June.

- A new support service, the Cartographic Unit, was established which produces maps and graphics illustrating research findings for publication and display. During the year the Unit designed and executed several hundred maps and illustrations, most of them for Institute publications.
- Institute staff participated in 46 meetings sponsored by professional associations, presenting a total of 23 papers and reports. Staff researchers published 26 papers and articles and five books outside the Institute; a number of journal articles and books were being readied for publication at year's end. Staff members also served on professional committees and provided consultative services to governments and nongovernmental organizations.

Goals and program

The aim of the Institute is to contribute to the understanding and solution of population problems affecting the societies of Asia and the Pacific, including the United States, through cooperative research, education, and the development of professional skills. Specifically, Institute activities focus on three mutually related problem areas.

Demographic Estimation and Analysis

A primary Institute interest centers on the core issues of demography: on the levels and trends of population growth, fertility, mortality, and migration, and on the composition and geographic distribution of population. Despite progress in recent decades, demographic data in many nations remain inadequate. Much of the Institute's research is therefore devoted to attempts to improve techniques for demographic estimation and analysis. Most of these activities are undertaken in cooperation with national statistical agencies in Asia and the Pacific and may involve either new data collection strategies or the attempt to use existing data more fully. Current Institute efforts in this problem area emphasize fertility estimation but include the measurement of other demographic phenomena.

Causes and Consequences of Demographic Behavior

In addition to the information supplied by descriptive demography, a full understanding of population processes and structure requires knowledge of the underlying causes of demographic change and of the

actual or potential consequences. Current Institute research in this problem area focuses on the microdemographic processes in which individual choices play an important role, notably on decisions about fertility, nuptiality, and migration. Of particular interest are the determinants of those decisions, especially aspects of the economic, social, cultural, and physical environment as mediated through individual values, attitudes, and perceptions. Past Institute research has not stressed the consequences of demographic behavior, but increasing attention will be devoted to this topic in the future.

Population Policies and Programs

The social arrangements within which population processes operate may be far from optimal. If so, individual members of a society may have a common interest in modifying existing social policies to improve the general welfare. Institute efforts in the broad field of population policy have two objectives. One is to analyze existing policies by which societies attempt to modify demographic behavior, and in particular to examine their comparative effectiveness and the reasons for their success or failure. The second objective is to develop designs for the improvement of existing policies and for the introduction of new policy instruments offering more efficient ways of achieving the goals of the society.

In support of work in these three problem areas the Institute's activities are organized around four main program elements: research, graduate study, professional development, and institutional cooperation. Four major support services—data processing and computing, the Resource Materials Collection, publications, and cartography—complement these activities. Sections 2 and 3 of this report describe the various program elements and specific activities of the Institute during the past fiscal year. Section 4 reviews developments in staff and organizational arrangements, and section 5 outlines plans for the future. An appendix describes additional professional and public-service activities of Institute staff.

2 main program activities

Research

Research in the three problem areas outlined above has continued to be a major Institute activity. Much research is interdisciplinary and cross-cultural. Most of the projects planned, in progress, or completed during the year entailed cooperation with scholars from other institutions in Asia and the Pacific.

Research activities begun during the year included a major study to design and evaluate new cost-effective family planning delivery systems for the Republic of Korea, investigations into the influence of child mortality on fertility, an attempt to assess the social and economic correlates of labor underutilization, an inquiry into the relationship between demographic and socioeconomic transformation, and work on the 1974 Census of American Samoa. Three projects were completed during the year: a study of the role of mental maps in migration research, an evaluation of family planning services in the State of Hawaii, and preparation of a collection of readings on the history of population theory. Many additional research activities are continuing. These include efforts to estimate fertility for selected nations using the own-children method or regression techniques; assessment of the demographic situation in countries of the region; expansion of the cross-national Value of Children project; and smaller studies of historical demography in Rotuma, induced abortion in Hawaii, and patterns and determinants of mortality in Japan.

Staff members and fellows presented their findings at professional meetings and in a variety of publications appearing in the United States and abroad. Institute publications issued during the year are described in Section 3. Studies by staff and fellows that were published elsewhere and participation by staff, fellows, and students in professional meetings are described in the appendix.

Brief descriptions of major Institute research activities conducted during FY1975 follow, with continuing projects presented first,

projects completed during the year next in order, and projects begun during the year shown last. Within this arrangement the projects are listed in the general order of the three problem areas described above. Names of principal Institute investigators appear in parentheses.

Continuing Projects

Transition of family building in the Republic of Korea (Chai Bin Park) Census data of 1960, 1966, and 1970 on number of children ever born are used to study changes in family building by residential area, type of family, and certain characteristics of women, such as educational attainment and occupation. Data from the 1970 census are being examined and will be linked with 1966 census data, for which tabulations have been completed. Findings from the study will be reported at a conference on fertility transition to be held in Kyoto, Japan, in December 1975. Cooperating in the project is the Bureau of Statistics, Republic of Korea.

Demographic techniques for using incomplete data (Griffith Feeney) Development and application of demographic analysis techniques for populations with incomplete birth and registration data or with data containing much error. Research focuses on evaluating the reliability and applicability of existing techniques, on an empirical study of patterns of misreporting, and on the development of mathematical and numerical techniques, time-sharing and batch processing computer programs, and new techniques for inferring trends in fertility and mortality.

Regression estimates of fertility from census data (James Palmore) Data from the 1970 and 1971 censuses of the Asian and Pacific region are being used to update an earlier study on the estimation of demographic fertility measures using regression models. Donald J. Bogue of the University of Chicago and Monica Fong are collaborating on the project.

Age-parity-specific fertility rates from own-children data (Robert Retherford and Lee-Jay Cho) A methodological extension of Cho's earlier work on deriving age-specific birth rates from census or survey data on own children. Rates and probabilities that are specific for parity (number of children ever borne) as well as for age are calculated. The rates obtained are used to investigate the effects of women's changing parity on the crude birth rate and on other summary fertility measures. A paper on methodology was presented at the Fourth Census Tabulation Workshop held at the East-West Center in May 1975. A journal article is in preparation that will compare illustrative calculations for the United States with birth probabilities based on vital statistics data.

Refined measures of fertility and mortality from census data of three Asian countries (Lee-Jay Cho and Robert Retherford) Data from the 1970-73 census rounds of Pakistan, the Philippines, and Thailand are used to produce own-children and related tabulations for estimating recent birth and death rates for geographic subdivisions by a number of respondent characteristics. An own-children computer package was developed during the year and is now being applied in the Philippines and Thailand. Cooperating in the study are the census and statistics offices of the three countries; the U.S. Bureau of the Census is providing support.

The demographic situation in Asia and the Pacific A series of studies analyzing demographic trends in the Asian-Pacific region. Relying primarily on recent census and survey data, the studies assess population growth, fertility, mortality, migration and urbanization, and policies in a number of countries and territories. Among developments during the year were:

- **Indochina (Peter Kunstadter)** New data were gathered in South Vietnam and Laos for a chapter in a forthcoming book on the demographic situation in Asia.
- **Indonesia (Lee-Jay Cho)** With coinvestigators Geoffrey McNicoll of the Population Council and Sam Suharto and S.G. Mamas of the Indonesia Central Bureau of Statistics, Cho completed refined estimates of recent fertility and childhood mortality based on 1971 census data. A monograph analyzing the fertility data is in preparation.
- **Republic of Korea (Lee-Jay Cho)** New projections of the Korean population were produced for a revised report on the demographic situation. Estimates of recent fertility based on 1966 and 1970 census data were completed and Cho's volume *Estimates of Current Fertility for the Republic of Korea and Its Geographic Subdivisions: 1959-1970* was published by Yonsei University Press.
- **Malaysia (James Palmore, Griffith Feeney, and Davor Jedlicka)** In cooperation with the Malaysian Department of Statistics, the coinvestigators continued to analyze data from the 1970 census and other Malaysian sources. A paper entitled "The Effects of Variations in Life Table Terminal Age on Life Expectancy at Birth: Peninsular Malaysia, 1947-1970," by Jedlicka, Feeney, and Palmore, was prepared for publication. A more extensive substantive treatment of the same mortality data is in preparation, calculations of several hundred life tables have been completed. A chapter on the demographic situation in Malaysia, by Palmore and Malaysian coinvestigators Ramesh Chander and Dorothy Z. Fernandez, was published in *Population and Development in Southeast Asia*, edited by John F. Kantner and Lee McCaffrey (New York: D.C. Heath).
- **Pakistan (Robert Gardner)** A study using survey and census data was begun that focuses on sources of the continued high rate of population growth. With Mohammad Afzal of the Pakistan Institute of Development Economics, Gardner prepared a manuscript on Pakistan for a forthcoming volume on the demography of Asia, to be published by the Population Council.
- **Philippines (Peter C. Smith)** Smith and coinvestigator Mercedes B. Concepción of the Population Institute, University of the Philippines, analyzed recent demographic trends using data from the 1973 National Demographic Survey and the 1970 census. This study, still in progress, includes projections of population by urban and rural sector to the year 2000.
- **Thailand (Fred Arnold and Robert Retherford)** A manuscript analyzing recent demographic trends is in the final stage of preparation. Anuri Wanglee of the National Statistical Office of Thailand collaborated on the study.

● **Pacific Islands (Murray Chapman, Eleanor Nordyke, Chai Bin Park, and Peter Pirie)** Chapman began collecting data for a study of the demography of the Solomon Islands, which he is undertaking in collaboration with Murray Bathgate of Otago University and Ko Groenewegen of the South Pacific Commission. Nordyke completed a booklength manuscript entitled "The People of Hawaii," which examines the demography of Hawaii from a historical and environmental perspective; the manuscript has been accepted for publication as an East-West Center Book by the University Press of Hawaii. Park began a study of the demography of American Samoa in cooperation with the South Pacific Commission and the Government of American Samoa. Pirie continued to revise a paper on the demographic situation in the Pacific Islands, incorporating new census data for American and Western Samoa, the Gilbert and Ellice Islands, and the Trust Territory of the Pacific Islands.

Historical demography of Rotuma (Alan Howard, Kajorn Howard, and Peter C. Smith) Detailed demographic and socioeconomic data for a period of over half a century have been assembled using record linkage. The data are being used in conjunction with mathematical-decision models to study the causes of such demographic behavior as marriage, fertility, child-spacing, divorce and remarriage, residential mobility, and mortality. During the year a preliminary analysis of the 20th century mortality decline was completed.

Effect of uncertainty on family-size decision making (Dennis Chao) Development of a model of family-size decision making that takes into account expectations and uncertainty concerning future family income, satisfactions and costs associated with children, and child mortality. The study attempts to show how expectations are related to decisions about family size and how the expectations themselves are affected by economic, socio-psychological, and demographic conditions. During the year Chao prepared an article on this topic for journal publication.

Value of children (Fred Arnold and Sonia Albores) A cross-cultural, cooperative study of the social, economic, and psychological costs and satisfactions of children. In Phase I comparable samples of parents representing three socioeconomic groups were interviewed in five Asian countries and the United States (Hawaii). The data were analyzed to provide insights about the kinds of social programs and policies likely to be effective for regulating fertility. During the year the Institute published two volumes reporting findings in Hawaii and the Philippines (see Publications); a summary volume was in press and other country reports were revised for publication. The second phase is exploring the values associated with children in greater detail, drawing on larger and statistically representative samples of couples in Indonesia, the Republic of Korea, the Philippines, Singapore, Taiwan, Thailand, Turkey, and mainland United States. The Committee for Comparative Behavioral Studies in Population (COMBEP), based in Seoul, is coordinating Phase II. Supporting the project are the Agency for International Development, American Association for the Advancement of Science, Ford Foundation, International Development Research Centre of Canada, National Institutes of Health, Rockefeller Foundation, and Smithsonian Institution.

Population socialization (James Palmore) An inquiry into the process by which people acquire basic population attitudes and values. One aspect of the study is to assess the validity of assumptions about population socialization that underlie many information, education, and communication programs. Most current work on this topic is being conducted by Institute scholarship recipients in connection with their Ph.D. dissertations.

Patterns and determinants of mortality in Japan (Robert Gardner) Extension of a study of the trends and possible social determinants of mortality in Japan since 1950. Life tables, cause-of-death data, and data on various economic and social factors for each prefecture are being analyzed to assess their relationship to overall patterns and trends. A manuscript on this topic is being revised for publication.

Population movement in nonliterate societies (Murray Chapman) Analysis of factors underlying the migration of nonliterate peoples, based particularly on data collected between 1965 and 1975 in the Solomon Islands. Current activities focus on a reinterpretation of tribal mobility as a circulation process, on methods of aggregating open-ended field data to distinguish between the reasons for a population movement and the causes of its occurrence at a particular moment, and on the use of logarithmic azimuthal projections for the graphic analysis of longitudinal mobility records. During the year Chapman presented a paper on tribal mobility at the World Population Year Symposium on Population at Small Scales held in Palmerston North, New Zealand, in December 1974, and with Karl E. Johansen and Everett A. Wingert he prepared for publication a paper on logarithmic transformations of mobility data. In addition, a methodological paper by Chapman was published in a book on internal migration (see appendix).

Population resource systems of the Guadalcanal Weather Coast (Murray Chapman and Peter Pirie) Investigation of the extent to which the population-resource systems of the Guadalcanal south coast are functional and susceptible to future change. Field research carried out by a team of graduate students, assisted by Solomon Islanders, investigated population structure and relocation, fertility behavior, economic activity, health, child nutrition, education, and communications. During the year a draft report on the study was prepared and distributed for evaluation; the report will be revised and methodological sections added prior to publication.

Birth control, pregnancy, and abortion in Hawaii (James Palmore) In this ongoing cooperative study of the impact on fertility of the 1970 liberalized abortion legislation in Hawaii, emphasis is on the assessment of social and demographic effects of legalized abortion, and on an analysis of the decision-making process concerning sexual intercourse, contraceptive use, the planning of pregnancies, and whether to have an abortion or carry a pregnancy to term. During the year Palmore and his coinvestigators at the University of Hawaii prepared three articles for publication (see appendix).

Completed Projects

The role of mental maps in migration research (Gary Fuller) The aims of this pilot study were to embody the notion of place perception in migration research and to test for differences in place perception and for changes over time. East-West Center graduate students interviewed in 1971 and again in 1973 were asked to rank the contiguous states of the United States according to residential desirability. A generalized view was obtained by rank ordering each individual's mental map and subjecting the correlation matrix to a principal component analysis. An article reporting initial findings appeared in the winter 1974 issue of *International Migration Review*, and in April 1975 Fuller presented a final report on the study at the annual meeting of the Association of American Geographers (see appendix)

Evaluation of family planning services in the State of Hawaii (James Palmore) Working under a subcontract with the State Department of Health, Palmore and University of Hawaii coinvestigators Patricia Steinhoff and Roy Smith (project director) completed a study evaluating family planning services in the State of Hawaii. In August 1974 a booklength report entitled "Hawaii Family Planning Evaluation Annual Report 1973-74" by Smith and others was presented to the state and to concerned agencies and individuals

History of population theory (Johannes Overbeek) The compilation of selected readings in the history of demographic theory over the past 170 years. During the year a booklength manuscript comprising 26 annotated readings was completed.

New Projects

1974 census of American Samoa (Michael Levin and Peter Pirie) Levin and Pirie assisted the Development Planning Office of the Government of American Samoa to coordinate the 1974 census, which was taken in September. Census activities in which they participated included writing specifications for the data processing; training enumeration supervisors, enumerators, checkers, and coders; supervising the coding procedures, developing computer checking programs, and running the tabulations.

Fertility transition of Hawaii's Japanese population (Y. Scott Matsumoto and Eleanor Nordyke) An examination of the historical, social, and political factors related to the decline in fertility among the Japanese in Hawaii. Fertility trends will be traced from the plantation frontier period beginning in 1868 to the 1970s, during which second-generation Japanese Americans have achieved social and political prominence. A paper is in preparation for presentation at a conference on fertility transition, to be held in Kyoto, Japan, in December 1975.

Black fertility in the United States, 1897-1970 (Paul Wright and Peter Pirie) An investigation of the fertility decline among American Blacks after the Civil War, focusing on six southeastern states. The decline, and subsequent recovery, are related to the occurrence of venereal disease, in contrast to the more recent fertility decline among U.S. Blacks. A paper is in preparation to be presented at the 1976 meeting of the Association of American Geographers.

Influence of child mortality on fertility (Robert Retherford, Griffith Feeney, and Robert Gardner) This study examines the influence of child mortality on fertility and draws implications for population policy. It contains a large data-generation component, based mainly on an extension of the own-children method of fertility estimation and the Brass method of child mortality estimation as applied to several Asian countries. Retherford presented a general theoretical paper at the CICRED Seminar on Infant Mortality in Relation to the Level of Fertility held in Bangkok, Thailand, in May 1975 (see appendix). The investigators also prepared a comprehensive funding proposal covering the various phases of research. Cooperating in the study are the census and statistics offices of Indonesia, the Republic of Korea, Pakistan, the Philippines, and Thailand.

Demographic change and socioeconomic transformation (Peter Kunstadter and Marjorie Muecke) Socioeconomic data are related to demographic data to ascertain how processes in each system affect one another. The investigation will include the use of case studies from several locations in Asia and the Pacific where data are being collected on economics, family structure, and medical histories.

The Philippine population before 1900 (Peter C. Smith) An effort, in collaboration with the Population Institute, University of the Philippines, to inventory the nearly 1,000 parish archives in the Philippines; to extract from them monthly or annual aggregative data on births, deaths, marriages, and population change; and to assess on the basis of these data the major outlines of national, regional, and local population growth and the components thereof during the period 1591-1903. Some 400 local archives have already been inventoried and aggregative information has been obtained from about 50. The materials will ultimately permit broad regional coverage, focusing particularly on the period after 1750.

Social and economic correlates of labor underutilization (Peter C. Smith) Smith is examining the level of labor underutilization in the Philippines as measured by the ODA-CAMS underutilization framework to isolate major patterns of underutilization and their causes. A multivariate analysis will be used to assess the possible impact on labor underutilization of specific policy alternatives. This research is being conducted in collaboration with Lita Domingo of the Population Institute, University of the Philippines, under a grant from the Council for Asian Manpower Studies (CAMS).

Korean population policy and program evaluation (Lee-Jay Cho, Chai Bin Park, and James Palmore) A major study to design a new, cost-effective program delivery system, test its feasibility, measure its impact on fertility, and explore its replication throughout the Republic of Korea. The activity is being carried out over a period of three years in four stages. The first or preparation phase, completed in September 1975, tested the program hypotheses and evaluation procedure in an area near Pusan. The second, scheduled for completion in October, consists of a benchmark survey in the main study area of Cheju Province. In the third and fourth stages, the delivery system will be implemented (beginning early in 1976) and evaluated (in 1978). The project is a cooperative endeavor with the Korean government, Dong-A University, and the Korean Institute for Family Planning. Substantial support comes from the Agency for International Development

Graduate study

As the importance of demographic changes is recognized, an increasing number of countries are adopting policies and programs to deal with these changes. The effectiveness of these policies and programs depends on efforts to develop and improve both demographic data collection systems and the analytic techniques needed to put basic demographic data to policy and program use. There is thus a growing need for professional staff trained in demography to work in educational and research institutions, social and economic planning agencies, and population action programs.

The Institute program helps meet these human resource needs by providing persons in a variety of disciplines with specialized resources, opportunities for research, and financial support for graduate study at the University of Hawaii. The Institute maintains close contact with graduate departments of the University through joint appointments between the Institute and the University and through affiliate graduate faculty appointments of Institute staff. Institute staff with joint or affiliate graduate faculty appointments contribute heavily to the University Population Studies Program, in which Institute students receive basic training in demography and conduct individual research.

Graduate Degree Awards

Graduate degree awards are made annually and provide full support, including travel, tuition, accommodations, and a living allowance. Applicants from Asia and the Pacific are recruited and evaluated in cooperation with local committees, usually formed under the auspices of binational commissions. United States citizens apply directly to the East-West Center. Awards are based on academic qualifications and evidence of ability for and commitment to future population work and are contingent on acceptance of the individual for graduate study by the Graduate Division of the University of Hawaii. In accordance with East-West Center policy, awards are provided for two Asian or Pacific students for each United States student. Awards are made both for master's and doctoral level study. The program is notable for the wide range of countries and disciplines represented. Table 1 lists persons supported by Institute graduate degree awards during 1974-75. Table 2 shows Institute-supported students who received degrees during 1974-75.

In addition to awards for graduate study at the University of Hawaii, the Institute offers a limited number of grants to students

**Table 1. Students holding Institute scholarships, by degree sought, subject, country, and grant dates:
FY1975**

Degree sought and name	Subject	Country	Grant dates
DOCTORATE (23 STUDENTS)			
Wannaku Abayasekara	Geography	Sri Lanka	08/30/68–09/30/76
Rosie Ahsan	Geography	Bangladesh	01/02/71–02/17/76
Mehtabunisa Ali	Geography	India	08/12/72–01/28/76
Carol Ann Burch	Anthropology	United States	08/12/74–08/31/76
Sang-Chin Choi	Psychology	Republic of Korea	09/01/71–08/31/75
Cha Whan Chung	Anthropology	Republic of Korea	08/18/72–12/23/76
Arthur Hampson	Geography	United States	06/05/72–04/30/77
Sa Won Hong	Sociology	Republic of Korea	06/04/71–01/15/76
Katherine W. Keller	Anthropology	United States	06/05/72–01/20/77
Elliot Kushell	Sociology	United States	08/17/73–04/19/76
Hoon Koo Lee	Psychology	Republic of Korea	01/07/74–05/31/76
Ida Bagus Mantra	Geography	Indonesia	06/05/72–10/05/76
Kenneth L.K. Miu	Geography	Hong Kong	08/22/70–05/21/75
Shekhar P. Mukherji	Geography	India	08/01/70–04/05/75
Epictetus Patalinghug	Economics	Philippines	08/24/71–01/24/76
Ernest Priestley	Anthropology	United States	08/12/74–08/31/76
Anchalee Singhanetra	Geography	Thailand	05/21/74–05/31/76
Daniel Sowinski	Medicine	United States	06/05/72–11/08/74
Linda Stalb	Sociology	United States	08/12/74–01/13/77
Chitra Sundaram	Sociology	India	08/01/70–02/08/76
Soon Guan Tan	Genetics	Malaysia	06/05/72–12/25/75
Cindy Winegar	Law	United States	08/12/74–08/31/76
Paul Wright	Geography	United States	08/12/74–08/31/76
MASTER'S DEGREE (30 STUDENTS)			
Francis Buchmeier	Sociology	United States	08/12/74–12/22/75
Marianne Burkhart	Public Health	United States	08/17/73–09/23/75
Keng-Wei Chan	History	Hong Kong	08/12/74–12/22/75

Table 1. (continued)

Degree sought and name	Subject	Country	Grant dates
MASTER'S DEGREE (continued)			
Malinee Chaumpluk	Sociology	Thailand	08/17/73-07/19/75
Chun-Shing Chow	Geography	Hong Kong	08/17/73-09/26/75
John J. D'Amato	Anthropology	United States	08/17/73-05/19/75
Karen Eng	Public Health	United States	08/17/73-09/24/75
Najma Haque	Geography	Bangladesh	07/01/72-03/20/75
John Harbaugh	Anthropology	United States	08/12/74-12/22/75
Wun-Fai Hau	Economics	Hong Kong	08/17/73-05/19/75
Akhande S. Joshi	Geography	Nepal	08/18/72-08/20/74
Etuini Kelemeni	Geography	Tonga	08/12/74-11/22/76
Ja Young Koo	Political Science	Republic of Korea	05/21/74-12/22/75
Sung Yeal Koo	Economics	Republic of Korea	08/12/74-12/22/75
Keun-Moo Lee	Sociology	Republic of Korea	08/17/73-08/17/75
Julie Ann Marshall	Public Health	United States	08/17/73-10/01/75
Robert McDonough	Geography	United States	08/17/73-09/08/75
Clifford Michel	Sociology	United States	08/12/74-12/22/75
Haris Mudjiman	Geography	Indonesia	08/17/73-05/26/75
Alan T. Murakami	Economics	United States	08/17/73-09/20/75
Jin-Young Ro	History	Republic of Korea	08/12/74-12/22/75
Muhammad Saif	Anthropology	Pakistan	08/12/74-10/22/76
Robert W. Senser	Sociology	United States	08/17/73-07/04/75
Vicki Shambaugh	Geography	United States	08/17/73-04/01/76
Laura Slobey	Public Health	United States	08/12/74-06/22/76
Shui-Liang Tung	Economics	Republic of China	08/12/74-12/22/75
Stephen Wilson	Public Health	United States	08/12/74-12/26/75
Yusmilarso Wiroatmodjo	Sociology	Indonesia	05/21/74-12/22/75
Sweo-Chung Yang	Public Health	Republic of China	08/12/74-12/22/75
Fernando Zialcita	Anthropology	Philippines	08/12/74-12/22/75

Table 2. Institute students receiving degrees, FY1975

Name	Date of termination	Degree	Date awarded
Estrella Arellano	05/74	M.A., Economics	December 1974
Sang Jinh Byun	06/74	M.A., Economics	December 1974
Malinee Chaumpluk	05/75	M.A., Sociology	May 1975
Wun Fai Hau	05/75	M.A., Economics	May 1975
Paul A. Hetyey	01/74	M.A., Anthropology	December 1974
Akhande Joshi	07/74	M.A., Geography	December 1974
Elliot Kushell	12/74	M.A., Sociology	May 1975
Paul Meyer	06/72	M.A., Geography	August 1974
Naohiro Ogawa	06/74	Ph.D., Economics	May 1975
Sitara Qureshi	06/74	M.A., Social Work	August 1974
Ichiro Shirakawa	05/73	M.A., Economics	August 1974
Hananto Sigit	12/73	Ph.D., Economics	May 1975

pursuing doctorates at other universities. These grants, called joint doctoral intern grants, support dissertation research projects which are closely related to Institute research projects and which may derive unusual benefit from the specialized resources of the Institute. Exhibit 1 lists persons supported by joint doctoral intern grants during 1974-75.

The Institute also offers support to a number of University of Hawaii students interested in population who are funded by other sources such as the Population Council, the U.S. Agency for International Development, and University teaching assistantships. These students may work with staff members on Institute projects and take advantage of Institute training opportunities and facilities.

Field Study

A unique feature of East-West Center graduate degree awards is the opportunity for award recipients to design and undertake field education programs in Asian, Pacific, or U.S. mainland locations. Students submit proposals for field education, including a statement of purpose, a detailed schedule of activities and budget, and other relevant documentation, to a standing Institute committee for evaluation. Financing of approved proposals is subject to availability of funds. Exhibit 2 describes field education activities during 1974-75. The field education program provides major financial assistance to Institute award recipients for work on theses and dissertations. Theses and dissertations completed during 1974-75 are presented in Exhibit 3.

Exhibit 1. Recipients of joint doctoral intern awards, FY1975

Deborah Gewertz, Ph.D. candidate in Anthropology at City University of New York. Dissertation title: "An Investigation of the Integrative Potentials of Dispersed Networks." Dissertation research (September 1973 to September 1975) to determine whether political integration of New Guinea can be best brought about through homogeneous centralization based on Australian Colonial Government or through heterogeneous interconnectivity based on existing dispersed networks of economic exchange and population mobility. Field research affiliation: University of Papua New Guinea.

William H. Heaney, Ph.D. candidate in Anthropology at Columbia University. Dissertation title: "Labor Migration and Economic Change in the New Guinea Highlands: A Network Analysis." Dissertation research (January 1975 to January 1976) on the relationship between circular labor migration and economic change in the New Guinea Highlands. Field research affiliation: Department of Geography, University of Papua New Guinea.

Elizabeth Hutchins, Ph.D. candidate in Anthropology at University of Washington. Dissertation title: "Sociocultural Factors Related to Premature Interruption of Pregnancy." Dissertation research (March 1974 to March 1975) to discover and delineate specific sociocultural factors bearing on problems of reproductive outcome.

Marjorie Muecke, Ph.D. candidate in Anthropology at University of Washington. Dissertation title: "Fertility and Family Structure Among North Thai Urban Poor." Dissertation research (September 1974 to December 1975) to describe urban North Thai poor families in the context of the Thai social system and to examine the relationships among family structure, natality, health-illness status, beliefs and behavior, poverty, and migration in this social class as a means to discover what happens to culture in a modernizing city of a traditional peasant society.

Nancy Volk, Ph.D. candidate in Anthropology at University of Washington. Dissertation title: "Resettlement and Adaptation of a Montagnard Settlement." Dissertation research (September 1974 to August 1975) on how a group of Montagnards in South Vietnam adapts to a new social and natural environment as the result of resettlement. Field research affiliation: National Scientific Research Council.

Special Institute Resources

Graduate students associated with the Population Institute have access to several specialized resources valuable for study and research in population. The Resource Materials Collection of the Institute contains a wealth of demographic literature and data difficult to obtain or unavailable from other sources. The Institute also possesses an extensive

Exhibit 2. Field education, FY1975

Rosie Ahsan (Geography). Dissertation research (November 1973 to December 1974) in Bangladesh collecting primary, secondary, and archival data about nature and dynamics of residential mobility in an Eastern city, by reference to the case of higher-class residential areas in Dacca City. Field work affiliation: Department of Geography, Dacca University.

Marianne Burkhart (Public Health). Field research (May to August 1974) in Philippines to conduct study of vasectomy patients. Field work affiliation: Silliman University Medical Center, Dumaguete.

Leo Keng Wei Chan (History). Course work and dissertation research (June to August 1975) at Yenching Library, Harvard University, to examine the relationships between population growth and the political, social, and economic conditions in Fukien and Kwangtung, and the causes of emigration in these areas between 1850 and 1900. Field work affiliation: History Department, Harvard University.

Malinée Chaumpluk (Sociology). Course work (June to August 1974) in survey research techniques at the Institute for Social Research, University of Michigan.

Sang Chin Choi (Psychology). Dissertation research (May to September 1974) in Republic of Korea to study family planning attitudes and behavior in the light of recent advances in attitude theory and measurement. Field work affiliation: Korean Institute for Research in the Behavioral Sciences (KIRBS), Seoul.

Chun-Shing Chow (Geography). Dissertation research (December 1974 to April 1975) in Hong Kong to study the process of decision-making within the Hong Kong Family Planning Association in locating birth control clinics, and to evaluate the individual clinics. Field work affiliation: Social Research Center, Chinese University of Hong Kong.

Cha Whan Chung (Anthropology). Dissertation research (January 1974 to January 1975) in Republic of Korea to study ways rural villagers who migrate to Seoul affect the social structure of the city. Research in a village and in Seoul to learn how village groups are restructured to meet the new needs of city migrants. Field work affiliation: KIRBS, Seoul.

Karen Eng (Public Health). Internship (February to September 1975) with the Dena Sehat program, a prepaid community health insurance scheme in Indonesia, with the purpose of documenting the project and working on an evaluation method. Field study affiliation: Faculty of Public Health, Universitas Indonesia.

Najma Haque (Geography). Thesis research (February 1974 to January 1975) in Bangladesh investigating population density and distribution effect on social organization. Also collection of data on environment, settlement patterns, and social arrangements. Field work affiliation: Department of Geography, University of Dacca.

Exhibit 2. (continued)

Wun Fai Hau (Economics). Course work in survey research techniques (May to August 1974) at Institute for Social Research, University of Michigan.

Katherine Keller (Anthropology). Dissertation research (January 1975 to August 1975) in the Philippines to study the effects of population pressure on subsistence change among the Tagbanwa people. Field affiliation: Department of Anthropology, University of the Philippines.

Elliot Kushell (Sociology). Dissertation research (September 1975 to May 1977) in California to study the development of fertility attitudes in children and adolescents. Field work affiliation: Sociology Department, University of California at Long Beach.

Keun Moo Lee (Sociology). Course work (May to September 1975) in survey research techniques at the Institute for Social Research, University of Michigan.

Ida Mantra (Geography). Dissertation research (December 1974 to March 1976) in Indonesia to study the general pattern of migration behavior among people in rural areas, specifically in Central Java and the causes of both the movement of people and their resistance to movement. Field work affiliation: Institute of Population Studies, Gadjah Mada University.

Julie Ann Marshall (Public Health). Thesis research (April to August 1975) in Western Samoa to study morbidity data and environmental variables associated with infant diarrhea. Field work affiliation: Health Department, Government of Western Samoa.

Robert McDonough (Geography). Thesis research (May to October 1975) in Singapore to test the potential of the Earth Resources Technology Satellite (ERTS) system to study patterns of human-induced deforestation in parts of Southeast Asia. Field work affiliation: Department of Geography, Nanyang University.

Alan Murakami (Economics). Internship (June to September 1975) with the Institute for Population and Social Research, Mahidol University, in Thailand to study the effects of female labor force participation on fertility and the effect of income on fertility.

Epictetus Patalinghug (Agricultural Economics). Dissertation research (June to December 1975) in the Philippines to assess quantitatively the contribution of Philippine agricultural workers to agricultural growth. Field work affiliation: Population Institute, University of the Philippines.

Jin-Young Ro (History). Thesis research (June to August 1975) at Yenching Library, Harvard University, collecting data on the demographic and social structure of the *Sanum* community under the Yi dynasty in Korea. Field affiliation: Harvard Yenching Library, Harvard University.

Exhibit 2. (continued)

Robert W. Senser (Sociology). Internship (May to August 1974) at the Korean Institute for Research in the Behavioral Sciences in computer programming and developing programs and program skills for use by KIRBS.

Laura Slobey (Public Health). Internship (June to December 1975) in Indonesia to study the Cal-Pac Indonesia Health and Family Planning Program. Field affiliation: Faculty of Public Health, University of Indonesia.

Chitra Sundaram (Sociology). Field research (May 1974 to April 1975) in India to study changes in socioeconomic relationships between different segments of a village population resulting from changes in the manner in which agricultural production is organized, changes in the economic status of villagers, people's experiences with an agricultural improvement program and the family planning program, and changes in people's attitude toward family planning and use of birth control methods. Field work affiliation: Council for Social Development, New Delhi.

Stephen Wilson (Public Health). Internship (June to December 1975) in Indonesia with the Bureau of Statistics, studying rural-urban migration patterns. Field affiliation: Faculty of Public Health, University of Indonesia.

Cindy Winegar (Law). Internship (June to September 1975) with the Sierra Club Legal Defense Fund in San Francisco and studying the National Environmental Policy Act as it relates to population problems.

Sweo Chung Yang (Public Health). Course work (June to August 1975) in communication techniques in family planning at the University of Chicago.

collection of demographic data on computer tapes and punch cards. The Data Processing and Computing Unit of the Institute maintains a large number of computer programs for statistical analysis, offers short noncredit courses in computer use, and provides regular consulting hours for computer users. In addition the Institute sponsors an interdisciplinary weekly seminar that brings together students, staff, and visiting speakers. A list of speakers and topics of seminars during 1974-75 appears in Table 3.

The University Program in Population Studies

The Population Studies Program of the University of Hawaii was established in 1969 in the College of Arts and Sciences as an interdisciplinary graduate program in population under the supervision of a

Exhibit 3. Theses and dissertations completed, FY1975

MASTER'S DEGREE THESES

Paul Meyer (Geography), August 1974. Thesis title: "Demographic and Resource Use Differentials on 'Evo Island, Tonga." Advisor: Dr. Peter Pirie.

Sitara Qureshi (Social Work), August 1974. Thesis title: "Attitudes, Value Orientation of Users and Nonusers of Family Planning in Pakistan." Advisor: Dr. Fred Merritt.

DOCTORAL DISSERTATIONS

Naohiro Ogawa (Economics), May 1975. Dissertation title: "The Impact of the Aging of the Japanese Population upon Government Pension Schemes." Advisor: Dr. Johannes Overbeek.

Hananto Sigit (Economics), May 1975. Dissertation title: "Demographic Change, Consumption Patterns, and Planned Income Growth: A Two-Sector Study of the Economic Consequences of Alternative Fertility Reductions in Indonesia." Advisor: Dr. Paul Demeny.

committee composed of the director of the Program and the Departments of Anthropology, Economics, Geography, and Sociology. The Program offers a Certificate in Population Studies for which a student must successfully complete 15 credits of population related course work and demonstrate a knowledge of demography and of population aspects of the student's primary discipline. During the 1974-75 year five Institute students were awarded the Certificate in Population Studies. The following Institute research associates contributed to the Population Studies Program during 1974-75:

Dennis Chao, research associate and assistant professor of Economics

Murray Chapman, research associate and associate professor of Geography

Lee-Jay Cho, Institute director and professor of Sociology

Griffith Feeney, research associate and affiliate graduate faculty in Sociology

Gary Fuller, research associate and associate professor of Geography

Robert Gardner, research associate

Alan Howard, research associate, professor of Anthropology, and director of the Population Studies Program

Peter Kunstadter, research associate and affiliate graduate faculty in Anthropology

Y. Scott Matsumoto, research associate and professor of Public Health

James Palmore, research associate and professor of Sociology

Table 3. Institute weekly seminar series, FY1975

Date	Speaker	Topic
09/18/74	Lee-Jay Cho	The East-West Population Institute: Programs and Prospects
09/25/74	Griffith Feeney	Educational Enrollment Projections for Malaysia A Practical Discussion of Theoretical Issues in Projection and Prediction in Demography
10/02/74	Arthur Getis, Professor of Geography, Rutgers University and Visiting Professor, School of Architecture and Urban Planning, Princeton University	Models of the Spatial Patterns of Population Change: Some Thoughts on the Nature of Economic Development and Settlement Size Changes
10/07/74	Kwang Woong Kim, Assistant Professor, Graduate School of Public Ad- ministration, Seoul National University	A Comparative Study on the Administration of Family Planning Programs in the ECAFE Region for the Korean National Study: Organizational Determinants of Performance in Family Planning Services
10/08/74	Doris Tamanaha	Population Studies Students and the Computer
10/15/74	Johannes Overbeek	Limits to Growth—A Comment
10/21/74	Wen Lang Li, Associate Professor of Sociol- ogy, Ohio State University	Migration Research in Korea
10/23/74	Eleanor C. Nordyke	The Demography of Hawaii from an Historical and Environmental Perspective
10/30/74	Monica S. Fong, Fellow, Population Institute	Some Theoretical Considerations on the Relation Between Female Employment and Fertility
11/08/74	Leonardo J. Mata, Instituto de Nutricion de Centro America Y Panama	Nutrition and Infection, Socio-economic Development, and Population Growth
11/12/74	Gordon F. DeJong, Professor of Sociology and Director of Population Issues Research Office, Pennsylvania State University	International Migration and New Towns
11/13/74	Robert D. Retherford	The Influence of Child Mortality on Fertility: A Typology of Mechanisms

Table 3. (continued)

Date	Speaker	Topic
11/20/74	Paul T. Baker, Professor of Anthropology, Pennsylvania State University	Some Biological Causes and Consequences of Andean Migration
11/22/74	Iaropolk N. Guzevatyi, Senior Research Fellow, Institute of Oriental Studies, Academy of Sciences of the U.S.S.R.	Soviet Scholars' General Methodological Approach to the Study of Population Problems
11/27/74	Iaropolk N. Guzevatyi	Demographic Situation and Policy in the U.S.S.R.
12/18/74	Lawrence Brown, Professor of Geography, Ohio State University	Market and Infrastructure, Context, Innovation, Adoption, and Diffusion
03/18/75	David L. Kaplan, Assistant Director, Bureau of the Census, Washington, D.C.	Plans for the 1980 U.S. Census
03/31/75	Elaine Schroeder, School of Social Work, University of Washington	Sexual Behavior and Beliefs Among Chetri-Brahmin Women in Nepal
04/11/75	Dennis N.W. Chao	Some Theoretical Considerations of the Effect of Uncertainty on Family-Size Decision Making
04/25/75	Johannes Overbeek	Population Policy: Issues and Solutions
04/29/75	Murray Chapman	The Use of Oral History and Analytical Cartography to Reconstruct Residential Mobility
05/02/75	Nancy E. Williamson, Fellow, Population Institute	Sex Roles and Fertility: Evidence and Speculation

Chai Bin Park, research associate and professor of Public Health

Peter Pine, research associate and professor of Geography

Robert Retherford, research associate and affiliate graduate faculty in Sociology

During 1974-75 the Program offered three graduate lecture courses in demography—Introduction to Demography (Population Studies 650), Methods of Demographic Analysis (Population Studies 691), and Techniques of Estimation from Limited Data (Population Studies 692); an Interdisciplinary Seminar (Population Studies 750); and nu-

merous Directed Reading and Research courses (Population Studies 699). All of these courses were taught either by persons holding joint appointments with the Institute and the University or by Institute staff with affiliate graduate faculty appointments at the University.

Professional development

The Institute conducts a professional development program of conferences, seminars, workshops, and internships designed to meet the need for population research and training in the Asian-Pacific region. The principal objectives of this program, which is closely integrated with EWPI research and institutional cooperation, are to stimulate and develop collaborative research activities of mutual East-West concern, to provide short-term demographic training for persons currently working in the population field who need to acquire expertise in specific areas, and to provide a forum for the exchange of scientific, technical, and policy-related information. A list of the conferences, seminars, and workshops sponsored by the Institute during FY1975 is found in Table 4. Professional development activities in each of the major problem areas of Institute concentration are described briefly in succeeding pages.

Demographic Estimation and Analysis

Four conferences and workshops focusing on techniques of demographic measurement took place during the year. In addition, 12 research interns worked in this area.

Workshop on the Own-Children Method of Fertility Estimation

A Workshop on the Own-Children Method of Fertility Estimation brought statisticians and computer programmers from Bangladesh, Pakistan, the Republic of Korea, Japan, Indonesia, and Thailand to the Institute in November and December 1974. The principal aim of this workshop was to further the development and application of a general computer package that would be easily adaptable to individual censuses in different countries for producing fertility tabulations based on the own-children method. Four computer programmers worked at the Institute from 16 November to 15 December to review the general own-children package and to adapt it to their own countries' needs. Nine statisticians from seven cooperating countries joined the programmers during 25-28 November to discuss cost considerations of data processing and tabulation plans. Experience gained in this workshop also contributed to preparations for a handbook on the own-children method of fertility estimation

Lee-Jay Cho and Robert Retherford coordinated the workshop with assistance from Victoria Ho and Minja Choe and from consultants Howard Brunsman and Ann Midkiff. Participants in the workshop are listed below.

Table 4. Institute-sponsored conferences and workshops, FY1975

Conference	Dates	Number of persons attending		
		Participants	Interns	Observers
Fifth Summer Seminar in Population	17 June—19 July 1974	56	15	
Training Course in Population Statistics (Suva, Fiji)	15 July—2 August 1974	18		
Population Dynamics Seminar	2 August 1974	32		
Fourth Value of Children Workshop (Manila, Philippines)	28 October—1 November 1974	11		1
Workshop on the Own-Children Method of Fertility Estimation	25—27 November 1974	10	6	
Census Evaluation Workshop	Various dates in November and December 1974	3		
Workshop on Census Measurement of Socioeconomic Status	9—13 December 1974	20		
Population Socialization Conference	16—21 December 1974	44		13
Fourth Population Census Workshop-Conference	19—23 May 1975	23		
Second Conference on International Migration from the Philippines	2—6 June 1975	26		
Conference on the Measurement of Preferences for Number and Sex of Children	2—5 June 1975	19		
Sixth Summer Seminar in Population	16 June—19 July 1975	52	3	5
Fifth Value of Children Workshop (Seoul, Republic of Korea)	30 June—4 July 1975	13		3
TOTAL	13	327	24	22

BANGLADESH

Bazlur Rahman, Census Commission

INDONESIA

Sri Budianti, Central Bureau of Statistics

Si Gde Made Mamas, Central Bureau of Statistics

*Pajung Surbakti, Central Bureau of Statistics

JAPAN

Sho Akashi, Bureau of Statistics

REPUBLIC OF KOREA

*Ki Hyo Lee, Bureau of Statistics

PAKISTAN

*Mohammad Ibrahim Khan, Census Organization

G. Mujtaba Mirza, President's Secretariat

THAILAND

*Neramit Dhanasakdi, National Statistical Office

*Jain Niroottananont, National Statistical Office

Mathana Pananiramai, National Statistical Office

*Pichai Saiyasombati, National Statistical Office

UNITED STATES

Pat Anderson, Bureau of the Census

Howard Brunsman, Arlington, Virginia

Michael Hewett, Bureau of the Census

Ann Midkiff, University Research Corporation, Honolulu

*EWPI research intern.

Census Evaluation Workshop

As part of a continuing effort to develop methods of census evaluation, three individuals—Jae-Young Park, consultant to the Bureau of Statistics, Republic of Korea; V.T. Palan, senior statistician with the Department of Statistics, Government of Malaysia; and Eli Marks, chief census research and technical advisor, United States Bureau of the Census—worked at the Institute for varying periods in November and December 1974. In consultation with Lee-Jay Cho and other EWPI staff they worked on specific problems of census evaluation in their own countries.

Workshop on Census Measurement of Socioeconomic Status

Acting on the recommendation of the Third Population Census Tabulation Conference, held at the East-West Center in March 1974, the Institute sponsored a Workshop on Census Measurement of Socioeconomic Status to prepare background materials on alternative measures of socioeconomic status (SES). Twenty high-level representatives from India, Indonesia, the Republic of Korea, Malaysia,

the Philippines, Thailand, and the United States met in Honolulu from 9 to 13 December 1974 to discuss the use of SES measures as social indicators, the relationship of SES to demographic data sources, and techniques for measuring SES, including data tabulation and analysis.

James Palmore organized the workshop. EWPI staff members Lee-Jay Cho and Robert Retherford and fellow Monica Fong were participants. Other workshop participants were:

INDIA

K.K. Chakravorty, Ministry of Home Affairs

INDONESIA

Dwight King, Central Bureau of Statistics

Sam Suharto, Data Processing Center, Central Bureau of Statistics

REPUBLIC OF KOREA

Yong Kyu Choi, Bureau of Statistics

Hak Chung Choo, Korean Development Institute

MALAYSIA

Dorothy Fernandez, Department of Statistics

Rabieyah Bte Mat, Department of Statistics

N.T. Mathew, Department of Statistics

PHILIPPINES

Wilhelm Flieger, Department of Sociology, San Carlos University

THAILAND

Boonlert Leoprapai, Institute for Population and Social Research, Mahidol University

Pichit Pitaktepsombati, Institute of Population Studies, Chulalongkorn University

Anuri Wanglee, Population Survey Division, National Statistical Office

UNITED STATES

Samuel Baum, Bureau of the Census

David Featherman, Madison, Wisconsin

Abbott L. Ferriss, Department of Sociology and Anthropology, Emory University

Song-Min Kim, Department of Sociology, Iowa State University

Charles B. Nam, Population and Manpower Research Center, Florida State University

David Sly, Institute for Social Research, Florida State University

Donald J. Treiman, Center for Population Research

Stephen Yeh, Department of Sociology, University of Hawaii

Fourth Population Census Workshop-Conference

A fourth meeting of high-level Asian, Pacific, and U.S. census officials and researchers engaged in the analysis of census data was sponsored by the Institute during 19-23 May 1975. The conference focused on intercensal demographic measurement. Reports from each country outlining its activities in this area were followed by sessions on the measurement of socioeconomic status, data evaluation, own-children research, measurement of nuptiality and its relation to child mortality, data dissemination, measurement of labor utilization, and measurement of internal migration and urbanization.

The census conference is part of a larger Institute project involving research, professional development, and institutional cooperation. The project enables staff members from a number of cooperating census organizations to come to the Institute for one to 12 months as research interns in order to work on particular aspects of their census tabulation and analysis program and to receive specialized training in demographic methods.

Lee-Jay Cho coordinated the conference. Institute staff participants included Fred Arnold, Griffith Feeney, Robert Gardner, Betsy Gould, Alice Harris, James Palmore, Robert Retherford, Peter Smith, and Sandra Ward. Other conference participants were:

AUSTRALIA

Keith S. Watson, Australian Bureau of Statistics

BANGLADESH

Riazuddin Ahmad, Ministry of Home Affairs

CANADA

Edmund M. Murphy, Research Projects Group, Manpower and Immigration

HONG KONG

Colin C. Greenfield, Census and Statistics Department

INDIA

K.K. Chakravorty, Ministry of Home Affairs

INDONESIA

Abdulmadjid, Central Bureau of Statistics

Sam Suharto, Data Processing Center, Central Bureau of Statistics

JAPAN

Hirokazu Ito, Tabulation Division, Bureau of Statistics

Hirohiko Koyama, Population Census Section, Bureau of Statistics

REPUBLIC OF KOREA

Shin-Kyu Chang, Bureau of Statistics

NEW ZEALAND

Terence O. Papps, Department of Statistics

PAKISTAN

Brig. Abdul Latif, President's Secretariat

*Charles Nobbe, The Ford Foundation

SINGAPORE

Chian-Kim Khoo, Department of Statistics

SRI LANKA

Thambiah Nadarajah, Department of Census and Statistics

TAIWAN

Tun-yih Lu, Directorate General of Budget, Accounting and Statistics

THAILAND

Samruay Chotechanapibal, Population Census Unit, National Statistical Office

Anuri Wanglee, Population Survey Division, National Statistical Office

UNITED STATES

Samuel Baum, Bureau of the Census

Philip M. Hauser, Population Studies Center, University of Chicago

John Edmund Lawson Jr., Office of Population, Agency for International
Development

Eli S. Marks, Bureau of the Census

Charles B. Nam, Center for the Study of Population, Florida State University

*Observer.

Research Internships

Twelve persons held research internships related to demographic estimation and analysis. Nine of these interns came from cooperating census and statistical bureaus to participate in various specialized census projects, including the own-children analysis. Of these, two from the National Statistical Office in Thailand spent 12 months at the Institute and the International Statistical Programs Office of the U.S. Census Bureau taking courses in general demographic methods and doing specialized work in labor force measurement. Three other internships were awarded to persons working on various aspects of the demographic situation in Asia, the Pacific, and the United States.

Research interns and their research activities in this program area were:

HONG KONG

Siu-ming Tam, Census and Statistics Department, 6/01/74-7/15/74: Age-parity-specific birth rates from census data on own children

INDONESIA

Pajung Surbakti, Central Bureau of Statistics, 10/11/74–12/10/74: Workshop on Own-Children Method of Fertility Estimation

Yuwono, Central Bureau of Statistics, 6/01/74–7/15/74: Age-parity-specific birth rates from census data on own children

REPUBLIC OF KOREA

Ki Hyo Lee, Bureau of Statistics, Economic Planning Board, 9/30/74–12/30/74: Workshop on Own-Children Method of Fertility Estimation

PAKISTAN

Mohammad Ibrahim Khan, Division of Statistics, 10/11/74–12/10/74: Workshop on Own-Children Method of Fertility Estimation

PHILIPPINES

Emma A. Franco, National Census and Statistics Office, 6/01/74–7/15/74: Age-parity-specific birth rates from census data on own children

THAILAND

Neramit Dhanasakdi, National Statistical Office, 8/12/74–7/27/75: Demographic situation in Thailand

Jain Niroottinanont, National Statistical Office, 8/12/74–7/27/75: Demographic situation in Thailand

Pichai Sayasombati, Data Processing Division, National Statistical Office, 11/11/74–12/10/74: Workshop on Own-Children Method of Fertility Estimation

UNITED STATES

Arthur Getis, Department of Geography, Rutgers University, 9/15/74–10/15/74: Demographic transition in Asia

Peter A. Kuo, Department of Humanities, Chaminade College, 1/15/75–6/15/75: Demographic transition in Asia

Leslie Sue Lieberman, Noll Laboratory for Human Performance Research, Pennsylvania State University, 3/01/75–5/31/75: Population growth rates in the Pacific

Causes and Consequences of Demographic Behavior

The Institute sponsored four conferences and workshops and five research internships focusing on demographic determinants and consequences during FY1975.

Fourth Value of Children Workshop

With the Committee for Comparative Behavioral Studies in Population (COMBEP) the Institute co-sponsored the fourth workshop on the Value of Children project, held 28 October to 1 November 1974 in Manila, Philippines. Present were 12

participants from nine countries (Canada, Indonesia, the Republic of Korea, the Philippines, Singapore, Taiwan, Thailand, Turkey, and the United States) who met to evaluate the results of the Phase II pilot survey and to prepare a final core questionnaire for the larger Phase II study. The Phase II research seeks to develop a broader understanding of the costs and satisfactions of children as perceived by parents and childless couples. During the workshop national project directors involved in Phase I also reviewed their reports on the first phase of the project in preparation for Institute publication of the reports.

EWPI staff members attending this conference were Sonia Albores, Fred Arnold, and Sandra Ward. Other participants were:

AUSTRALIA

Russell Darroch, Department of Psychology, Australian National University

CANADA

*Alan Simmons, International Development Research Centre

INDONESIA

Masri Singarimbun, Institute of Population Studies, Gadjah Mada University

REPUBLIC OF KOREA

Sung Jin Lee, Korean Institute for Research in the Behavioral Sciences

PHILIPPINES

Rodolfo A. Bulatao (workshop coordinator), Department of Sociology, University of the Philippines

SINGAPORE

Betty Jamie Chung, Institute of Southeast Asian Studies
James T. Fawcett, The Population Council

TAIWAN

Tom Te-Hsiung Sun, Taiwan Provincial Institute of Family Planning
Tsong-Shien Wu, Department of Agricultural Extension, National Taiwan University

THAILAND

Chalio Buripakdi, Department of Teacher Training, Ministry of Education

TURKEY

Cigdem Kagıtcıbası, Department of Economics and Social Sciences, Bogazici University

UNITED STATES

Lois W. Hoffman, Department of Psychology, University of Michigan

*Observer.

Population Socialization Conference

As part of a larger research effort to examine the ways in which people acquire population-related attitudes and values, the Institute sponsored a Conference on Population Socialization during the week 16-21 December 1974. The conference brought together 44 researchers, faculty members, and government representatives from Australia, Hong Kong, India, Indonesia, the Republic of Korea, Malaysia, the Philippines, Singapore, Thailand, the United States, and the Republic of Vietnam for the purpose of reviewing previous and current research in this field. Thirteen observers also attended the conference. Conference participants discussed needed and immediately feasible research projects in the area of population socialization.

James Palmore organized and convened the conference. Other staff members participating were Sonia Albores, Lee-Jay Cho, Alan Howard, Susan Palmore, and Robert Retherford; fellow Monica Fong was also a participant. Others who took part in the conference are listed below.

AUSTRALIA

Tony Johnston, Department of Education, Macquarie University

HONG KONG

Pedro Ng, Social Research Center, Chinese University of Hong Kong

INDIA

Indra Deva, Department of Sociology, Ravishankar University
Ranga Rao, Department of Sociology, Andhra University

INDONESIA

Haryono Suyono, National Family Planning Coordinating Board

REPUBLIC OF KOREA

Sang Joo Lee, Korean Institute for Research in the Behavioral Sciences

MALAYSIA

Mohammad Nor Abdullah, Malaysian Center for Development Study

PHILIPPINES

Teresa M. Andrade, Department of Education and Culture
Elizabeth Bulatao, Population Center Foundation
Luis Q. Lacar, Department of Social Work, Silliman University
Pedro V. Lorenzo, Commission on Population
Cristina E. Mamuri, Department of Education and Culture
Eduardo Roberto, Population Center Foundation
Antonio Ulgado, Philippine Women's University
Paulita Ulgado, Philippine Women's University

SINGAPORE

Betty Jamie Chung, Institute of Southeast Asian Studies
James T. Fawcett, The Population Council

SWITZERLAND

*Nicholas Danforth, Population Focal Point, International Labor Office

THAILAND

Preecha Dhunma, Bangkok Institute of Child Study, Sri Nakharinwirot University

Sultan Hashmi, General Demography Section, Economic and Social Commission for Asia and the Pacific (ESCAP)

Suwanlee Piampiti, National Institute of Development Administration

UNITED STATES

Joan Aldous, Department of Child and Family Development, University of Georgia

Donald J. Bogue, Community and Family Study Center, University of Chicago

Yvonne Brackbill, Department of Obstetrics and Gynecology, Georgetown University

Larry Bumpass, Center for Demography and Ecology, University of Wisconsin

Andrew Davidson, Human Affairs Research Center, Battelle Institute

Adrienne German, The Ford Foundation

Janet Griffith, Department of Sociology, Bryn Mawr College

Susan O. Gustavus, Department of Sociology, University of Cincinnati

Philip M. Hauser, Population Research Center, University of Chicago

*William Heaney, East-West Population Institute

Lois W. Hoffman, Department of Psychology, University of Michigan

*Sa Won Hong, East-West Population Institute

Carl A. Huether, Department of Biological Sciences, University of Cincinnati

Herbert Hyman, Department of Sociology, Wesleyan University

*Larry Kincaid, East-West Communication Institute

*Elliot Kushell, East-West Population Institute

Everett S. Lee, Institute for Behavioral Research, University of Georgia

Gerald E. Markle, Department of Sociology, Western Michigan University

*Anthony Marsella, Department of Psychology, University of Hawaii

Byron Massialas, College of Education, Florida State University

*Clifford Michel, East-West Population Institute

*John Middleton, East-West Communication Institute

*Marjorie Muecke, East-West Population Institute

David E. Mutchler, Office of Population, Agency for International Development

Charles B. Nam, Institute for Social Research, Florida State University

*Lalit Niyamanont, East-West Communication Institute

Ronald Pion, School of Public Health, University of Hawaii

Thomas Poffenberger, Department of Population Planning, University of Michigan

Harriet B. Presser, International Institute for the Study of Human Reproduction, Columbia University

*David Radel, East-West Communication Institute

*Wilbur Schramm, East-West Communication Institute

Nazif Shahrani, Department of Anthropology, University of Washington

Robert Textor, Department of Anthropology, Stanford University

Peter Wernick, Ithaca, New York
 *Robert Worrall, East-West Communication Institute

REPUBLIC OF VIETNAM

Thi Que Le, Department of Human Sciences, University of Saigon

*Observer.

Second Conference on International Migration from the Philippines

The Second Conference on International Migration from the Philippines brought together 26 persons from Canada, Guam, Japan, the Philippines, and the United States for an in-depth discussion of previously circulated papers on various aspects of migration of Filipinos. The conference, held during 2-6 June 1975, followed up an earlier conference on Filipino migration sponsored by the Institute in June 1974. Topics covered in the second conference included: Filipino migration to the United States in historical perspective, the "brain drain" problem; outmigration and the barrio; social and cultural adaptation; and psychological studies of Filipino migrants.

The conference was organized by Alan Howard with assistance from Kajorn Howard. Sonia Albores and Peter Smith of the EWPI staff and Beverly Hackenberg and Robert Hackenberg, senior fellows, participated. Other participants were:

CANADA

Cleto Buduhan, Department of Anthropology and Sociology, University of British Columbia
 Henry Lewis, Department of Anthropology, University of Alberta

GUAM

Roy Chung, Social Science Institute, University of Guam

JAPAN

Dorita Clifford, Sophia University, Ichigaya Campus

PHILIPPINES

Ledivina V. Carino, College of Public Administration, University of the Philippines
 Josefina Cortes, Division of Education and Training, National Science Development Board
 Cristina P. Parel, The Statistical Center, University of the Philippines

UNITED STATES

Ricardo G. Abad, Department of Sociology and Anthropology, Fordham University
 Ruben Alcantara, Department of American Studies, University of Hawaii
 Edwin B. Almirol, Mount Holyoke College
 Purita F. Asperilla, Beth Israel Medical Center, New York
 Josefina J. Card, American Institute for Research
 Richard Collier, Department of Social Science, Kauai Community College

UNITED STATES (continued)

Sheila Forman, Maunaloa, Molokai, Hawaii

Stephen Griffiths, Department of Anthropology, University of Hawaii

Evelyn Hernandez, Department of Anthropology, University of Hawaii

Charles Keely, Department of Sociology and Anthropology, Fordham University

Bruce Koppel, East-West Technology and Development Institute

Danilo E. Ponce, Children's Mental Health Services Branch, Leahi Hospital, Honolulu

Moreno Requiza, Department of Anthropology, Syracuse University

Rose Marie Rhoads, Department of Sociology, Arizona State University

Shiro Saito, Hamilton Library, University of Hawaii

Kenneth Sanborn, Institute of Behavioral Sciences, Honolulu

Miriam Sharma, Honolulu, Hawaii

William Whittaker, Washington, D.C.

Aram Yengoyan, Department of Anthropology, University of Michigan

Conference on the Measurement of Preferences for Number and Sex of Children

In cooperation with the International Union for the Scientific Study of Population and the Committee for Comparative Behavioral Studies in Population, the Institute sponsored a Conference on the Measurement of Preferences for Number and Sex of Children which took place at the East-West Center, 2-5 June 1975. Nineteen participants from seven countries met to discuss tabulations and analyses of data on the preferences for number and sex of children; the analyses use both new and previously collected survey data and permit cross-national comparisons. The conference focused on the Coombs Scale, a method that has been successfully used for preference measurement. The agenda included presentation of the general methodology, progress reports on research projects employing the method, and reports on other current research in the field employing different methodologies.

James Palmore coordinated the conference with Ronald Freedman of the Population Studies Center, University of Michigan. EWPI participants were staff members Dennis Chao, Chai Bin Park, and Robert Retherford and fellow Nancy Williamson. Other participants were:

CANADA

Alan Simmons, International Development Research Centre

HUNGARY

Andras Klinger, Population Statistics Department, Hungarian Central Statistical Office

Egon Szabady, Hungarian Central Statistical Office, Demographic Research Institute

REPUBLIC OF KOREA

Jae Ho Cha, Department of Psychology, Seoul National University

Bom Mo Chung, Korean Institute for Research in the Behavioral Sciences

Hae Young Lee, Population and Development Studies Center, Seoul National University

PHILIPPINES

Rodolfo A. Bulatao, Department of Sociology, University of the Philippines
 Diónisia Dela Paz, Population Institute, University of the Philippines

TAIWAN

Tom T.H. Sun, Committee on Family Planning, Taiwan Provincial Health
 Department
 Kuo-shu Yang, Department of Psychology, National Taiwan University

THAILAND

Suchart Prasithrathsint, Department of Social Sciences, Mahidol University

UNITED STATES

Ansley J. Coale, Office of Population Research, Princeton University
 Clyde Coombs, Department of Psychology, University of Michigan
 Lolagene Coombs, Population Studies Center, University of Michigan
 Ronald Freedman, Population Studies Center, University of Michigan
 Lois Hoffman, Department of Psychology, University of Michigan
 John Knodel, Department of Sociology, Brown University
 Paul Chun-Kuen Kwong, Department of Population Sciences, Harvard University
 William F. Pratt, Family Growth Survey Branch, National Center for Health
 Statistics

Fifth Value of Children Workshop

The Fifth Workshop on the Value of Children project was held in Seoul, Republic of Korea, from 30 June to 4 July 1975. Project directors and research staff from eight countries participating in the second phase of the project met to hear reports on the preliminary data analyses from Indonesia and the United States, which have completed data collection, and progress reports from the other countries. The workshop was co-sponsored and organized by the Committee for Comparative Behavioral Studies in Population, which is headquartered in Seoul.

EWPI staff attending the workshop were Sonia Albores and Fred Arnold. Other workshop participants were:

AUSTRALIA

Russell Darroch, Department of Psychology, Australian National University

CANADA

*Alan Simmons, International Development Research Centre

INDONESIA

Masri Singarimbun, Institute of Population Studies, Gadjah Mada University

REPUBLIC OF KOREA

Bom Mo Chung, College of Education, Seoul National University
 Sang Joo Lee, Korean Institute for Research in the Behavioral Sciences

REPUBLIC OF KOREA (continued)

Sung Jin Lee (workshop coordinator), Korean Institute for Research in the Behavioral Sciences

PHILIPPINES

Rodolfo A. Bulatao, Department of Sociology, University of the Philippines

SINGAPORE

Betty Jamie Chung, Institute of Southeast Asian Studies

James T. Fawcett, The Population Council

TAIWAN

Tsong-Shien Wu, Department of Agricultural Extension, National Taiwan University

THAILAND

Chalio Buripakdi, Department of Teacher Training, Ministry of Education

Visid Prachuabmoh, Institute of Population Studies, Chulalongkorn University

*Ozzie G. Simmons, The Ford Foundation

TURKEY

Cigdem Kagitcibası, Department of Economics and Social Sciences, Bogazici University

UNITED STATES

Lois W. Hoffman, Department of Psychology, University of Michigan

*Lyle Saunders, The Ford Foundation

*Observer.

Research Internships

Six interns—two each from Thailand and the United States, and one each from the Republic of Vietnam and Yugoslavia—conducted research related to the causes and consequences of demographic behavior. Three of these interns spent between eight and 12 months at the East-West Center combining Population Studies coursework with their research. Two of the interns spent six months at the Center, one working on a proposal concerning activity structures and demographic behavior in Thailand, the other working with senior fellow Robert Hackenberg on a study of mobility and fertility. The sixth intern, on sabbatical leave from the University of Illinois, wrote up results from his research on population movement in nonliterate societies.

The six interns and their research topics are listed below.

THAILAND

Snit Smuckarn, National Institute of Development Administration, 6/01/74–11/31/74: Mobility and fertility in Southeast Asia

Salaya Sukanivatt, Department of Social Sciences and Humanities, Kasetsart University, 11/15/73–7/31/74: Mobility and fertility in Southeast Asia

UNITED STATES

Thomas C. Cloyd, Department of Anthropology, University of Colorado, 1/15/75–7/30/75: Mobility and fertility in Southeast Asia

Harold M. Ross, Department of Anthropology, University of Illinois, 9/01/74–5/31/75: Population movement in nonliterate societies

REPUBLIC OF VIETNAM

Thi An Nguyen, National Institute of Statistics, 8/12/74–8/25/75: Mobility and fertility in Southeast Asia

YUGOSLAVIA

Miroslav B. Lalovic, Demographic Research Center, 8/15/73–8/14/74: Comparative fertility studies

Population Policies and Programs

The Institute sponsored two seminars, one training course, and 12 research internships focusing on population policies and programs.

Fifth and Sixth Summer Seminars in Population

The annual Summer Seminar in Population is the most ambitious professional development activity undertaken by the Institute. The 1973-74 annual report includes a description of the Fifth Summer Seminar, which took place from 17 June to 19 July 1974. The Sixth Summer Seminar was held in Honolulu from 16 June to 12 July and in Seoul, Republic of Korea, from 13 to 19 July 1975. Sixty persons from 15 countries participated in the seminar, which concentrated on developing knowledge of population issues, improving demographic skills, and the writing of research proposals in fields related to population. Research proposals focused on seven areas—urban community studies on demographic topics, economic determinants and consequences of population growth, studies in population movement, analysis of census and survey fertility data, population socialization, operations research in family planning, and emerging research in social demography.

A one-week field trip to the Korean Institute for Family Planning in Seoul, Republic of Korea, complemented the academic portion of the program.

Robert Retherford coordinated the seminar. Susan Palmore served as assistant coordinator and Amy Jenks was special assistant. Institute faculty for the seminar were Dennis Chao, Murray Chapman, Lee-Jay Cho, Griffith Feeney, Robert Gardner, Peter Kunstadter, Johannes Overbeek, James Palmore, Chai Bin Park, Peter Smith, and senior fellow Robert Hackenberg. Seminar participants are listed below.

BANGLADESH

Abdul Kader Faquir, Census Commission

Nazrul Islam, Department of Geography, University of Dacca

FIJI

Naibuka B. Navunisaravi, Bureau of Statistics

INDIA

Sudhin K. Mukhopadhyay, Department of Economics, University of Kalyani
G. Rama Rao, International Institute for Population Studies

INDONESIA

Djamasri Adenan, Institute of Population Studies, Gadjah Mada University
Sri Harijati Hatmadju, Faculty of Economics, University of Indonesia
Sujana Jatiputra, Faculty of Public Health, University of Indonesia
Kodiran, Institute of Population Studies, Gadjah Mada University

JAPAN

Tatsuya Itoh, Institute of Population Problems

REPUBLIC OF KOREA

Chan-Wha Chun, Ewha Women's University
In Kim, Department of Geography, Seoul National University
Nan-Hee Kim, Korean Institute for Family Planning
Ock-Kyung Kim, Center for Population and Family Planning, Yonsei University
Suk Hyun Kim, Institute of East and West Studies, Yonsei University
Nam-Kyoon Oh, Korean Institute for Family Planning

MALAYSIA

Hari Abdullah, Department of Sociology, University of Malaysia
Chow Pheng Lai, Department of Geography, University of Malaysia
Lee-Ying Soon, Faculty of Economics and Administration, University of
Malaysia
Nai Peng Tey, National Family Planning Board

NEW ZEALAND

A. Crosbie Walsh, Department of Geography, Massey University

PAKISTAN

S. Sajjad Hussain, Census Organization
S.M. Ishaque, Statistics Division
Mehrab S. Karim, Pakistan Institute of Development Economics
Makhdoom A. Shah, Pakistan Institute of Development and Economics, Uni-
versity of Islamabad
Nasra M. Shah, Pakistan Institute of Development and Economics, University
of Islamabad

PHILIPPINES

Macrina K. Abenoja, Office for Population Studies, University of San Carlos
Diwata A. Baluyut, U.S. Agency for International Development
Maria Cynthia Banzon, Department of Sociology, University of the Philippines
Nellie V. Mangubat, Population Institute, University of the Philippines

Eulalio Maturan, Department of Social Sciences, Silliman University
Clarita E. Tan, Xavier University

SINGAPORE

Pedro Flores, International Development Research Centre

SRI LANKA

Celina M.A. Aluvihare, Kelaniya
Sarath L.B. Amunugama, Ministry of Public Administration
Imaiyavalli Kumanan, Department of Geography, University of Sri Lanka
Lakshmi K. Ratnayake, Department of Geography, University of Sri Lanka

TAIWAN

Shiao-chun Chang, Department of Sociology, National Taiwan University
Fang-Hoer Chen, Department of Geography, National Taiwan Normal University
Ta-Chou Huang, Department of Agricultural Extension, National Taiwan University
Paul K.C. Liu, Institute of Economics, Academia Sinica
Ts'ui-jung T.J. Liu, Institute of American Culture, Academia Sinica
Liang-tsun Gary Lu, Joint Commission on Rural Reconstruction

THAILAND

Napaporn Burapathana, Institute of Population Studies, Chulalongkorn University
Malinee Chaumpluk, East-West Population Institute
Vimala Chiamsakol, Department of Preventive and Social Medicine, Siriraj Hospital
*Neramit Dhanasakdi, National Statistical Office
Saichai Kumkanarp, Department of Sociology, Thammasat University
*Jan Niroottinanont, National Statistical Office
†Laddawan Srisukonth, School of Public Health, University of Hawaii
Rachahawan Thavornjit, Faculty of Economics, Thammasat University

TONGA

†Busby Salesi Kautoke, School of Public Health, University of Hawaii

UNITED STATES

Stuart J. Greenfield, Department of Economics, University of Texas
†Elliot Kushell, Department of Sociology, University of Hawaii
†Hing L. Kwan, School of Public Health, University of Hawaii
Abdul Monaem, School of Public Health, Harvard University
Ruth Ann Sando, Department of Anthropology, University of Hawaii
Robert Schroeder, Department of Anthropology, University of Washington
Miriam B. Sutton, Institute of Behavioral Sciences
*Richard Ulack, Department of Geography, University of Kentucky

*EWPI research intern.

†Observer.

Training Course in Pacific Island Statistics

A training course on population statistics and educational planning for 11 senior and middle-level government officials and seven students at the University of the South Pacific was held from 15 July to 2 August 1974 in Suva, Fiji. The workshop was co-sponsored with the South Pacific Commission, at their request, to assist South Pacific governments in providing training in the area of planning to meet educational needs. Specifically, the course offered local officers instruction in techniques of projecting, on the basis of projected population and other variables, future school enrollment levels and needs for teaching staff and school facilities. The workshop may serve as a model for other work on educational planning in the Asia-Pacific area.

Peter Pirie co-directed the course with Ko Groenewegen, South Pacific Commission demographer. The following officials attended the course at the request of their respective governments:

AMERICAN SAMOA

S. Atuatasi, Research Planning and Evaluation

COOK ISLANDS

N.M. Tini, Department of Statistics

FIJI

S. Karan, Ministry of Education, Youth, and Sport

D. Singh, Central Planning Office

G. Singh, Ministry of Education, Youth, and Sport

P.W. Singh, Bureau of Statistics

S.D. Vilash, Ministry of Education, Youth, and Sport

P.N. Waganicaka, Ministry of Education, Youth, and Sport

GUAM

J.T. Flores, Bureau of Census

TRUST TERRITORY OF THE PACIFIC ISLANDS

A. Moses, Department of Education

WESTERN SAMOA

A. Lokeni, Department of Statistics

Seven students from five South Pacific countries who were enrolled in degree courses at the University of the South Pacific also attended the training course.

BRITISH SOLOMON ISLANDS

Celestine Kulagoe

William Talasasa

GILBERT AND ELLICE ISLANDS

Keina Bate

Penehuro Hauma

NAURU

Vassal Gadoengin

NEW HEBRIDES

Donald Kalpokas

NIUE

Douglas Rennie

Population Dynamics Seminar

As in past years, the Institute conducted a one-day population dynamics seminar in cooperation with the East-West Communication Institute for a Preuniversity Workshop sponsored by the Agency for International Development. The 1974 seminar was held on 2 August 1974 and included 32 baccalaureate students from four countries. As part of their orientation for study at U.S. universities, the students were given a brief introduction to world population problems and communication efforts in family planning. Robert Retherford coordinated the seminar program with assistance from Robert Gardner. Participants were:

INDONESIA

Abu Hanifah
 Ruslan Adji
 Winarno Andreas
 Ida Bagus Astawa
 Sumantri Djumhana
 Andrys Djunaedi
 Mohammad Ichsan
 Marliani Johansyah
 Nicolaas S. Kalangie
 Tjep Marku
 Gusti Ngurah Nala
 Sri Parwati Martini Pratomo
 Mohammad Arsyad Pudji
 Ngatimin Muhammad Rusli
 Joannes Eddy Salindeho
 Karo Karo Santoso
 Giarto Soedarno
 Jogi Soemaryana
 Dewa Putu Sudana
 Mochammad Harris Suhamiharja
 Sjahartini Tjokrokusumo
 Endang Wiguna-eka

LAOS

Khamphuony
 Khampraseuth
 Bounleuane Khamvongsouk
 Prasith Khotpanya
 Don Phommachakr
 Somphanh Visaysakd

TAIWAN

Yen-pin Li
 Chung-hsin Yang

THAILAND

Kanongyuth Kanjanakul
 Kitisak Sinthuvanich

Research Internships

Twelve persons held research internships focusing on population policy. Notable among these internships were six held by faculty of the Population Institute at Gadjah Mada University in Yogyakarta, Indonesia, who spent seven to nine months at the Center strengthening their knowledge of population issues and demographic

methods. Four interns, from Hong Kong, Republic of Korea, Malaysia, and Lebanon, came for specialized work with the Fifth Summer Seminar. One intern from the United States participated in the Sixth Summer Seminar and in continuing development of a geography curriculum guide drafted by Fifth Summer Seminar participants. One intern from Mahidol University in Thailand joined the Institute Resource Materials Collection for four months of specialized training in documentation.

Details of the internships follow.

HONG KONG

Pun-Sum Tong Leung, Department of History and Geography, Hong Kong Baptist College, 6/14/74-7/31/74: Fifth Summer Seminar in Population

INDONESIA

Siti R. Haditono, Faculty of Psychology, Gadjah Mada University, 4/06/74-12/25/74 Population issues and demographic techniques.

Soeratman Hardjosenarto, Faculty of Agriculture, Gadjah Mada University, 4/06/74-12/25/74 Population issues and demographic techniques

Adi Soekarto, Faculty of Medicine, Gadjah Mada University, 4/06/74-12/25/74. Population issues and demographic techniques

Mursalin Suwartinah, Faculty of Social and Political Sciences, Gadjah Mada University, 4/06/74-12/25/74. Population issues and demographic techniques

Kasto, Faculty of Geography, Gadjah Mada University, 5/20/74-12/25/74: Population issues and demographic techniques

Sjati Samin, Faculty of Anthropology, Gadjah Mada University, 5/20/74-12/25/74: Population issues and demographic techniques

REPUBLIC OF KOREA

Young Horn Park, Department of Educational Psychology, Seoul National University, 7/03/74-7/29/74: Fifth Summer Seminar in Population

LEBANON

Shadi Karam, Community Development Foundation, 5/21/74-8/15/74: Fifth Summer Seminar in Population

MALAYSIA

Richard F. Donall, Department of Geography, University of Malaya, 6/14/74-7/15/74: Fifth Summer Seminar in Population

THAILAND

Thutaporn Narkswas, Institute for Population and Social Research, Mahidol University, 9/01/74-12/31/74: Resource documentation

UNITED STATES

Richard Ulack, Department of Geography, University of Kentucky, 6/15/75-7/31/75: Curriculum guide for population geography

3 program support activities

Data Processing and Computing Unit

The Data Processing and Computing Unit continued to support numerous research and professional development activities of the Institute by developing computer programs, performing data analysis, and providing consultations and training courses to staff and participants.

One of the Unit's major accomplishments during the review period was the design of a computer program package for estimating fertility from data on own children. The package consists of three parts: (1) matching women with their own children and husbands, thus creating a new record for each woman; (2) creating own-children matrices by characteristics of the parents, and (3) estimating fertility on the basis of the own-children matrices. All three parts are completed and tests have been run using the 1966 and 1970 Korean censuses, 1971 Indonesian census, and 1970 Japanese census. The Unit is in the process of analyzing the 1970 censuses of the Philippines, Paraguay, and Costa Rica using the program. A user's guide for the own-children package is being written. Consultants Howard Brunsman and Ann Midkiff contributed to this project.

A computer program that estimates basic demographic measures from incomplete data was written during the review period. Called UNIV1 because it is the first of a series of programs to be based on the United Nations manual *Methods of Estimating Basic Demographic Measures from Incomplete Data (Manual IV)*, the program uses census age distributions taken at five-year intervals and Coale-Demeny model life tables to estimate mortality from census survival rates. Further estimates based on the mortality rate thus derived are made of the crude death rate, average birth rate, and rate of natural increase. The program follows procedures described in the U.N. Manual IV.

The Unit also produced DCRISIS, a program for determining mortality crisis periods from monthly death statistics, and PROJ1, for projecting population size in single years from base-year populations, age-

specific fertility rates, and survival rates. (A Coale-Demeny model life table may be used for the survival rates.) The multiple-classification analysis program (MCA) and the Brass program for estimating mortality (BRASS), which the Unit developed earlier, have been refined to give users greater flexibility in their application.

The Unit played a major role in the Institute-sponsored Workshop on the Own-Children Method of Fertility Estimation, held in November 1974. Unit staff coordinated the classroom and programming activities of the intern programmers attending the workshop, provided instruction on and documentation of the University of Hawaii computer system and MATCH program for the own-children computer package, and provided operational support for participants.

In addition to being available five hours a week for consultations with students and interns, Unit staff offered an introductory and an intermediate course on the use of computers in population research. Both noncredit courses were attended by 24 persons.

The Unit continued to provide data analysis support to a number of research activities, in particular Cho's own-children analysis of data from the 1966 and 1970 Korean censuses, Palmore's regression analysis study, Kunstadter's study of birth defects in South Vietnam, and a demographic and economic survey of Davao City, Philippines, by senior fellows Robert and Beverly Hackenberg. Selected readable data and computer programs at the Institute are listed in Exhibit 4 and Table 5.

Resource Materials Collection

In support of its major program activities, the Institute maintains a Resource Materials Collection consisting of a documentation service and reference sources in the broad field of population, census and survey data for Asian and Pacific countries, and comprehensive documentation of selected topics. The Collection serves staff members, students, visiting scholars, and personnel from other institutions seeking information in the population field. Through its documentation intern program it offers training in population-library techniques for librarians from the Asian and Pacific region.

The documentation and reference service of the Collection continued to be in heavy demand during the report period. Its staff assisted users from the Institute and other organizations in obtaining materials

Exhibit 4. Selected computer-readable data in Institute data bank

Data	Remarks
CENSUSES	
British Solomon Islands, 1970 census	
Fiji Islands, 1966 census	
Gilbert and Ellice Islands, 1968 census	
Indonesia, 1971 census basic tabulation	
Republic of Korea, 1960 census	10 percent sample
Republic of Korea, 1966 census	10 percent sample
Republic of Korea, 1970 census	1 percent sample
Republic of Korea, 1970 postenumeration survey	
Malaysia, 1970–71 postenumeration survey	
Tonga, 1966 census	
Trust Territory of the Pacific Islands, 1967 census	
Trust Territory of the Pacific Islands, 1973 census	
United States, 1960 and 1970 census public use sample	One in a thousand for the whole country and one in a hundred for the State of Hawaii
United States, 1970 census summary tapes for the State of Hawaii	First count through fifth count
Western Samoa, 1961 census	
Western Samoa, 1966 census	
Western Samoa, 1971 census	
FERTILITY SURVEYS	
Republic of Korea, KIFP survey, 1971	
Republic of Korea, KIFP survey, 1973	
Republic of Korea, KIRBS survey, 1973	
Malaysia, Western Malaysia Family Survey, 1966–67	
Philippines, National Demographic Survey, 1968	
Philippines, Special Demographic Survey, 1973	
United States, Growth of American Families Study, 1955	
United States, Growth of American Families Study, 1960	
United States, National Fertility Survey, 1965	
VITAL STATISTICS (STATE OF HAWAII)	
Births, 1966–70	
Deaths, 1942–70	
Abortions, 1969–73	

Exhibit 4. (continued)

Data	Remarks
OTHER	
Causes of death: input data for tables in <i>Causes of Death</i> , by Preston, Keyfitz, and Schoen	
Family planning achievement data, Republic of Korea, 1967-69	
Life tables: Japan (all prefectures), 1950, 1955, 1960, 1965, 1970	
Data for life tables and population projections: input data for tables in <i>World Population</i> , by Keyfitz and Flieger	

through purchases, interlibrary loans, and the photocopying of publications. Many requests came in response to the Collection's bimonthly accessions list, which is distributed to 250 agencies and individuals in the population field. Collection personnel answered hundreds of reference questions for individuals and organizations, including government agencies. They also conducted bibliographic searches of books and documents needed for special projects, such as conferences and seminars, and prepared bibliographies on request.

The Resource Materials Collection contributes to the Institute's program of professional development by providing special training opportunities for documentation interns from developing countries. During the last four months of 1974, as a documentation intern, the librarian of the Institute of Population and Social Research, Mahidol University, Thailand, attended classes offered by the University of Hawaii's Graduate School of Library Studies and the Population Studies Program, and familiarized herself with alternative classification schemes while working in the Collection. Upon her return to Mahidol University, she was able to apply her knowledge of cataloging techniques to her own collection. Continued cooperation between the two institutes includes the exchange of resource materials.

Catalogued holdings in the Collection at the end of the year are listed in Table 6.

With two full-time professional staff members, a part-time student assistant, and a student volunteer, the Collection continued to main-

Table 5. Selected programs in Institute computer program library

Program	Description	Source
MAC3	Multiple classification analysis program	University of Michigan, revised by EWPI
TABIV	Cross tabulation program	University of Michigan, revised by EWPI
MICHAID	Automatic interaction detector program	University of Michigan
INCREG	Regression analysis program for incomplete data	University of Michigan
KEYFITZ	A set of programs for demographic analysis	Nathan Keyfitz and others
DCL	A set of demographic programs centered around regional model life tables	U.S. Bureau of the Census
SPSS	Statistical package for the social sciences	National Opinion Research Center
CENTS	Census tabulation program	U.S. Bureau of the Census
DYNAMO	Dynamic simulation language	Alfred P. Sloan School of Management, Massachusetts Institute of Technology
OWN	Program that estimates age-specific fertility rates of recent past based on own-children tabulation	EWPI
COCENTS	Census tabulation program written in COBOL	U.S. Bureau of the Census
UNIV1	Program that estimates mortality and fertility based on two census figures	EWPI
UNIV2 (BRASS)	Program that estimates child mortality based on proportions surviving among children ever born	EWPI
PROJ1	Single-year population projection program	EWPI

tain a schedule of daily, evening, and weekend hours for the convenience of its users. Its Resource Materials Specialist represented the Institute at four professional meetings during the year (see appendix).

**Table 6. Catalogued holdings in Resource Materials
Collection as of 30 June 1975**

General topics in population	2,498
Africa	83
Asia	
Bangladesh	20
Burma	2
China	78
Hong Kong	36
India	296
Indonesia	108
Japan	51
Republic of Korea	138
Malaysia	116
Nepal	6
Pakistan	84
Philippines	137
Singapore	52
Sri Lanka	26
Taiwan	163
Thailand	95
South Vietnam	17
Europe	191
Hawaii	83
Latin America	148
Pacific Islands	357
United States	523
Total	5,308

Publications

During FY1975 the Publications Office engaged in several major new publishing efforts while continuing to produce two regular series, Papers of the East-West Population Institute (formerly Working Papers) and the Reprints Series.

The *Asian and Pacific Census Newsletter* appeared for the first time in August 1974. A 12-page quarterly issued in February, May, August, and November, the newsletter performs a clearinghouse function for census officials and researchers throughout the Asian and Pacific region. Besides census news contributed by correspondents, the news-

letter contains technical articles on a range of topics related to demographic measurement and a section reviewing recent publications in the census field. The newsletter has a growing mailing list that includes census officials and researchers in other regions of the world. Currently 1,250 copies of each issue are produced.

Two volumes of a planned seven-volume series reporting on the first phase of the Value of Children study were published. They describe findings from the Philippines (volume 2, by Rodolfo A. Bulatao) and Hawaii (volume 3, by Fred Arnold and James T. Fawcett). The introductory volume was revised by the coinvestigators and is due to be published in the fall. The Publications Office also prepared detailed editorial critiques of three other manuscripts in the series.

A volume to be entitled *Introduction to Censuses of Asia and the Pacific: 1970-74*, edited by Lee-Jay Cho, was readied for publication. A collaborative effort, the volume includes contributions by census officials from 15 countries that describe how the 1970 round of censuses was organized and carried out in the region. The book is scheduled for publication in autumn 1975.

In addition, the Publications Office produced three Papers, 16 Reprints, and four occasional publications. In press at the end of June 1975 were another Paper, a new Institute Bulletin, and two conference reports. Details of published and in-press publications appear below.

The Publications Office contributed to several Center-wide publications, notably the *East-West Center Fourteenth Annual Report*, *East-West Center Program Activities: 1975-1976*, and the weekly newsletter *Intrachange*. It also continued to give editorial guidance to individual members of the Institute's research staff on manuscripts prepared for publication outside the Center.

In January the Institute began to participate in the Cataloging in Publication Program (CIP) of the Library of Congress, a cooperative effort to print cataloging data about monographic books in the books themselves. The purpose is to enable librarians to process new works rapidly and economically. Arrangements were also made for the University Press of Hawaii to distribute and promote the Value of Children volumes. In an effort to reduce production and distribution costs while ensuring the continued availability of its publications, the Institute adopted a policy, effective in July 1975, of charging five cents per page for xeroxing out-of-print Papers and occasional publications. Pro-

duction costs and postage will also be charged for bulk orders of Papers and occasional publications still in print.

In September Lois Bender joined the Publications Office staff as production assistant/compositor. Most Institute publications are produced on an IBM Selectric Composer. Design, layout, and pasting up of camera-ready copy are handled in house. To consolidate editorial and production facilities, the three members of the publications staff moved to adjoining offices in Lincoln Hall Annex in November.

Papers of the East-West Population Institute

The Value of Children in Asia and the United States: Comparative Perspectives, by James T. Fawcett, Fred Arnold, Rodolfo A. Bulatao, Chelio Buripakdi, Betty Jamie Chung, Toshio Iritani, Sung Jin Lee, and Tsong-Shien Wu. No. 32, July 1974, 80 pp.

Findings are reported from a comparative study of the value of children that was carried out in six countries—Japan, the Philippines, South Korea, Taiwan, Thailand, and the United States (Hawaii). For each country, results are presented for urban middle-class, urban lower-class, and rural groups. The results are based on interviews with young husbands and wives with at least one child, about 360 respondents were interviewed in each of the Asian countries, 557 in Hawaii to permit comparison of Caucasian, Japanese, and Filipino ethnic groups. Economic, social, and psychological components of the satisfactions and costs of children are analyzed. Cultural and socioeconomic differences are described and the implications of these findings for population policies are discussed.

The Present and Prospective State of Policy Approaches to Fertility, by Ozzie G. Simmons and Lyle Saunders. No. 33, June 1975, 32 pp.

Concepts and definitions of population policy are reviewed and a formulation is proposed to distinguish policies explicitly oriented to the goal of reducing fertility from other policy approaches that claim to have effects on fertility. The types of policy measures adopted by governments to reduce fertility are few in number, family planning being the most common. Consequently, a need exists to identify and assess the range of policy options available to governments for reducing fertility. This task can be optimally addressed by the "policy analyst," who could perform a pivotal role in insuring the understanding and use by policy makers of the products of policy research and in working with policy researchers to help focus their response to critical policy issues.

Female Labor Force Participation in a Modernizing Society: Malaya and Singapore, 1921-1957, by Monica S. Fong. No. 34, June 1975, 48 pp.

Through the use of census data this paper establishes the levels and changes in female labor force participation for each of the three major ethnic groups in Malaya and Singapore—Malays, Chinese, and Indians. During the period under study, female labor force participation rates declined rapidly both inside and outside the

agricultural sector. Several explanations for this finding are tested in multiple regression analyses. The best predictor of the proportion of women in the labor force is found to be the proportion of all workers employed in agriculture.

In press

Fertility Socialization Research in the United States: A Progress Report, by Susan O. Gustavus. No. 35, July 1975, 28 pp.

A review of the findings of fertility socialization studies in the United States, their rationale, theoretical underpinnings in the work of Westoff and Potvin, and methodological achievements and problems. Specifically, the findings on the relationship of children's family size preferences to size of family of orientation, sex, race, religion, socioeconomic status, aspirations, and other variables are examined and related to earlier theoretical hypotheses. This review indicates that three approaches have been used in studying the origin of children's family size preferences: the correlational approach, the conscious-sources approach, and the complementary interview. Two strategies, cross-sectional and longitudinal, have been used to assess stability of these preferences. Finally, the paper offers suggestions for future directions in fertility socialization research and theory.

Occasional publications

East-West Population Institute Annual Report, 1 July 1973-30 June 1974. Autumn 1974, 108 pp.

Reviews Institute activities during the 1973-74 fiscal year. Topics include the four main program activities of research, graduate study, professional development, and institutional cooperation; program support activities; staff and organization; and future plans. Fourteen tables and two exhibits provide detailed documentation.

Proceedings of the Conference on International Migration from the Philippines, 10-14 June 1974. January 1975, 52 pp.

Contains abstracts of papers presented on the following topics: demographic overview; the "brain drain"; outmigration and the barrios; U.S. immigration policy and the Filipino; migrant adaptation in Guam, the U.S. mainland, and Canada; migrant adaptation in Hawaii; and assessment of research needs. Also included are an introduction describing the origins and sponsorship of the conference, list of participants, agenda, and plans for a second conference on Philippine emigrants to be held in June 1975.

Proceedings of the Fifth Summer Seminar in Population, 17 June to 20 July 1974. February 1975, 40 pp.

Contents include preface describing the purpose and organization of the seminar, list of participants, list of faculty and staff, agenda, synopses of core courses and workshops, and list of reading materials.

East-West Population Institute Semi-Annual Report to the Agency for International Development, 1 July-31 December 1974. February 1975, 36 pp.

An interim report covering the topics presented in greater detail in the *Annual Report*. (Xeroxed.)

In press

East-West Population Institute Bulletin 1976. Autumn 1975, 24 pp.

A concise description of the goals, organization, and activities of the Institute, with particular emphasis on recent developments.

Summary Report of the Population Census Workshop-Conference on Intercensal Demographic Measurement. Autumn 1975.

Proceedings of the fourth census workshop-conference sponsored by the Institute, held at the East-West Center during 19-23 May 1975. Summarizes progress reports and discussion by representatives from 13 countries concerning their intercensal demographic measurement activities. Includes a set of recommendations.

Summary Report of the Sixth Summer Seminar in Population. Autumn 1975.

A summary of the purposes, organization, and proceedings of the seminar, which was held at the East-West Center and at the Korean Institute for Family Planning in Seoul during 16 June-19 July 1975. Contains synopses of lecture courses and workshops, plus a list of reading materials assigned to participants.

Books*

The Value of Children: A Cross-National Study. Vol. 2, Philippines, by Rodolfo A Bulatao, June 1975, 232 pp. Paper, \$3.00.

One of seven planned volumes reporting on the first phase of the Value of Children Study, which explored the social, economic, and psychological rewards and costs of children as perceived by parents in six countries. The Philippine sample consisted of 389 young parents from urban middle-class, urban lower-class, and rural groups who were interviewed at length about values and disvalues associated with having children. Their responses revealed a complex web of childbearing motivations.

When asked about the advantages of having children, respondents most often mentioned the happiness children bring, the prospect of their assisting their parents in old age, and their help in the household. Respondents generally agreed, however, that other values were more important, such as the special love that exists between parent and child. These Filipino parents attached greater value to children than roughly parallel samples from other Asian countries. Chief among

*Available from the University Press of Hawaii, 2840 Kolowalu Street, Honolulu, Hawaii 96822. A limited number of copies are available without charge to libraries of universities, institutions engaged in population research, and related organizations in Asia, the Pacific, and developing countries of other regions.

the disvalues they associated with children were the financial burdens children impose.

Current desires for additional children were more predictable than ideal family size from these values and disvalues. The desire for additional children related positively to the value of companionship among siblings and to other values arising out of social interaction, and negatively to the financial costs of children. Values had a significant effect on the desire for additional children even after social status and demographic variables were controlled. On the other hand, these values were weakly related to family planning practice and approval, indicating the existence of other barriers to the rationalization of childbearing.

The Value of Children: A Cross-National Study. Vol. 3, Hawaii, by Fred Arnold and James T. Fawcett, with the assistance of Sonia C. Albores and Peter S. Norris, May 1975, 160 pp. Paper, \$3.00.

The Value of Children Study attempted the first comprehensive investigation of the social, economic, and psychological values that parents in Hawaii associate with children. Interviews were conducted with more than 600 young married parents. Approximately equal numbers of Filipino, Japanese, and Caucasian respondents were selected to permit ethnic comparisons; respondents were chosen from rural areas as well as from urban middle-class and urban lower-class neighborhoods. Both wives and husbands were interviewed.

The study found that respondents had ambivalent feelings about children. On one hand, they stressed the benefits of having children, especially such emotional rewards as companionship the fun of playing with children, and children as a source of happiness. Children were also seen as fostering character development of the parents and providing incentives for the parents to succeed in life. Except for Filipinos, however, respondents viewed economic benefits of children as minimal. On the other hand, children were seen as entailing substantial opportunity, financial, and emotional costs. Respondents were particularly concerned about lack of parental freedom, the noise and nuisances caused by children, the emotional and physical strain of raising them, and the expense of children's education.

Most respondents expressed a desire for more than one child, usually for the sake of the child, but few wanted what they considered to be a large family. Preference for sons was not strong in the Hawaii sample, but each sex was valued for different reasons.

Only minor differences emerged in husbands' and wives' orientations toward children; wives tended to stress more than husbands the emotional advantages—and disadvantages—of children, whereas husbands put somewhat more emphasis than wives on children as an incentive to succeed and as the means of continuing the family name. Ethnic differences were more pronounced. Japanese and Caucasian respondents generally had similar values, whereas Filipinos, especially rural Filipinos, were more traditional in their attitudes toward children than the other two groups and less likely to consider alternatives to having them. Correlational analysis also revealed that economic and practical help expected from children, the perceived economic burden of children, and the importance of children to continue the family name were all negatively related to respondents' socioeco-

conomic status. Middle-class respondents emphasized more than the other groups the value of children as a learning experience and their contributions to family life.

From regression analysis it was found that economic and psychological-social values of children were strong predictors of family size and family planning attitudes, even after socio-demographic variables had been taken into account. Especially strong as predictors were the perceived economic costs and benefits of children. The findings suggest a range of policies that might influence perceptions of the value of children and hence affect fertility levels in Hawaii.

In press

Introduction to Censuses of Asia and the Pacific, 1970-74, edited by Lee-Jay Cho with the assistance of David B. Johnson and Milann Gannaway. Autumn 1975, approx. 168 pp. Paper, price not set.

Senior census officials from 15 Asian and Pacific countries contributed chapters to this volume about the 1970 round of censuses in the Asian and Pacific region, each following a common outline to facilitate comparability. Topics include the design, organization, and execution of the most recent census; definitions of such terms as economic activity, rural/urban, residence, and literacy, publications and tabulations prepared from the census data, and methods used to measure content and coverage errors. Actual census forms are reproduced in appendices. The introduction, by Lee-Jay Cho, describes the essential features of a population census, advantages of and uses for census data, and the development of techniques to evaluate censuses.

The Value of Children: A Cross-National Study, Vol. 1, Introduction and Comparative Analysis, by Fred Arnold, Rodolfo A. Bulatao, Chaiio Buripakdi, Betty Jamie Chung, James T. Fawcett, Toshio Iritani, Sung Jin Lee, and Tsong-Shien Wu. Autumn 1975, 264 pp. \$2.75

Presents an overview of the Value of Children Study, in which comparable interview data were gathered and analyzed from samples of rural and urban parents in Hawaii, Japan, the Philippines, South Korea, Taiwan, and Thailand. The data provide new insights into micro-level determinants of childbearing and the kinds of social policies and programs likely to be effective for regulating fertility levels in the cultures examined. Volume 1 discusses the rationale for the research in the context of population issues, providing a conceptual model and describing the study's methodology. Major findings are presented in a comparative format, and similarities and differences across countries are analyzed. Separate attention is given to salient general values related to children, to economic benefits and costs of children, to family-size values, and to son and daughter preference.

Reprints Series

Social and Psychological Aspects of Fertility in the United States, by James A. Palmore, no. 46. Reprinted from SOCIAL AND PSYCHOLOGICAL ASPECTS OF FERTILITY IN ASIA: PROCEEDINGS OF THE TECHNICAL SEMINAR, CHOONCHUN, KOREA, 7-9 NOVEMBER 1973, 1974.

Social and Psychological Aspects of Fertility in Hong Kong, by Betty Jamie Chung, no. 47. Reprinted from SOCIAL AND PSYCHOLOGICAL ASPECTS OF FERTILITY IN ASIA: PROCEEDINGS OF THE TECHNICAL SEMINAR, CHOONCHUN, KOREA, 7-9 NOVEMBER 1973, 1974.

Fertility, Mortality, and Life Expectancy in Pre-modern Japan, by Susan B. Hanley, no. 48. Reprinted from POPULATION STUDIES, March 1974.

Tobacco Smoking and Sex Ratios in the United States, by Robert D. Retherford, no. 49. Reprinted from SOCIAL BIOLOGY, spring 1974.

The Own-Children Approach to Fertility Estimation: An Elaboration, by Lee-Jay Cho, no. 50. Reprinted from International Union for the Scientific Study of Population, INTERNATIONAL POPULATION CONFERENCE, LIÈGE 1973, vol. 3, 1973.

Comparative Analysis of Recent Fertility Trends in East Asia, by Robert D. Retherford and Lee-Jay Cho, no. 51. Reprinted from International Union for the Scientific Study of Population, INTERNATIONAL POPULATION CONFERENCE, LIÈGE, 1973, vol. 2, 1973.

Abortion in Hawaii, by Milton Diamond, James A. Palmore, Roy G. Smith, and Patricia G. Steinhoff, no. 52. Reprinted from FAMILY PLANNING PERSPECTIVES, vol. 5, no. 1, winter 1973.

Abortion in Hawaii: 1970-1971, by Roy G. Smith, Patricia G. Steinhoff, James A. Palmore, and Milton Diamond, no. 53. Reprinted from HAWAII MEDICAL JOURNAL, vol. 32, no. 4, pp. 213-220, July-August 1973.

Sexuality, Birth Control and Abortion: A Decision-Making Sequence, by Milton Diamond, Patricia G. Steinhoff, James A. Palmore, and Roy G. Smith, no. 54. Reprinted from JOURNAL OF BIOSOCIAL SCIENCE, vol. 5, pp. 347-361, 1973.

Psychological Research on Family Size and Family Planning in the United States, by James T. Fawcett, no. 55. Reprinted from PROFESSIONAL PSYCHOLOGY, August 1974, pp. 334-344.

A Note on Residential Segregation in Honolulu, by Kenneth L.K. Miu and Gary A. Fuller, no. 56. Reprinted from PROCEEDINGS OF THE ASSOCIATION OF AMERICAN GEOGRAPHERS, vol. 6, 1974, pp. 124-127.

Mobility in a Non-literate Society: Method and Analysis for Two Guadalcanal Communities, by Murray Chapman, no. 57. Reprinted from Leszek A. Kosiński and R. Mansell Prothero, eds., PEOPLE ON THE MOVE: STUDIES ON INTERNAL MIGRATION, Methuen & Co. Ltd., 1974.

A Spatio-Temporal Model of the Mobility Patterns in a Multi-ethnic Population, Hawaii, by Shekhar P. Mukherji, no. 58. Reprinted from Leszek A. Kosiński and R. Mansell Prothero, eds., PEOPLE ON THE MOVE: STUDIES ON INTERNAL MIGRATION, Methuen & Co. Ltd., 1974.

On the Spatial Diffusion of Fertility Decline: The Distance-to-Clinic Variable in a Chilean Community, by Gary A. Fuller, no. 59. Reprinted from *ECONOMIC GEOGRAPHY*, vol. 50, no. 4, October 1974.

On the Role of Mental Maps in Migration Research, by Gary Fuller and Murray Chapman, no. 60. Reprinted from *INTERNATIONAL MIGRATION REVIEW*, vol. 8, no. 4, winter 1974.

Footnotes on Implications of Aggregated Data Used in Population Simulation, by Peter Kunstadter, no. 61. Reprinted from Bennett Dyke and Jean Walters MacCluer, eds., *COMPUTER SIMULATION IN HUMAN POPULATION STUDIES*, Academic Press, 1974.

Cartographic Unit

During the year the Institute formally established a Cartographic Unit as a support service to staff members needing graphic and cartographic assistance. The Unit produces maps and graphics illustrating research findings, for publication by the Institute and in non-Institute books and periodicals. The graphics are designed in consultation with authors, drafted, and rendered in final form according to the requirements of the publication medium.

The Cartographic Unit has access to a fully equipped darkroom situated in the Department of Geography, University of Hawaii. The equipment enables the cartographic staff to produce high-quality monochromatic or color maps comparable to those published commercially. The Unit works closely with the Publications Office, preparing graphics for such Institute publications as the *Asian and Pacific Census Newsletter* and the Papers Series; in turn, the Publications Office provides type-set captions and copy for graphics executed by the Unit. The Unit's full-time cartographer also provides advice to staff researchers and students on such matters as map compilation and construction, data portrayal, field mapping techniques, and the analysis of illustrations and graphics used in research. In April the Unit held the first of several planned workshops to introduce staff and students to the many analytical techniques available for graphic presentation of population data.

During the year the Cartographic Unit produced numerous maps and graphics for Institute-sponsored research on population resource systems on the Guadalcanal Weather Coast (Murray Chapman and Peter Pirie), the demographic situation in Hawaii (Eleanor Nordyke), the durability of mental maps (Gary Fuller), the value of children

(Fred Arnold and James T. Fawcett, and Rodolfo A. Bulatao), recent population trends in Indonesia (Lee-Jay Cho, Geoffrey McNicoll, Sam Suharto, and Si Gde Made Mamas), black fertility in the United States (Paul Wright and Peter Pirie), and curriculum development in population geography (Gary Fuller). Plans were also made for the publication of a demographic atlas of the Asian and Pacific region (Peter Pirie).

At the end of the report period, the Unit consisted of a full-time cartographer, a part-time cartographic supervisor on a joint appointment with the Department of Geography, and a part-time cartographer on temporary hire. An ad hoc Institute committee of five persons was appointed to set policy for the Unit.

4 staff and organization

Staff members of the Institute during the report period are identified in Exhibit 5. As of 30 June 1975 the professional staff consisted of 17 research associates, all with doctorates, and all but one of whom held faculty appointments with the University of Hawaii in the departments of Anthropology (2), Economics (2), Geography (4), Sociology (5), and the School of Public Health (3). The exception is Fred Arnold, who was on an 18-month assignment with the National Statistical Office of Thailand. In addition there were five staff researchers, 13 support staff (five in data analysis, three in publications, two in resource materials, a cartographer, and two program officers), three administrative staff, and seven secretarial and clerical staff. On an annual basis AID support is budgeted for 273 person months, with 202 person months on East-West Center and other funds. During the report period 268 person months were supported by the grant.

On 1 July 1974, Lee-Jay Cho became director and designated Peter Pirie, James Palmore, and Robert Retherford as assistant directors for graduate study, research, and professional development, respectively. Pirie began a sabbatical leave on 15 June 1975, and Griffith Feeney replaced him as assistant director for graduate study.

Peter Kunstadter joined the Institute on 1 July 1974 as research associate. Formerly professor of Anthropology and of Epidemiology and International Health, University of Washington, Kunstadter has had extensive field experience in Asia, notably in Thailand and the Republic of Vietnam.

F Everett Wingert, associate professor of Geography, University of Hawaii, accepted a joint appointment with the Institute effective 1 July 1974. Wingert received his Ph.D. from the University of Washington and is a cartographic specialist. Gregory Chu joined the Institute as cartographer on 20 December. He holds a master's degree in Cartography from the University of Wisconsin and, like Wingert, has had considerable experience in the production of atlases.

Exhibit 5. Population Institute staff, FY1975

Director

Lee-Jay Cho, *Professor of Sociology*

Assistant Director for Graduate Study

*Peter N.D. Pirie, *Professor of Geography* (on year's sabbatical beginning 15 June 1975)

*Griffith Feeney, Affiliate Graduate Faculty in Sociology (Assistant Director beginning 15 June 1975)

Assistant Director for Professional Development

Robert D. Retherford, Affiliate Graduate Faculty in Sociology

Assistant Director for Research

James A. Palmore, Jr., *Professor of Sociology*

Research Associates

*Fred Arnold (on assignment to National Statistical Office, Bangkok, 1 June 1974—1 June 1976)

*Dennis N.W. Chao, *Assistant Professor of Economics*

Murray Chapman, *Associate Professor of Geography*

*Robert W. Gardner, *Assistant Professor of Public Health* (on leave of absence with the Government of Pakistan, 1 June 1974—31 October 1974)

Gary A. Fuller, *Assistant Professor of Geography*

Alan Howard, *Professor of Anthropology*; Director, Population Studies Program, College of Arts and Sciences

*Peter Kunstadter, Affiliate Graduate Faculty in Anthropology

Y. Scott Matsumoto, *Professor of Public Health*

*Johannes Overbeek, *Assistant Professor of Economics*

Chai Bin Park, *Professor of Public Health*

Peter C. Smith, Graduate Affiliate Faculty in Sociology

*Everett Wingert, *Associate Professor of Geography*

Staff Researchers

Sonia C. Albores

*Kajorn L. Howard

*Davor Jedlicka (resignation effective 28 February 1975)

Michael J. Levin (temporary)

*Eleanor C. Nordyke

David Swanson

Support Activities

Minja Kim Choe, Data Analysis Officer

Carol Carlson, Data Analyst

*Victoria C.H. Ho, Data Analyst

*Judith Tom, Data Analyst

*Michael Ann Hoyer, Assistant in Data Analysis

Alice D. Harris, Resource Materials Specialist

Bertha Lum, Resource Materials Technician (resignation effective 31 December 1974)

*Irene Tamashiro, Resource Materials Technician

Exhibit 5. (continued)

Support Activities (continued)

- *Sandra E. Ward, Publications Officer
- *Elizabeth B. Gould, Editor
- *Lois M. Bender, Production Assistant/Compositor
- *Gregory Chu, Cartographer

Program Officers

- *Carolyn Ishikawa, Graduate Study
- *Susan Palmore, Professional Development

Administration

- *Keith E. Adamson, Executive Officer for Administration
- Virginia W. Dolan, Administrative Assistant to the Director
- Rebecca W. Wideman, Administrative Service Assistant

Secretarial and Clerical Staff

- *Joan M. Choi, Professional Development Secretary
- *Irma Kaneshiro, Pool Typist
- *Violenda Kipapa, Pool Stenographer
- *Molly Kubota, Research Secretary
- *Nora Kusano, Graduate Study Secretary
- *Irene Okita Oxiles, Pool Typist
- Lynette K. Tong, Pool Supervisor

Consultants

- Howard Brunsman (part-time)
- James T. Fawcett (part-time)
- Ann A. Midkiff (part-time)

NOTE: For joint appointees, departmental affiliation at the University of Hawaii is indicated in italics.

*Indicates at least some AID financial support.

Peter Smith was appointed research associate during this period and joined the Institute on 1 April 1975. He was project specialist in population with the Ford Foundation in Manila, as well as visiting lecturer and research associate with the Population Institute of the University of the Philippines. Smith received his Ph.D. in Sociology from the University of Chicago after earning a master's degree in Demography from the University of the Philippines.

Research associate Robert Gardner returned to the Institute in December from his assignment in Pakistan and was invited to join the faculty of the School of Public Health for the spring semester.

Staff researcher Davor Jedlicka resigned from the Institute in February 1975 to become program coordinator of the Health Surveillance Program, Department of Health, State of Hawaii. In June David Swanson joined the Institute as staff researcher. Swanson, who earned a B.S. from Western Washington State College, is a Ph.D. candidate in Sociology at the University of Hawaii.

Carolyn Ishikawa, program officer for graduate study, joined the staff in April 1975. Born and raised in Honolulu, she received her B.Ed. and M.P.H. (Family Planning and Population Studies) from the University of Hawaii. She taught on the U.S. mainland and in Nepal before joining the Institute.

Carol Carlson and Judith Tom joined the Institute as data analysts, replacing Ann Midkiff and Robert Kaya. Ann Midkiff continued to serve as a part-time consultant for the development of the own-children computer package.

Lois Bender, formerly with the Institute's Stenographic Pool, joined the Publications Office in September 1974 as production assistant/compositor; she holds a bachelor's degree in English from Goshen College, Indiana

Bertha Lum, resource materials technician, resigned from the Institute in December 1974. She was replaced in February 1975 by Irene Tamashiro, who holds a bachelor's degree in Psychology from California State University and for three years worked in the Circulation Department of Hamilton Library, University of Hawaii.

As in past years, staff strength was augmented by the presence of visiting research fellows who spent varying periods of time at the Center. Seven fellows and senior fellows conducted research and participated in professional development activities at the Institute in FY1975. Senior fellow appointments were held by Joel Cooper, Beverly H. Hackenberg, Robert A. Hackenberg, Dudley Kirk, and Norman B. Ryder. Monica S. Fong and Nancy E. Williamson held fellow appointments. Details of the appointments are presented in Exhibit 6.

The Institute's International Advisory Committee met on 29 and 30 May to evaluate EWPI programs and make recommendations for the future. Ronald Freedman was elected chair. Committee members' names and affiliations are presented in Exhibit 7.

Exhibit 6. (continued)

Dr. Nancy E. Williamson
 Assistant Professor of Sociology
 Brown University

Fellow: 1 February to 31 August 1975

Major research activity was the preparation of two papers and the draft of a book on parental sex preferences and family size. She also participated in the Institute-sponsored Conference on the Measurement of Preferences for Number and Sex of Children.

Exhibit 7. International Advisory Committee, FY1975

Ronald Freedman, *chair* (term ends in fall of 1977)
 Professor of Sociology
 Population Studies Center
 University of Michigan

Hi-Sup Chung (term ends in fall of 1976)
 Member, National Assembly and President, Korea Labor Institute
 Seoul, Republic of Korea

Mercedes B. Concepción (term ends in fall of 1976)
 Director, Population Institute
 University of the Philippines

Richard A. Easterlin (term ends in fall of 1976)
 Professor of Economics
 University of Pennsylvania

Shinichi Ichimura (term ends in fall of 1976)
 Director, The Center for Southeast Asian Studies
 Kyoto University, Japan

Mohammad Hafiz Sheikh (term ends in fall of 1976)
 United Nations Technical Representative
 Central Statistical Office
 Lusaka, Zambia

Suwardjono Surjaningrat (term ends in fall of 1977)
 Chair, National Family Planning Coordinating Board
 Jakarta, Indonesia

Visid Prachuabmoh (term ends in fall of 1976)
 Director, Institute of Population Studies
 Chulalongkorn University
 Bangkok, Thailand

Douglas S. Yamamura (term ends in fall of 1976)
 Chancellor, University of Hawaii at Manoa
 Honolulu, Hawaii

5 future plans

The Agency for International Development's grant AID/pha-G-1058 provides support to the Institute for a three-year transitional period during which earlier core support will diminish as the Institute looks to funding of its basic staff and programs by regular appropriations to the East-West Center. It is anticipated that then AID will fund specific projects in which it has an interest.

During the period of the grant special attention will be devoted to the generation and analysis of demographic information with a view to improving and updating knowledge of the demographic situation in all major nations of Asia and the Pacific. Most of the work in this area will be carried out in close cooperation with other organizations in the region. Such collaboration will enhance the demographic research and training capacities in the cooperating countries as well as add to Institute research capabilities and resources in the region. Specifically, Institute activities will focus on census evaluation and analysis, and on tabulation and analysis of such relevant demographic surveys as the World Fertility Survey. Attention will also be directed to the development and refinement of estimating and analytic techniques.

The research proposal outlined for population policy and program evaluation in the Republic of Korea marks the beginning of the Institute's active interest in analyzing and evaluating the population policies and programs of major developing nations in Asia, and in developing recommendations for more effective population policies and programs. These studies should generate valuable information for the use of government officials charged with population policy and program development.

The Institute will continue to help meet the need for demographic and related population expertise in Asia, the Pacific, and the United States through its scholarship and faculty support of the University of Hawaii's degree study program, and through such professional development activities as conferences, workshops, and individual internships. A significant number of Institute alumni are already engaged in professional population activities throughout the world.

appendix

In addition to staff activities directly related to Institute programs described in the main body of this report, staff members undertook special responsibilities and assignments during the year on behalf of the Institute, the East-West Center, the University of Hawaii, and their professional disciplines. These activities included administrative and committee assignments, participation in meetings and conferences, and professional and public service. A final section of this appendix lists all publications and presented papers by author.

Administrative and committee assignments

Institute

Computer Committee: Minja Choe (chair), Lee-Jay Cho, Griffith Feeney, James Palmore, Peter Pirie, Robert Retherford

Field Study Committee: Peter Pirie (chair), Dennis Chao, Murray Chapman, Griffith Feeney (October 1974-June 1975), Carolyn Ishikawa, Peter Kunstadter, Y. Scott Matsumoto, Susan Palmore, Peter Smith (June 1975)

Personnel Committee: Lee-Jay Cho (chair), Keith Adamson, James Palmore, Peter Pirie, Robert Retherford

Publications Committee: Sandra Ward (chair), Keith Adamson, Lee-Jay Cho, Elizabeth Gould (ex officio), Alice Harris, Robert Retherford

Ad Hoc Cartographic Committee: Peter Pirie (chair), James Palmore, Robert Retherford, Sandra Ward, Everett Wingert

Ad Hoc Selection Committee for Program Officer, Graduate Study: Murray Chapman, Kajorn Howard, Peter Kunstadter, Susan Palmore, Peter Pirie

East-West Center

Council of Directors: Lee-Jay Cho

Professional Development Committee: Robert Retherford

Publications Advisory Board: Sandra Ward

Study Program Officers Committee: Peter Pirie

**Ad Hoc Selection Committee for Director, East-West Communication Institute:
Lee-Jay Cho**

**Ad Hoc Selection Committee for Executive Administrator, Participant Services:
Kajorn Howard**

**Ad Hoc Selection Committee for Publications Officer, East-West Communication
Institute: Sandra Ward**

**Ad Hoc Working Group on Academic Position Classification Standards: Lee-Jay
Cho, Griffith Feeney**

University of Hawaii

Academic Program Committee, Department of Anthropology: Alan Howard

Admissions Committee, Department of Geography: Gary Fuller

Advisory Council on International Relations of the University

Carnegie Corporation Taskforce: Peter Pirie

Executive Committee: Lee-Jay Cho

Pacific Committee: Peter Pirie

Population Program Committee: Lee-Jay Cho, Eleanor Nordyke, Peter Pirie

**Ad Hoc Committee on East-West Center and University of Hawaii Relations:
Peter Pirie**

Board, University Press of Hawaii: Peter Pirie

Chancellor's Committee on Social Studies Education: Gary Fuller

College of Arts and Sciences, Faculty Senate: Gary Fuller

Curriculum Committee, School of Public Health: Y. Scott Matsumoto (chair)

**DEIDS (Development of an Integrated Health Care Delivery System)/Thailand
Committee, School of Public Health: Peter Kunstadter**

Editorial Board, *Pacific Health*: Eleanor Nordyke

Executive Committee, Japan Study Group of Manoa Campus: Y. Scott Matsumoto

Executive Council, School of Public Health: Y. Scott Matsumoto

Graduate Committee, Department of Sociology: Lee-Jay Cho

Graduate Field of Study, Department of Geography: Murray Chapman (co-chair)

Graduate Program Committee, Department of Geography: Murray Chapman (chair), Peter Pirie

Graduate Council

Subcommittee for Graduate Programs: Peter Pirie

Subcommittee for Review of Department of Educational Foundations, College of Education: Peter Pirie (chair)

Library Committee, Department of Economics: Dennis Chao (chair)

National Institute of Mental Health Training Program, Department of Anthropology: Alan Howard (director)

Pacific Islands Studies Program Committee: Peter Pirie

Personnel Committee, Department of Geography: Murray Chapman, Peter Pirie

Population Studies Advisor, Department of Sociology: James Palmore

Population Studies Program, College of Arts and Sciences: Alan Howard (director)

Promotion and Tenure Committee, Department of Sociology: James Palmore

Publications Committee, Department of Geography: Peter Pirie

Research and Publication Committee, International Health Program, School of Public Health: Y. Scott Matsumoto (chair)

Task Force on Biostatistics-Demography/Family Planning, School of Public Health: Y. Scott Matsumoto (chair), Chai Bin Park

Task Force on Curriculum Review for Reaccreditation, School of Public Health: Y. Scott Matsumoto

Task Force on Program of Graduate Studies Leading to the Doctorate of Public Health, School of Public Health: Y. Scott Matsumoto

Undergraduate Curriculum Committee, Department of Economics: Johannes Overbeek

Vice Chancellors' Committee To Review Instructional Program, College of Tropical Agriculture: Peter Pirie (convenor)

Ad Hoc Personnel Promotion Committee, International Health Program, School of Public Health: Y. Scott Matsumoto (chair)

Meetings and conferences

Korean Research Planning Meeting, The Population Council and University of Michigan Population Studies Center, Ann Arbor, Michigan, July 1974: Lee-Jay Cho participated in the meeting.

East-West Center-South Pacific Commission Training Course in Population Statistics, Suva, Fiji, July-August 1974: Peter Pirie was co-director.

Population Dynamics Seminar, East-West Population Institute, Honolulu, Hawaii, August 1974. (See Professional Development section, p. 41.)

World Population Conference, Bucharest, Romania, August 1974: Lee-Jay Cho was technical consultant to the delegation from the Republic of Korea.

Conference on the Potential for Japanese-U.S. Cross-National Research on Aging, San Francisco, California, September 1974: Y. Scott Matsumoto was a resource person.

Meetings of the Population Study Section, National Institute of Child Health and Human Development (NICHD), Washington, D.C., September 1974 and January 1975, and Seattle, Washington, April 1975: Alan Howard participated in the meetings.

Seminar on Tabulation and Analysis of Survey Data, International Statistical Institute, World Fertility Survey, London, England, September 1974: Lee-Jay Cho was a participant.

Project Advisory Committee Meeting, RAND Socio-economic Survey, Department of Statistics, Malaysia, Kuala Lumpur, October 1974: James Palmore, a member of the advisory committee, participated.

Workshop on the Value of Children, Phase Two, Manila, Philippines, October 1974: Sonia Albores, Fred Arnold, and Sandra Ward were participants.

American Anthropological Association, 73rd Annual Meeting, Mexico City, Mexico, November 1974: As chair of the Ad Hoc Committee on Population Education, Alan Howard presented a report to the Steering Committee of the Council on Anthropology and Education; Elizabeth Gould attended sessions related to population and fertility.

American Society of Tropical Medicine and Hygiene, Annual Meeting, Kaanapali, Hawaii, November 1974: Peter Kunstadter debated against the proposition that disease is the most significant stimulus for population growth in the tropics.

Conference on Population Policy and National Development, UNFPA, Pusan, Republic of Korea, November 1974: Lee-Jay Cho was a resource person.

Korean Preventive Medicine Society, Annual Meeting, Choonchun, Republic of Korea, November 1974: Chai Bin Park gave a talk on "Views on Population Problems" at the Population Symposium.

Seminar on Population Policy and National Development, Pusan, Republic of Korea, November 1974: Chai Bin Park was a discussant in session on New Approaches in Family Planning.

Workshop-Conference on Own-Children Method of Fertility Estimation, East-West Population Institute, Honolulu, Hawaii, November-December 1974. (See Professional Development section, p. 23.)

Commission on Population Geography, International Geographic Union, Working Meeting, Palmerston North, New Zealand, December 1974: Murray Chapman attended the meeting as corresponding member for the Pacific; Peter Pirie presented a paper on "The demographic effects of local socio-economic change on small populations: a Samoan example."

Conference on Population Socialization, East-West Population Institute, Honolulu, Hawaii, December 1974. (See Professional Development section, p. 31.)

DEIDS (Development of an Integrated Health Care Delivery System)/Thailand Preliminary Evaluation Workshop, Bangkok, Lampang, and Chiang Mai, Thailand, December 1974: Peter Kunstadter was a participant.

Meeting of the American Economic Association, San Francisco, California, December 1974: Johannes Overbeek attended the meeting.

Meeting on the Needs of Pacific Research, South Pacific Commission and International Development Research Corporation (Canada), Noumea, New Caledonia, December 1974: Peter Pirie attended the meeting.

Seminar on Statistical Package for the Social Sciences (SPSS), San Francisco, California, December 1974: Carol Carlson attended the seminar.

Workshop on Census Measurement of Socioeconomic Status, East-West Population Institute, Honolulu, Hawaii, December 1974. (See Professional Development section, p. 25.)

World Population Year Symposium on Population at Small Scales, UNESCO and The Population Council, Palmerston North, New Zealand, December 1974: A member of the organizing committee, Murray Chapman was chair of one session and presented an invited paper on "Tribal mobility as circulation: a Solomon Islands example of micro/macro linkages."

Country Health Programming Exercise, Thailand Ministry of Public Health and World Health Organization, Bangkok, Thailand, January 1975: Peter Kunstadter was a participant.

International Conference on Child Health and National Development, Ministries of Public Welfare and Health, Republic of Vietnam, Saigon, January 1975: Peter Kunstadter attended the conference.

Meeting of the Review Panel on Family Planning, National Institute of Child

Health and Human Development (NICHD), Washington, D.C., January 1975: James Palmore took part in the meeting.

Meeting of the Subcommittee on the South Pacific, Carnegie Corporation Board, New York, New York, January 1975: Peter Pirie attended the meeting.

Solomon Islands Museum Association, Public Meeting, Honiara, Solomon Islands, January 1975: Murray Chapman discussed the results of the population-resources survey of south coast of Guadalcanal (see Research).

Conference on the 1980 Census of Population and Housing, American Statistical Association (Hawaii Chapter), U.S. Bureau of the Census, Hawaii Department of Health, and Hawaii Department of Planning and Economic Development, Honolulu, Hawaii, March 1975: Elizabeth Gould and Eleanor Nordyke attended the conference.

Demographic Analysis and Data Evaluation Workshop, Department of Statistics, Kuala Lumpur, Malaysia, March 1975: Griffith Feeney presented a lecture on the own-children method of fertility estimation.

Population Education Workshop, National Institute of Child Health and Human Development, Belmont Conference Center, Elkridge, Maryland, March 1975: James Palmore presented a paper entitled "Knowledge and attitudes of young people about population."

Regional Meeting of Population Census Planners Conference, South Pacific Commission, Noumea, New Caledonia, March 1975: Peter Pirie was an observer-consultant and presented a paper entitled "Defining urban areas for census purposes."

Association of American Geographers, Annual Meeting, Milwaukee, Wisconsin, April 1975: Gary Fuller presented a paper entitled "An experiment on the durability of mental maps."

Association for Population/Family Planning Libraries and Information Centers (APLIC), 8th Annual Conference, Seattle, Washington, April 1975: Lee-Jay Cho addressed the conference on the topic "Survey of demographic information and policy implications for developing countries in Asia and the Pacific"; Elizabeth Gould presented a paper entitled "The special subject newsletter as a medium for information exchange"; Alice Harris, elected member of the APLIC board in April, was chair of a panel on Idea and Information Exchange.

Population Association of America, Annual Meeting, Seattle, Washington, April 1975: Lee-Jay Cho was chair of session on Asian Demography, James Palmore chaired session on the Evaluation of Population Programs, Peter Smith presented a paper entitled "Changing social structure and the timing of first marriage in the Philippines"; Griffith Feeney, Gary Fuller, Robert Gardner, Elizabeth Gould, Alice Harris, Alan Howard, Kajorn Howard, Y. Scott Matsumoto, Susan Palmore, Johannes Overbeek, and Sandra Ward attended the meeting.

Forum on Health Manpower Planning, Hawaii Public Health Association, Honolulu, Hawaii, May 1975: Eleanor Nordyke participated.

Fourth Population Census Conference, East-West Population Institute, May 1975. (See Professional Development section, p. 27.)

Planning Conference on Communication in the Pacific, East-West Communication Institute, Honolulu, Hawaii, May 1975: Peter Pirie presented a paper on "The changing profile of population in the Pacific."

Seminar on Infant Mortality in Relation to the Level of Fertility, Committee for International Coordination of National Research in Demography (CICRED), Bangkok, Thailand, May 1975: Robert Retherford was a member of the organizing committee for the seminar and presented a paper entitled "The influence of child mortality on fertility: a review of mechanisms."

Conference on the Measurement of Preference for Number and Sex of Children, East-West Population Institute, Honolulu, Hawaii, June 1975. (See Professional Development section, p. 34.)

Man and the Biosphere, U.S. National Committee for Project 12 (Interactions between Environmental Transformations and Genetic and Demographic Changes), University Park, Pennsylvania, June 1975: Peter Kunstadter presented a statement on migration studies for inclusion in the National Program Statement and was named a member of the U.S. secretariat for Man and the Biosphere Project 12.

Man in the Tropical Forest Ecosystem, UNESCO, Paris, France, June 1975: Peter Kunstadter prepared a draft paper on demographic aspects of man in the tropical forest ecosystem, for distribution at the conference.

San Francisco Research Planning Conference on Asian Immigration, National Science Foundation, Research Applied to National Needs, RAND, San Francisco, California, June 1975: Alan Howard delivered a paper entitled "Filipinos abroad," participated in panel discussing the impelled migration of Vietnamese to the United States, and was discussion leader for workshop on Education and the Asian Immigrant.

Second Conference on International Migration from the Philippines, East-West Population Institute, Honolulu, Hawaii, June 1975. (See Professional Development section, p. 33.)

Western Economic Association Conference, San Diego, California, June 1975: Dennis Chao was chair of session on Fertility Trends.

Sixth Summer Seminar in Population, East-West Population Institute, Honolulu, Hawaii, June-July 1975. (See Professional Development section, p. 37.)

Professional and public service

American Center, Karachi, Pakistan: Robert Gardner was chair and panel member of several public discussions of population problems.

American Public Health Association and Ministry of Public Health, Thailand: Peter Kunstadter was a consultant on the DEIDS (Development of an Integrated Health Care Delivery System)/Thailand Project and on Country Health Programming.

Carnegie Corporation of New York: Peter Pirie was a consultant to the Board on the needs of higher education in the Pacific Islands.

Committee for Comparative Behavioral Studies in Population (COMBEP): James Palmore was elected to the Executive Board.

Council for Asian Manpower Studies: Peter Smith was named an associate member of the Council.

Demography: Lee-Jay Cho, Griffith Feeney, James Palmore, and Robert Retherford served as editorial consultants to the journal.

Government of American Samoa: Michael Levin and Peter Pirie served as consultants to the 1974 Census of Population, Office of Economic Planning.

Government of the Solomon Islands: Murray Chapman continued as consultant on the population-resource situation of South Guadalcanal and in December 1974 briefed senior politicians and their advisors on the implications of population research for the Seventh Development Plan (1975-77).

Government of the Trust Territory of the Pacific Islands (TTPI): Carol Carlson and Minja Choe were consultants on the processing of the 1973 Census of TTPI.

Honpa Hongwanji Mission, Hawaii Betsuin Women's Association, Honolulu: Y. Scott Matsumoto gave a talk on health and the elderly population in June 1975.

Human Ecology: Peter Kunstadter reviewed several manuscripts for the journal.

International Geographical Union (IGU): Murray Chapman continued as corresponding member for the Pacific, Commission on Population Geography, and as a member of the Organizing Committee for the World Population Year Symposium on Population at Small Scales.

Journal of the American Statistical Association: Griffith Feeney was an editorial consultant.

Korean Institute for Family Planning: Chai Bin Park was a research consultant.

National Endowment for the Humanities: James Palmore reviewed research proposals for the agency.

National Institute of Child Health and Human Development (NICHD): Alan Howard served as a member of the Population Study Section and reviewed proposals; as a member of the Ad Hoc Review Panel on Family Planning, Center for Population Research, James Palmore reviewed research proposals.

National Science Foundation: Peter Kunstadter, Y. Scott Matsumoto, and James Palmore reviewed research proposals for the foundation.

Planned Parenthood of Hawaii: Eleanor Nordyke served as a member of the Board of Directors and on the Committee on Clinic Operations.

Policy Advisory Group on Family Planning, State of Hawaii: Eleanor Nordyke was the Institute representative on the committee.

Radio Station KOHO, Honolulu: Y. Scott Matsumoto presented a talk on socio-psychological aspects of urbanization in February 1975 and Chai Bin Park discussed positions on population problems in April.

Second Shin Buddhist Seminar, Oahu United Hongwanji Women's Association, Kahuku, Hawaii: Y. Scott Matsumoto presented a lecture on public health and population in November 1974.

Smithsonian Institution: James Palmore reviewed research proposals for the International Program for Population Analysis, Interdisciplinary Communications Program, and was appointed to their Editorial Board.

Social Science History Association: Peter Smith was appointed a member of the Subcommittee on Scholarly Networks for Asia.

South Pacific Commission: Murray Chapman began serving in September 1974 as a consultant on a study of the Solomon Islands demography.

Statistical Division, Government of Pakistan: Robert Gardner taught a three-month introductory course on demographic methods, was adviser to several research projects, and helped to develop a library catalog of demographic publications.

Television Station KHET-TV, Honolulu: Fred Arnold discussed the results of the Value of Children Study in Hawaii in June 1975.

United Nations Educational, Scientific, and Cultural Organization (UNESCO) Division of Ecological Sciences: Peter Kunstadter served as a consultant on demographic aspects of man in the tropical forest ecosystem.

United Nations Economic and Social Commission for Asia and the Pacific (ESCAP): Peter Smith was a consultant to the Population Division and prepared a chapter entitled "Trends and differentials in nuptiality" for a forthcoming monograph on the population situation in the Philippines.

United Nations Office of Technical Cooperation and United Nations Fund for

Population Activities: Peter Pirie was appointed by the U.N. agencies in June 1975 as advisor to the Faculty of Economics and Administration, University of Malaya, on the establishment of a Population Studies Program.

United States National Committee for Man and the Biosphere: Peter Kunstadter was a consultant on demographic and social science aspects of interactions between environmental transformations and genetic and demographic changes.

University of the Philippines Population Institute: Since January 1975 Peter Smith has served as consultant to the Institute's Population, Resources, Environment, and the Philippine Future research program; he is also a general consultant to the Institute in its analysis of the 1973 National Demographic Survey.

University of Indonesia, Faculty of Public Health: Chai Bin Park served as a consultant to the Department of Biostatistics.

World Fertility Survey (WFS): Fred Arnold was a consultant to WFS on the Survey of Fertility in Thailand; Lee-Jay Cho was appointed a member of the Technical Advisory Committee for a two-year term.

Working Group on Population Projections for Thailand: Fred Arnold was a member of the group.

Young Men's Christian Association (YMCA), Honolulu: Eleanor Nordyke was a member of the Board of Directors.

Publications and conference papers

Fred Arnold (with James T. Fawcett, Rodolfo A. Bulatao, Chahio Buripakdi, Betty Jamie Chung, Toshio Iritani, Sung Jin Lee, and Tsong-Shien Wu)

1974 *The Value of Children in Asia and the United States: Comparative Perspectives.* Papers of the East-West Population Institute, no 32.

(with Lois W. Hoffman et al.)

1974 A cross-cultural study of the value of children. Paper presented at the Annual Meeting of the American Psychological Association, New Orleans, Louisiana, August 1974.

(with Rodolfo A. Bulatao, Chahio Buripakdi, Betty Jamie Chung, James T. Fawcett, Toshio Iritani, Sung Jin Lee, and Tsong-Shien Wu, and with assistance of Sonia C. Albores)

1975 *Introduction and Comparative Analysis. Vol. 1, The Value of Children: A Cross-National Study*, approx. 200 pp. Honolulu: East-West Population Institute (in press).

(with James T. Fawcett and with assistance of Sonia C. Albores and Peter S. Norris)

1975 *Hawaii. Vol. 3, The Value of Children: A Cross-National Study.* 160 pp. Honolulu: East-West Population Institute.

(with Mathana Phananiramai)

- 1975 Revised estimates of the 1970 population of Thailand. Bangkok: National Statistical Office.

(with Anuri Wanglee)

- 1975 Demographic evaluation of the 1970 Census of Population and Housing in Thailand. Paper presented at the Fourth Population Census Conference, East-West Center, Honolulu, Hawaii, May.

Murray Chapman

- 1974 Tribal mobility as circulation: a Solomon Islands example of micro/macro linkages. Paper presented at World Population Year Symposium on Population at Small Scales, Palmerston North, New Zealand, December.
- 1975 Mobility in a nonliterate society: method and analysis for two Guadalcanal communities. In *People on the Move: Studies on Internal Migration*, L.A. Kosinski and R.M. Prothero, eds. London: Methuen.
- 1975 Population geography and the island Pacific. *Pacific Viewpoint* 16(2). In press.

Murray Chapman and Peter Pirie (assisted by Martin Avasi, Judith Bennett, Linley Chapman, Judith Foye, Thomas Foye, Keri Freeman, Robert Freeman, Elizabeth Kaminaka, David McLure, Wanda McLure, Ann Midkiff, Jane Tanner, David Wall, Eric Witt, and Paul Wright)

- 1974 Tasi Mauri: a report on population and resources of the Guadalcanal Weather Coast. Draft produced for local evaluation. 772 pp. Honolulu: East-West Population Institute (multilith).

Lee-Jay Cho

- 1974 *Estimates of Current Fertility for the Republic of Korea and Its Geographical Subdivisions: 1959-1970*. 102 pp. Yonsei: Yonsei University Press.
- 1975 Survey of demographic information and policy implications for developing countries in Asia and the Pacific. Paper presented at the 8th Annual Conference of the Association for Population/Family Planning Libraries and Information Centers (APLIC), Seattle, Washington, April.

Lee-Jay Cho, Griffith Feeney, James A. Palmore, and Robert D. Retherford

- 1975 An examination of issues in the tabulation and analysis of World Fertility Survey Data. World Fertility Survey.

(editor, with assistance of David B. Johnson and Milann Gannaway)

- 1975 *Introduction to Censuses of Asia and the Pacific, 1970-74*. Approx. 168 pp. Honolulu: East-West Population Institute (in press).

Griffith Feeney

- 1975 Demographic concepts and techniques for the study of small populations. Chapter 2 of *Pacific Atoll Populations*, Vern Carroll, ed. Association for Social Anthropology in Oceania Monograph No. 3. Honolulu: University Press of Hawaii.
- 1975 Nukuoro birth rates, death rates, and expectation of life. Appendix 3 to Chapter 8 of *Pacific Atoll Populations*, *ibid.*
- 1975 The own-children method of estimating age-specific fertility rates. Paper prepared for Demographic Analysis and Data Evaluation Workshop, conducted by U.S. Bureau of the Census at the Department of Statistics, Malaysia, March.

Griffith Feeney and Lee-Jay Cho

- 1974 Retrospective estimation of single-year age-specific fertility rates by the own-children method—a methodological elaboration. Technical appendix to *Estimates of Current Fertility for the Republic of Korea and Its Geographical Subdivisions: 1959-1970*, by Lee-Jay Cho, *op. cit.*

Gary Fuller

- 1974 On the spatial diffusion of fertility decline: the distance-to-clinic variable in a Chilean community. *Economic Geography* 50(4): 324-332.
- 1975 An experiment on the durability of mental maps. Paper presented at the Annual Meeting of the Association of American Geographers, Milwaukee, Wisconsin, April.
- 1975 Response to "Symbols of status re-organization in metropolitan areas." In *Social Forces in Urbanization*, Open Grants Symposium Report. Honolulu. East-West Center.

Gary Fuller and Murray Chapman

- 1974 On the role of mental maps in migration research. *International Migration Review* 8(winter).491-506.

Elizabeth Gould

- 1975 The special subject newsletter as a medium for information exchange. Paper presented at 8th Annual Conference of the Association for Population/Family Planning Libraries and Information Centers (APLIC), Seattle, Washington, April.

Alan Howard

- 1974 *Ain't No Big Thing: Coping Strategies in a Hawaiian-American Community*. 336 pp. Honolulu: University Press of Hawaii.
- 1974 Report of the Ad Hoc Committee on Population Education. *Council on Anthropology and Education Newsletter* (November).

- 1975 Filipinos abroad. Paper presented at San Francisco Research Planning Conference on Asian Immigration, San Francisco, California, June.

Kajorn Howard (translator)

- 1975 [Population Research in Thailand: A Review and Bibliography.] Bangkok: Institute of Population Studies, Chulalongkorn University. In Thai.

Peter Kunstadter

- 1974 Herbicide use in Vietnam. Letter to *Science* 186:1075, December 20.
- 1974 Usage et tenure des terres chez les Lua' (Thailand) [Land use and land tenure among the Lua' of Thailand]. *Etudes rurales* 53-56: 449-466, January-December.

Peter Kunstadter (with Neil Jamieson and Gary Murfin)

- 1975 Preliminary outline of research needs in the study of adjustment of Vietnamese refugees to the United States. In *Proceedings of San Francisco Research Planning Conference on Asian Immigration*. City of San Francisco and National Science Foundation (in press).

(with Arthur Kleinman, E. Russell Alexander, and James L. Gale, editors)

- 1975 *Medicine in Chinese Cultures: Comparative Studies of Health Care in Chinese and Other Societies* Washington, D.C.: U.S. Government Printing Office for the Fogarty International Center, National Institutes of Health (in press).

Y. Scott Matsumoto (with Kanae Kaku)

- 1975 Influence of a folk superstition on fertility of Japanese in California and Hawaii, 1966. *American Journal of Public Health* 65(2): 170-174.

James A. Palmore

- 1975 Demographic evaluation systems and psychological research designs. In *Population Psychology: Research and Educational Issues*, Sidney Newman, ed. Washington, D.C.: U.S. Government Printing Office.
- 1975 Knowledge and attitudes of young people about population. Paper presented at Population Education Workshop, National Institute of Child Health and Human Development, Elkridge, Maryland, March.

(with Ramesh Chander and Dorothy Z. Fernandez)

- 1975 The demographic situation in Malaysia. In *Population and Development in Southeast Asia*, John F. Kantner and Lee McCaffrey, eds. Lexington, Massachusetts: D.C. Heath and Company.

(with Roy G. Smith, Patricia G. Steinhoff, and Charlotte Payne)

- 1975 The utilization of conception cohorts in family planning evaluation. *Contraception* (in press).

(with Patricia G. Steinhoff, Roy G. Smith, Donald E. Morisky, and Ronald J. Pion)

- 1975 Pregnancy planning in Hawaii. *Family Planning Perspectives* 7(3): 138-142.

James A. Palmore and Chai Bin Park

- 1975 Existing population policies and action programs in Asia and the Pacific. *Lawasia* (in press).

Chai Bin Park

- 1975 Lifetime probability of additional births by age and parity for American women, 1935-68: a new measurement of period fertility. *Demography* (in press).
- 1975 The third Korean child: son preference and family building. Paper presented at the Conference on the Measurement of Preference for Number and Sex of Children, East-West Center, Honolulu, Hawaii, June.

(with K. Tsuchiya, M. Sugita, Y. Seki, Y. Kobayashi, and M. Hori)

- 1975 Study of lead concentrations in atmosphere and population in Japan. In Coulston/Korte, *Environmental Quality and Safety Supplement*. Vol. 2, 52 pp. Stuttgart: Georg Thieme Verlag.

Peter Piie

- 1974 The demographic effects of local socio-economic change on small populations: a Samoan example. Abstracted in International Cartographic Union, *Commission on Population Geography Symposium Proceedings*, Palmerston North, New Zealand. To be published in *Population in Microscale*, L. Kosiński and J. Webb, eds. (in press).
- 1975 The changing profile of population in the Pacific. Paper presented at Planning Conference on Communication in the Pacific, East-West Center, Honolulu, Hawaii, May. In *Proceedings of the Conference on Communication in the Pacific*, D. Lerner, ed. (in press).
- 1975 Defining urban areas for census purposes. Paper presented at Regional Meeting of Population Census Planners Conference, South Pacific Commission, Noumea, New Caledonia, March.

Robert D. Retherford

- 1975 *The Changing Sex Differential in Mortality*. 152 pp. Westport, Connecticut: Greenwood Press.

- 1975 The influence of child mortality on fertility: a review of mechanisms. Paper presented at the Committee for International Coordination of National Research in Demography (CICRED) Seminar on Infant Mortality in Relation to the Level of Fertility, Bangkok, May 2-6.
- 1975 Own-children tabulations relating to the effect of child mortality on fertility. Paper presented at the Fourth Population Census Conference, East-West Center, Honolulu, Hawaii, May 19-23.

Robert D. Retherford and Lee-Jay Cho

- 1975 Age-parity-specific birth rates, birth expectations, and birth probabilities from census or survey data on own children. Paper presented at the Fourth Population Census Conference, East-West Center, Honolulu, Hawaii, May 19-23.

Peter C. Smith

- 1974 Educational attainment and choice of spouse: an introductory note on assortative mating. *Philippine Sociological Review* (in press).
- 1974 The new nuptiality: recent evidence of delayed marriage, and a projection to 2000. *Philippine Sociological Review* (in press).
- 1975 Changing patterns of nuptiality. In *A Demographic Path to Modernity: Patterns of Early-Transition in the Philippines*, Wilhelm Flieger and Peter C. Smith, eds. Manila, University of the Philippines Press.
- 1975 Changing social structure and the timing of first marriage in the Philippines. Paper presented at the Annual Meeting of the Population Association of America, Seattle, Washington, April.
- 1975 Fertility and nuptiality: the local-area mosaic. In *A Demographic Path to Modernity*, op. cit.
- 1975 Philippine nuptiality in the twentieth century. In *Population and Development in Southeast Asia*, John F. Kantner and Lee McCaffrey, eds. Lexington, Massachusetts: D.C. Heath and Company.
- 1975 Regional fertility and nuptiality indices for 1960. Appendix A in *A Demographic Path to Modernity*, op. cit.
- 1975 The social demography of Filipino migrations, internal and to the United States. Paper presented at the Conference on International Migration from the Philippines, East-West Center, Honolulu, Hawaii, June 2-6.
- 1975 The turn-of-the-century birth rate: estimates from birth registration and age structure. In *A Demographic Path to Modernity*, op. cit.

(with Wilhelm Flieger, eds.)

- 1975 *A Demographic Path to Modernity: Patterns of Early-Transition in the Philippines*. 344 pp. Manila: University of the Philippines Press.

(with Vicente B. Paqueo)

- 1975 Economic-demographic models: uses, limitations, and research problems. In *Proceedings of the Experts' Meeting on Philippine Population Research*, 10-12 October 1974, Population Center, Makati, Philippines.