FOREWORD

This is the second in a series of summaries based on quarterly reports prepared by the Southern Rural Development Center’s Functional Networks.

Functional Networks were established by SRDC as an approach to synthesizing and disseminating research information concerning rural development across the South.

Currently, there are ten Functional Networks in operation. Functional Networks, under the leadership of a Center Associate, bring together researchers, professionals, and educators from across the South to synthesize and evaluate research in rural development problem areas. These networks have been the working membership of each Network. In this summary, the experts who are working with a specific Network are listed with the Network for which they have made contributions.

This summary covers the work of the Networks from April 1, 1976, to June 30, 1976.

William W. Linder
William W. Linder
Director
Southern Rural Development Center

October 1976.
SUMMARY OF QUARTERLY REPORTS

Spring 1976

FUNCTIONAL NETWORKS

SOUTHERN RURAL DEVELOPMENT CENTER

Published by the SOUTHERN RURAL DEVELOPMENT CENTER
Box 5406
Mississippi State, Mississippi 39762

SRDC Series Publication No. 16

October 1976
SUMMARY OF QUARTERLY REPORTS
Spring 1976

FUNCTIONAL NETWORKS

SOUTHERN RURAL DEVELOPMENT CENTER

APPROACH TO PROBLEM SOLVING
One of the Southern Rural Development Center's approaches to problem solving is to bring together recognized experts, professionals, and educators from across the region. The task of these experts is to synthesize research in high-priority areas of rural development and to share their findings through consultation, workshops, and publications.

SOLUTION IN OPERATION
These cluster research groups operate under the name of Functional Networks and are led by a Center Associate. Key scientists and educators within the region are selected to serve as Center Associates who give of their time without pay. Funds are provided by the SRDC for research and clerical assistance, travel, and publication needs.

AREAS OF RESEARCH
Center Associates are selected on the basis of proposals submitted to the Center indicating a desire to form a Network. Proposals must be in one area or subarea of the four main concerns of rural development:

Community Services and Facilities
People Building
Economic Development
Environmental Improvement
Ten Networks currently being funded are:

- Inventory and Appraisal of Research Concepts, Methods, and Results in Land Use Issues
- Citizen Participation in Rural Development
- A Synthesis of Evaluative Research Literature for Rural Development
- Small Farm Operations
- Industrialization of Rural Areas
- Health Care and Rural Development
- Educational Needs Projection and Rural Development
- Synthesis of Research Results Relevant to the Impact of Governmental Transfer Payments on Human Resource Development
- Community Services: Solid Waste Disposal and Financing
- Inventory and Review of Selected Recent Housing Research

Although each Network has a different assignment each has a common goal, to evaluate and catalog the current state of research knowledge in their area of responsibility. Their findings are correlated and assisted by the SRDC through disseminating the results in workshops, consultation, and publications such as bibliographies, fact sheets, research reports, and newsletters. The target audience for this information is rural development professionals and other appropriate groups.

The Network has not met as a group this quarter. The Center Associate has coordinated the work of subcommittees carrying out specific aspects of the inventory and evaluation. The Center Associate and his research assistants have been responsible for reviewing publications and Research and Extension programs and completing the
bibliography. A workshop is planned for December or January and will include Research and Extension personnel from throughout the region. The workshop will be coordinated with meetings of other regional committees. No additional funds are sought at this time, although the SRDC might be asked to handle publicity, etc., for the workshop.

The project has been delayed slightly and extended due to a relocation of the Center Associate (to the University of Florida as Visiting Professor) and return to Virginia Polytechnic Institute and State University. However, it is anticipated that project objectives will be accomplished and culminate with the workshop.

Members making up the Network are:

Dr. Burl F. Long, Center Associate
Associate Professor
Department of Agricultural Economics
VPI & State University

Dr. Michael Appleby
Environmental & Urban Systems
VPI & State University

Dr. Sandra Batie
Assistant Professor, Agricultural Economics
VPI & State University

Mr. Bob Chapin
Director of Land Use Center
Cooperative Extension Service
Mississippi State University

Dr. Leon Danielson
Extension Economist
Assistant Professor of Economics
North Carolina State University

Dr. Craig Infanger
Extension Specialist in Rural Development
Department of Agricultural Economics
University of Kentucky
Dr. Aga Khan  
Virginia State College

Dr. J. Paxton Marshall  
Department of Agricultural Economics  
VPI & State University

Dr. Darrell Mundy  
Department of Agricultural Economics and Rural Sociology  
University of Tennessee

It was decided during this quarter to hold a third meeting of the Network in Boise, Idaho, August 2, 1976, immediately prior to the Community Development Society Meetings, to be held in the same city. Actual accomplishments during the quarter follow.

A format for the final bibliography has been developed and additional citations have been identified and obtained. Preliminary permission has been secured to reprint a large portion of the abstracts and annotations that will be used, and formal, written permission has been obtained for some of them.

Approximately 150 pages of the final bibliography have been composed and typed. The total bibliography will be approximately 400 to 450 pages long, including approximately 2,000 to 2,200 items. Two persons are now working on this composition and typing so this task should be finished by the end of July.

The following subject matter areas have preliminary syntheses written:

a. OEO and Model Cities (this synthesis has been
revised and will be presented at the meetings of the Community Development Society).

b. Publicly owned natural resources (Forest Service, National Park Service, Bureau of Land Management, Corps of Engineers).

c. Health.

d. Voluntary associations.

e. Urban renewal and housing.

Other areas which are nearing completion are:

a. State and local government.

b. Areawide planning and development.

c. Transportation planning.

d. Revenue sharing.

Finally, there are two which should be near completion which are being done off the Fayetteville campus, as follows:

a. Community Development Corporations and Cooperatives.

b. Community Resource Development.

These preliminary research syntheses involve both analyses performed by Network members or others whom they have designated, and selected "readings" gleaned from the existing literature.

At the final meeting in Boise, Idaho, August 2, a decision will be made about the disposition of the various research syntheses. Following that, it will be the responsibility of the Fayetteville group to rewrite those
materials in whatever form is decided. At this time, there appear to be several alternatives.

The Network contains the following membership:

Dr. Donald E. Voth, Center Associate
Department of Agricultural Economics and
Rural Sociology
University of Arkansas

Mr. William S. Bonner, Center Associate
Chairman, Division of Community Affairs
University of Arkansas

Dr. James Dawson
Associate Dean for Extension
Alabama A & M University

Dr. David Houston
Department of Agricultural Economics
University of Arkansas at Pine Bluff

Dr. David C. Ruesink
Department of Agricultural Economics and
Rural Sociology
Texas A & M University

Ms. Janice Whitener
Department of Home Economics
Appalachian State University

EVALUATIVE RESEARCH LITERATURE

The contract for this Network, the first to be funded, has been extended through December 1976. The interim bibliography is currently being prepared for printing and has been distributed on a limited basis. The document has approximately 600 references. The final annotated bibliography, which will report a restricted set of bibliographic references, is well under way.

At a more synthetic level, these papers have been prepared and circulated which discuss: (1) the philosophy and concept of evaluation, (2) alternative modes of evaluation,
and (3) research responsibilities of the evaluator.

The Network is in the process of preparing a manuscript on "criterion setting" for rural development that will complement the other manuscripts. All of these manuscripts will ultimately be compiled into one brief statement on the "state of the art" of evaluation for rural development.

The Network has also prepared and circulated on a quarterly basis a project Newsletter. The response has been gratifying, with 800 mailings each quarter.

A mailing list of interested personnel in the topic of evaluation has been developed. This list will be a very important resource.

A spinoff of the work by the Network has resulted in the development of ties both at the state and national levels concerning evaluation of rural development. Therefore, the Network has been providing informal consultation using the information collected.

Members of the Network are:

Dr. Arthur Cosby, Center Associate
Associate Professor of Sociology
Department of Rural Sociology
Texas A & M University

Mr. Dean Barrett
Resource Development Specialist
Department of Agricultural Economics
Oklahoma State University

Ms. Joan Buttram
Evaluation Research Center
Charlottesville, VA
The Small Farm Operations Functional Network held a program planning workshop at the University of Florida campus in Gainesville on May 17 and 18. The purpose of the workshop was to define the goals of the Network, delimit the scope of the investigation, define the target audience, and establish the procedures to be followed. The goals of the Network are to focus attention on the situation and problems faced by small farm operators in the southeastern United States and develop a procedural framework for mobilizing national, state, and local resources in attacking these problems. The first step toward achieving these goals is to conduct a survey of the existing literature in
an effort to identify and extract pertinent and relevant information which will be useful in approaching problems of small farm operators. In establishing the "state of the art" it should be determined what we know, who knows it, and what we have done with what we know. The second step will be the development and presentation of the relevant information in a form which will be useful in the development of Extension and Research programs dealing with small farm problems. Since it will not be possible for the Network members to reach large numbers of small farm operators directly, the target will be to develop a training program for state and local Extension personnel and members of other organizations which have an interest in and work with small farm operators. At the same time Network members will encourage interest and interaction among the other professionals in agricultural research and related fields in an effort to focus additional resources on seeking solutions to the small farmer's problems.

Participating as members of the Network are:

Dr. W. Arden Colette, Center Associate Assistant Professor of Agricultural Economics University of Florida

Dr. Vance Edmondson Head of Department of Agricultural Economics and Rural Sociology Prairie View A & M College

Dr. Kenneth Pigg Extension Sociologist University of Kentucky
Dr. Melvin E. Walker, Jr.  
Assistant Professor of Agricultural Economics  
and Project Leader, Division of Agriculture,  
Poverty Cycle Project  
Fort Valley State College

Dr. Charles D. Whyte  
Assistant Director and Professor of Economics  
Bureau of Economic Research & Development  
Virginia State College

Dr. Hardy Williamson, Jr.  
Assistant Professor of Agricultural Economics  
Center for Rural Development  
Tuskegee Institute

The Industrial Development Network personnel participated in a two-day meeting on May 17 and 18.

At this meeting the Network reviewed the draft bibliography, presented and discussed major ideas of the members of the Network with regard to the "state of the art" papers to be prepared as part of their responsibility, and discussed plans for utilization of these and related materials in experimental programs planned by the University of Kentucky Cooperative Extension Service.

A revised organization of the bibliography has been developed involving a dual classification system aimed at professional and lay user or action agency audiences. The first 200 items listed alphabetically by author have been retyped and classified using the proposed system and sent to Network members for comments with regard to the utility of the system to user audiences. Mr. John Van Veen, research assistant, was dispatched to Washington, D.C., to obtain additional references, especially publications of
government agencies, with assistance of Mr. John Fernstrom, member of the Network and Federal Cooperative Extension Service Specialist.

As a result of literature searches, two short lay audience-oriented papers have been prepared and included in a set of Extension materials to be used in the experimental program. These are:


These will be revised and made available for general Extension uses.

Initiation of the community self-study program in Shelby County for which materials have been prepared has been deferred until September. This delay is as a result of difficulties of scheduling meetings during the vacation period and time required to work out collaborative relationships with membership of the local development foundation.

Network membership is comprised of the following:

Dr. Eldon D. Smith, Center Associate Professor of Agricultural Economics University of Kentucky
Dr. Taylor Byrd  
Department of Agribusiness  
Alabama A & M University

Dr. Lon Cesal  
Economic Development Division  
Economic Research Service  
U. S. Department of Agriculture

Dr. Brady Deaton  
Department of Agricultural Economics  
University of Tennessee

Mr. J. R. Fernstrom  
Federal Extension Service  
U. S. Department of Agriculture

Dr. Craig Infanger  
Extension CRD Specialist  
Department of Agricultural Economics  
University of Kentucky

Dr. James Mallett  
Extension Economist  
Texas A & M University

Mr. Ronald Morgan  
Economic Research Director  
Kentucky Department of Commerce

Dr. James Nelson  
Department of Agricultural Economics  
Oklahoma State University

Dr. Kenneth E. Pigg  
Department of Rural Sociology  
University of Kentucky

Mr. Terrell Slayton  
Area CRD Specialist  
Cooperative Extension Service  
Kentucky State University

Mr. Rex Wesley  
Area Community Resource Development Specialist  
University of Kentucky

**HEALTH CARE**  
Primary emphasis of the Health Care Network has been directed toward computerized bibliographic searches
utilizing ERIC, NTIS, and MEDLINE data banks. Numerous references have been identified, but few are pertinent or relevant to the scope of this project. The majority of identified references represent philosophies, value-positions, and plans for health care delivery systems. There appears to be a paucity of empirical studies of health care in the rural South.

Bibliographic work continues with approximately 400 references prepared for review by the Functional Network. Computerized searches utilizing other data banks will continue.

The majority of identified literature references pertain to the location of facilities and recruitment of personnel. There appears to be few studies in the last decade dealing with sociopsychological variables. The Network hopes that this limitation will be overcome when searches of sociological and psychological abstracts are completed.

At the present time, the network consists of ten persons representing four states and Washington, D. C., the Extension Service, universities, hospitals and medical schools, and the federal government. These are:

Dr. R. David Mustian, Center Associate
Department of Sociology and Anthropology
North Carolina State University

Dr. Stephen Nye Barton
Director of Clearing-House on Rural Health Care Research
College of Community Health Sciences
University of Alabama
Dr. Thomas E. Clark  
Associate Director  
The Marital Health Clinic  
Department of Medical Sociological Science  
and Marital Health  
Bowman Gray School of Medicine  
Wake Forest University  

Dr. Runyan Deere  
State Leader  
Health Educational and Environmental Programs  
University of Arkansas  

Ms. Jeannette Fitzwilliams  
Economic Research Service  
U. S. Department of Agriculture  

Dr. Vance E. Hamilton  
Community Development Office  
Department of Sociology and Anthropology  
North Carolina State University  

Dr. W. E. Hardy, Jr.  
Department of Agricultural Economics  
and Rural Sociology  
Auburn University  

Mr. Walter J. Oldham  
Executive Director  
Tuskegee Area Health Education Center  
Veterans Administration Hospital  

Dr. Joseph Richardson  
Agricultural Extension Service  
North Carolina A & T University  

Dr. Donald A. Sweeney  
Department of Architecture  
Texas A & M University  

New staff members were added during this quarter.  
These include Mrs. Pushpa Sapra, library media specialist,  
who is employed on full-time basis. William Kyle, research  
associate, and Juanita Hill, secretary, both employed by  
the Department of Agribusiness, are providing one-fourth  
to one-half time support to the project.
The first ENPRD Network was held in Huntsville, Alabama, May 6 and 7. Work on publications and plans for one and possibly two workshops or panels was accomplished. Network members participating in the meeting were John Dunkelberger, Auburn University; David Houston, University of Arkansas at Pine Bluff; James Wall, Mississippi State University; Edward Moe, CSRS/USDA; and Pil Cho, North Carolina A & T University. Consultants participating included John Zippert of the Federation of Southern Cooperatives; Collin Harris of the Minority Peoples Council on the Tennessee-Tombigbee Waterway Project; John Harris, Director of Continuing Education at Alabama A & M University; and Taylor Byrd, Chairman, Department of Agribusiness Education, Alabama A & M University. Winfred Thomas, Dean, School of Agriculture, Alabama A & M University, and a member of the SRDC Board of Directors, opened the meeting.

Additional progress in this quarter has lead to nearly 300 dissertation titles and 100 other titles being selected for inclusion in the bibliography. The present schedule is to have the annotations complete by August 31, 1976. Concurrently, the Network has attempted a content analysis by state (17 southeastern states) of dissertation titles. The scalogram analysis employed will be valuable in synthesizing the literature and assessing the "state of the art." Preliminary results are reported in the July EMNPRD Newsletter. Feedback from the readership (700 on mailing list) will enhance interpretation.
In addition to the dissertation titles and annotations, the bibliography will contain sections on: (1) macrolevel, multidistrict, or statewide need projection techniques and their professional application; e.g., demographic projections, discrepancy analysis, or financial needs assessment; (2) conceptual papers on community change process models applied to rural education; (3) applications of community change process models in rural education planning and programming; and (4) handbooks developed for community initiated school improvement efforts.

Response to the Network newsletter has resulted in identification of several current projects in the region. In this respect, the newsletter has already been more productive than the SSIE search of current research projects. These projects will be publicized in future newsletters. Also, documents that the projects supply the Network will be included in the bibliography, and it is anticipated that some of the project personnel will participate in workshop/panels being planned by the Network.

Specifically, the kind of program initially planned will include presentations by: (1) an organization with national visibility (such as the Rural Futures Development Strategies group of the Northwest Regional Education Laboratory); by (2) regional community organizations which have had identifiable successes in educational reform and community involvement; by (3) industry representatives with a commitment to vocational education (such as American Can in
southwest Alabama); and finally, inputs and responses to these models by (4) those faced with the local task of educational improvement in rural southwest Alabama, e.g., local Vocational Education Advisory Council members, school-board members, and/or concerned and thoughtful parents.

Tentatively, the program is being planned for November. Discussion is in progress with appropriate organizations holding meetings at that time.

Network members are:

Dr. Gerald C. Wheelock, Center Associate
Department of Agribusiness Education
Alabama A & M University

Dr. Richard Baker
Occupational Research and Development
Auburn University

Dr. Tex Boggs
Department of Sociology
Kentucky State University

Mr. Pil Cho
Department of Sociology
North Carolina A & T University

Dr. John Dunkelburger
Department of Agricultural Economics and Rural Sociology
Auburn University

Dr. Bernal Green
Department of Agricultural Economics and Rural Sociology
University of Arkansas

Dr. David Houston
Department of Agricultural Economics
University of Arkansas at Pine Bluff

Dr. Everett Lee
Institute for Behavioral Research
University of Georgia
During this quarter, the first for this Network to operate, four goals have been accomplished.

In April, Dr. E. Evan Brown, Center Associate, and two research associates visited congressional leaders and government officials to outline national research priorities. A preliminary list of programs to be studied was prepared and includes Food Stamps, Medicare-Hospital Insurance, Unemployment Insurance, Supplemental Security Income, Aid to Families with Dependent Children, National Health Service Corps, and Health Education Loan programs.

The Office of Rural Development, HEW, will provide financial data by county of selected programs in the southern region.

Computer-assisted literature searches are near completion, with over 100 citations already obtained. A manual literature search was expected to be completed August 1. Total citations to be reviewed should approach 1,000.

The first meeting of the Functional Network will be held in Atlanta in early August. At this meeting a final list of programs to be studied, Human Resource Departments to be visited, scope of bibliography, research topics, communication methods (e.g., newsletter, etc.) will be decided.
The Network membership is made up of:

Dr. E. Evan Brown, Center Associate  
Department of Agricultural Economics  
University of Georgia

Dr. A. F. Bordeau  
Associate Professor of Agribusiness Economics  
Department of Agricultural Economics  
University of Kentucky

Mrs. Gladys K. Bowles  
Economic Development Division  
Economic Research Service  
U. S. Department of Agriculture

Dr. V. A. Boyd  
Associate Professor of Rural Sociology  
Clemson University

Mr. William Hosking  
Research Technician  
Department of Agricultural Economics  
University of Georgia

Dr. G. C. McCann  
Professor, Department of Sociology  
and Anthropology  
North Carolina State Building

Dr. R. Warren McCord  
State Leader-CRD  
Department of Social Science  
Cooperative Extension Service  
Auburn University

Dr. Dean Schreiner  
Associate Professor of Agricultural Economics  
Oklahoma State University

Dr. G. A. Sewell  
Professor of Sociology  
Alcorn State University

Dr. George F. Smith  
Assistant Professor of Resource Development  
University of Tennessee

Ms. Nancy M. Vrechek  
Economic Analyst, Title V-RDA, GA  
Department of Agricultural Economics  
University of Georgia
Dr. Melvin Walker
Assistant Professor, Agricultural Economics
and Project Leader, Division of Agriculture,
Poverty Cycle Project
Fort Valley State College

On April 28, 1976, the Solid Waste Disposal and
Financing Network met in Oklahoma City to organize the func-
tioning of their Network. The first task, to be completed
by October, was to compile and annotate relevant materials
in the solid waste and waste system finance subject area.
At the present time the Network has collected over 300 re-erences and annotated approximately one-third of them.
Members have utilized NTIS, COMPENDEX, EPA, CRIS, and SWIRS
computer searches. Also, they have utilized library search,
which appears to be the most promising.

Besides compiling references in bibliographic form,
Research and Extension projects in the South and a few
select projects outside the South are being categorized.
Results of ongoing projects will be presented either in a
separate publication, as part of the Network's bibliography,
or as an appendix to their publication for "professionals."

The Network plans to meet on August 16, 1976, in
Pennsylvania to discuss format details prior to completion
of the bibliography in September. A second workshop is
planned for October, 1976, at which time they will decide
upon the content and format of their publications.

Network membership consists of:
Dr. Michael S. Salkin, Center Associate
Agricultural Economics
Oklahoma State University

Mr. Dean Barrett
Department of Agricultural Economics
Oklahoma State University

Dr. D. H. Carley
Agricultural Economics
University of Georgia

Dr. Kenneth Clayton
Department of Agricultural Economics
University of Florida

Dr. W. E. Hardy, Jr.
Agricultural Economics and Rural Sociology
Auburn University

Dr. Joseph Havlicek
Agricultural Economics
VPI & State University

Dr. Lonnie Jones
Agricultural Economics
Texas A & M University

Mr. Jim Smith
Cooperative Extension Service
Langston University

Dr. Harry B. Strawn
Resource Development Economist
Auburn University

HOUSING Need for a task force has been identified by the Housing Network and two of the members have agreed to serve in this capacity: Dr. Alice Stubbs, Head of the Department of Home Economics, Texas A & M University; and Dr. Betty Campbell, Assistant Professor of Home Economics, University of Georgia. A meeting of this task force has been set up in conjunction with the S-95 regional research meeting in November. At this time they will review the research reports compiled and model used.
Information searches have been completed from ERIC files at Florida State University, CRIS, and SSIE. The research assistant and student assistants are in the process of inventorizing and reviewing the research for its applicability to the selected areas identified for the study: (1) design of low-income housing; (2) financing; (3) remodeling and/or rehabilitation; and (4) rural housing needs.

The Network is made up of:

Dr. Savannah S. Day, Center Associate
School of Home Economics
Florida State University

Mrs. Louise J. Hyers, Co-Associate
District Agent - Home Economics
Rural Development Center
Tifton, GA

Dr. Betty Jame Campbell
School of Home Economics
University of Georgia

Dr. Alice Stubbs
Consumer Research Center
Texas A & M University
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*Seven individuals represent both Economist and Sociologist.
The SRDC is one of four regional rural development centers in the nation. It coordinates cooperation between the Research (Experiment Station) and Extension (Cooperative Extension Service) staffs at landgrant institutions in the South to provide technical consultation, research, training, and evaluation services for rural development. This publication is one of several published by the Center on various needs, program thrusts, and research efforts in rural development. For more information about SRDC activities and publications, write to the Director.

Southern Rural Development Center
Box 5408
Mississippi State, MS 39762

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SRDC Series Publication No. 16
October 1976