UNIVERSITY CENTER FOR SOCIAL AND URBAN RESEARCH



ANNUAL REPORT

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UNIVERSITY OF PITTSBURGH

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WHO WE ARE

UNIVERSITY CENTER FOR SOCIAL AND URBAN RESEARCH

The University Center for Social and Urban Research (UCSUR) was established in 1972 to serve as a resource for researchers and educators interested in the basic and applied social and behavioral sciences. As a hub for interdisciplinary research and collaboration, UCSUR promotes a research agenda focused on the social and economic issues most relevant to our society, including children, youth, and families; regional economic analysis and forecasting; the psychosocial impacts of aging; intergenerational relations; and environmental resource management. Through a combination of research, education, and outreach efforts, UCSUR unites faculty from throughout the University with representatives from federal, state, and local governments, community organizations, and foundations in a coordinated pursuit of effective solutions to contemporary problems.

Message From the Director



RICHARD SCHULZ

I am pleased to share with you an update of activities and accomplishments of the Center for the academic year 2000-2001. For the past five years, the Center has aggressively pursued opportunities to enhance its research infrastructure, broaden the range of support services available to faculty and the community, expand the participation of faculty and graduate students in Center research programs, and strengthen University-community collaborations. These efforts are reflected in a number of specific outcomes achieved this year. We have expanded and enhanced the survey research capacity of the Center through the acquisition of state-of-the-art computer hardware, software, and hiring talented new personnel. In addition, we have added PC-based Geographic Information Systems infrastructure to complement the survey research resources and support regional environmental decisionmaking. The availability of these services, briefly described in the first section of this report, has in turn enhanced the number and diversity of faculty and graduate students that work with us. Indeed, the Center has become a major resource in mentoring and supporting the research careers of junior faculty and graduate students.

The Center has always had a strong presence in the community through its regional economic modeling activities and its focus on pressing social issues facing the region. Our reputation in this area has been further enhanced by several publications initiated this year, including the Pittsburgh Economic Quarterly, the State of the Environment Report, and by our work in evaluating and running community demonstration programs. The range and diversity of projects are illustrated throughout this report.

Many of you know us through the local and national media. Our work regularly appears in the local press and occasionally in the New York Times, USA Today, and Time Magazine. Less visible are the many peer reviewed professional publications that reflect the academic contributions of staff and faculty of the Center, listed at the end of this report. The Center remains committed to continued self-assessment and improvement, and we look to your guidance for shaping the future development of the Center.

SURVEY RESEARCH SERVICES AND CAPABILITIES

UCSUR provides survey research services through the Survey Research Program (SRP). SRP maintains a highly experienced staff of survey professionals, trained interviewers, and data management specialists. SRP services are available to faculty, staff, and students throughout the University and to local, state, and federal agencies and others working in the public interest.

SRP is able to carry out any or all phases of a survey research project, including sample design, questionnaire design, data collection, data processing, statistical analysis, and reporting. SRP staff have the training and experience to design scientifically valid studies customized to client research needs. SRP can help clarify study objectives, and provide advice on how to obtain the highest quality data within available resource constraints. More specifically, SRP provides assistance in the following areas:

Sample Design

SRP staff provide advice on sampling methodology and sample size to meet study objectives and budget. Services include in-house development of specialized sample frames, or consultation with commercial sampling firms to obtain an appropriate sample. Examples of the types of samples provided include:

- Random digit dialing (RDD) samples: particularly suited for telephone surveys of the general population, computer-generated telephone numbers are used to target specific geographic areas, including both listed and unlisted phone numbers. RDD sampling for any region of the United States is available.
- Targeted/listed samples: samples to reach specific subgroups or rare populations. These are useful for telephone recruitment of participants for larger studies. They are also used for supplementing RDD samples with oversamples of rare populations.

Data Collection Methodology

SRP staff can provide:

- Advice on the most productive and cost-effective method of data collection (mail, telephone, in-person, or internet/web-based).
- Specification of procedures for maximizing response rates within the framework of available resources. For example, recommended number of attempts to contact respondents, securing initial cooperation, following-up incomplete interviews, converting refusals into acceptances, and use of mixed-mode designs.

Questionnaire Development

SRP staff can provide assistance with all aspects of the development of a reliable and valid instrument, including:

- Writing, formatting, and ordering questions.
- Asking sensitive questions.
- Instrument pre-testing.

Interviewing and Data Collection

SRP conducts local, regional, and national telephone and mail surveys with both the general and special populations, as well as in-person surveys in the Southwestern Pennsylvania region. SRP also conducts internet/web-based surveys.

SRP relies on a pool of experienced interviewers for telephone and in-person surveys. These include both undergraduate and graduate students, as well as non-students under the management of senior field work supervisors.

Interviewer training and quality control: Interviewers are trained in general and project-specific interviewing techniques, such as maintaining objectivity, reading questions as written, and securing respondent cooperation. Training involves a combination of lecture, written hand-outs, video instruction, and role-playing. Interviewers are continuously monitored during data collection for quality assurance, and periodic re-training sessions occur as necessary.

Computer-assisted telephone interviewing: A thirty-two line phone bank at UCSUR is dedicated to a computer-assisted telephone interviewing (CATI) system. Interviewers read questions as they appear on the screen and enter the respondent's answers directly into the computer. CATI allows complex question contingencies, sample management, and call scheduling to be handled automatically.

Web-based data collection: SRP has the capability to conduct web-based surveys and other online data collection and management. UCSUR operates secure servers that host such activities.

Additional data collection services: Telephone surveys using paper/pencil methodology, mail surveys, and in-person surveys in the Southwestern Pennsylvania region, are also available.

Data Management

Using a variety of computer programs, languages, data base management software, and operating systems, SRP staff are available to perform a number of data management functions, including data base development, editing, coding, and survey data processing.

SRP staff also have the capability to integrate survey respondent data with GIS-based spatial data, and with other secondary data sources.

Statistical Analysis of Survey Data

SRP staff can perform statistical analyses of survey data, ranging from simple tabulations to relatively complex statistical modeling using a variety of statistical packages. Analytic capabilities include:

- Descriptive statistical analyses of survey responses, including calculations of sampling error, and statistical adjustments for unequal selection probabilities and non-response.
- Cross-classification analyses with demographic or other predictive factors.
- Multivariate analyses, including ANOVA, factor analysis, linear and non-linear regression, logistic regression, categorical methods, and structural equation modeling.
- Longitudinal analyses.

Report Preparation and Presentation

SRP staff have experience in the production of a variety of reports, including:

- Simple tabulations.
- Executive summaries.
- In-depth narrative report.
- Oral presentation of results to interested parties.

ENVIRONMENTAL DECISION SUPPORT

Geographic Information Services

Geographic Information Services are available to faculty at the University of Pittsburgh and to non-profit organizations through the Environmental Decision Support (EDS) Program at UCSUR. The intent of these services is to meet the growing needs for spatially represented data and analysis in many disciplines. While there is a variety of Geographic Information Systems (GIS) skills across the university, there is no single unit dedicated to meeting GIS research and teaching needs of the faculty.

Appropriate spatial data are critical to GIS. EDS can provide assistance in obtaining and formatting data. Some commonly used data sets are available within the university, and others are available at state and federally sponsored web sites. Data resources at the University of Pittsburgh are inventoried at the following UCSUR web site: http://www.pitt.edu/~envpol/gis_db/

EDS seeks to offer services that are not available elsewhere at the University. Due to limited resources, services are not available to students. Services may be provided free, or for a fee that covers costs, depending upon the magnitude and complexity of the service provided.

Services Provided

- Assistance in obtaining spatial data and converting to appropriate GIS formats (e.g., MapInfo to ArcView).
- Spatial mapping of GIS data.
- Assistance in creating presentations meeting client needs.
- Assistance in obtaining, formatting, and projecting spatial data for faculty use in classrooms.
- Assistance in combining spatial and non-spatial data.
- Limited spatial analysis of data, depending upon complexity and time.
- Full color printing of maps at fees sufficient to cover costs.
- Digital scanning and creation of digital files in formats appropriate for client use.
- Digitizing of spatial features.

Equipment and Software Services

At this time, EDS is able to provide full ArcView and limited ArcInfo based services. The equipment is high quality, but not designed for large, complex GIS tasks. The equipment includes:

- Gateway GP7-750MHz Pentium III with 256MB SDRAM, 34GB Ultra ATA hard drive, IOMEGA 250MB internal ZIP, R/W/R CD drive and Windows NT.
- Medium format EPSON Stylus Pro 5000 printer capable of 1440x720 dpi resolution, six color inking, and 13x19" (A3) prints.
- Medium-size Epson 836XL scanner, capable of 1200dpi and 12x17" scan.
- Altek/Kurta DT-4 digitizer capable of 1000 pt/inch resolution with a 24x36" active digitizing area.

REGIONAL ECONOMIC ANALYSIS

UCSUR studies major economic and demographic trends in the Pittsburgh region in the national context. The policy consequences of these shifts, especially the strategies for economic development and job creation are analyzed. In addition to the performance of the regional economy, specific economic sectors that are considered promising are chosen for in-depth studies. The results of such studies are disseminated widely to the region's policymakers and relevant organizations. The program also fosters the development of new methods of data collection and analysis as well as scholarly publications by the graduate students and the participating faculty.

Urban Regional Analysis has been an important element of UCSUR's commitment to providing regional economic policy analysis capabilities to policymakers and the academic community.

The Pittsburgh Regional Economic Model

This project involves the support and application of a large-scale regional econometric model. This model was developed by Regional Economic Models Inc. (REMI) and is supported by UCSUR in partnership with the Southwestern Pennsylvania Regional Planning Commission. The REMI model provides a powerful framework for economic analysis related to structural change in the Pittsburgh region and complements a variety of activities undertaken by the Center. The Center continues to maintain this model and provide support to local agencies as needed as part of the need for quality regional economic forecasting and impact analysis in the region.

The Pittsburgh REMI model is calibrated by UCSUR staff based on local conditions and our 10 years of experience with applying the model to the Pittsburgh region. This capability to forecast future regional economic conditions and conduct detailed impact analysis of potential changes in the regional economy is unique in the region.

The model has been expanded from what had been a six-county region forming the core of the Pittsburgh Metropolitan region (Allegheny, Beaver, Butler, Washington, Westmoreland, and Armstrong counties) to also include three additional counties that make up Southwestern Pennsylvania (Fayette, Greene, and Indiana counties). This extends the capability of the model to look at economic and demographic impacts across a wider region.

Support of the Southwestern Planning Commission (SPC)

UCSUR continues to support the Southwestern Planning Commission (formerly the Southwestern Pennsylvania Regional Planning Commission (SPRPC) in developing its forecast of regional population and employment for the region. This is a primary function of the REMI model, which is essential to this project because of its extensive demographic modeling capability. UCSUR staff provide both technical and research consulting to SPRPC to aid its use of the REMI model and in producing as accurate a forecast as is possible for the region. The SPRPC needs these baseline forecasts and the REMI model in order to evaluate a range of transportation projects for the region and decide on funding priorities. The SPRPC is also required by federal mandate to provide 30year projections of population and employment to the Department of Transportation as part of their planning process.



Workforce Development and Labor Demand Tracking

The Center is in the process of setting up an ongoing project to track ES-202 employment data collected by the state of Pennsylvania. This data will provide a crucial source of labor supply information needed by local business and government leaders. As the labor supply tightens both nationally and locally, the ability to attract new businesses is growing more and more dependent on the quality and quantity of the local labor force. This data source has yet to be fully developed by the state, and the Center believes that there is an opportunity that can be taken up by the Center's faculty and staff to make it into an information resource for the policymaking organizations in the region.

Pittsburgh Economic Quarterly

In 2000, UCSUR began a new publication to support organizations and staff involved with economic development throughout the region. The goal of the Pittsburgh Economic Quarterly (PEQ) has been to highlight the important economic trends that impact the regional economy and the competitiveness of local industries. This is an extension of the continuing work done at UCSUR. Each issue will include the latest data on regional employment and economic conditions. Feature articles will cover a variety of issues relating to regional industries and how they are changing and other economic and social factors that directly impact the future of the region. The PEQ will focus entirely on the local economy. Significant positive response to the PEQ has resulted and has filled a major need in the region for ongoing study of current economic trends. Future issues of the PEQ will center on these key issues:

- Industries that are driving economic growth in the region.
- Changing workforce in Western Pennsylvania.
- Analysis of the latest economic and demographic data affecting the regional economy.

Pittsburgh Region: 10 Year Baseline Forecasts			
Cumulative Growth Predicted 2000-2010			
W	/oods & Poole Forecast		
Total Population	0.4%	0.1%	
Total Employment	7.2%	5.5%	
Agricultural Services	22.2%	19.4%	
Mining	4.9%	-18.2%	
Construction	8.1%	-0.9%	
Manufacturing	-7.9%	-7.0%	
Transportation/Utilities	13.3%	3.1%	
Wholesale Trade	10.2%	-1.8%	
Retail Trade	2.7%	-3.2%	
Finance/Insurance/Real Estate	9 19.6%	0.6%	
Services	10.4%	17.8%	
Personal Income*	15.1%	15.2%	
Income Per Capita*	14.7%	15.0%	
*Inflation Adjusted			

ACQUISITION AND MANAGEMENT OF SECONDARY DATA

UCSUR provides assistance for secondary data acquisition and management to the academic community and to the Pittsburgh region as a whole. As an affiliate of the Pennsylvania State Data Center, the official source of demographic and economic data for the state, UCSUR is a repository for electronic and printed Census information, including Census 2000 data. UCSUR also acquires and maintains a variety of government statistics, economic and labor market data, and other types of secondary information on a regular basis. This information is available to the academic community and to the general public.

The data acquisition and management services UCSUR provides include:

- Assistance in acquiring secondary data stored at UCSUR to interested individuals and organizations.
- Assistance in locating and acquiring a variety of other types of secondary information.
- Expertise and consultation in the appropriate use and understanding of various secondary data sources.
- Evaluation and interpretation of policy relevant secondary information data for government, business, labor, media and other organizations.

UCSUR also conducts demographic, economic and policy research and analysis and reports on secondary data and data trends relevant to the Pittsburgh region, both alone and in combination with various primary data sources. This research is reported through a number of venues, including research reports and news-letters, such as the Pittsburgh Economic Quarterly.



PROGRAM EVALUATION SERVICES

The University Center for Social and Urban Research (UCSUR) can assist faculty at the University of Pittsburgh and community agencies with their program evaluation needs. The planning and evaluation function provides technical assistance on designing evaluation plans, identifying evaluation consultants with expertise in the area to be evaluated, and conducting program evaluations in fields related to children, youth, family services, and the elderly. Depending on the focus of the project, these services can be provided by the Office of Child Development, Gerontology Program, or Generations Together.

UCSUR's interdisciplinary staff has academic training in psychology, public health, and child/family studies, and has evaluation experience in a wide range of content areas including social service programs, behavioral and mental health services, public health programs, and educational services. More specifically, UCSUR has conducted evaluations on family support, home visiting, after school and youth development, conflict resolution, developmental disabilities, maternal and child health, fatherhood, and parent education programs, among many others.

In addition, UCSUR has expertise in child and family indicators, management information systems, and needs assessments. UCSUR provides training and technical assistance to increase the capacity of staff to conduct monitoring and evaluations, either independently or in collaboration with program evaluation specialists.

Specific evaluation services offered include:

- Development of evaluation designs, including process and outcome evaluations.
- Assistance with program design, focusing on connecting program activities to expected outcomes (program logic models).
- Needs assessments.
- Selection of appropriate outcomes and measurement methods.
- · Identification of assessment instruments.
- Development of surveys for program evaluation.
- Data analysis consultation and research design.
- Referral to evaluation consultants with expertise in specific content areas.

PROGRAMS

In response to faculty interests and current domestic policy issues, UCSUR develops interdisciplinary research programs that address regional and national policy issues. The resources described in the previous section are provided by one or more of these programs. As new policy issues emerge, UCSUR is prepared to facilitate and coordinate the development of additional programs identified by interested faculty. Existing research programs include:

Environmental Decision Support (EDS)

Stephen C. Farber: Program Director

A new program established in response to a regional need for environmental resource management decision support. Researchers from a broad range of natural sciences, social sciences, and engineering disciplines focus on complex environmental issues using Geographic Information Systems as a tool for data integration and modeling.

Gerontology

Richard Schulz: Program Director Lynn Martire: Associate Program Director

Acts as a catalyst and coordinator for the multidisciplinary study of aging. It aids communication and proposal development and operates as the information hub for research, training, and aging-related clinical services throughout the University. While the main focus of the program remains on the psychosocial and health policy aspects of aging, faculty are also actively involved in gerontology training, basic cognitive science research, and epidemiologic studies of the elderly.

Generations Together (GT)

James McCrea: Program Director

An intergenerational studies program that furthers the development, training, evaluation, research, technical support, and information dissemination on intergenerational programs, and prepares multidisciplinary professionals for work in the intergenerational field.

Projects conducted in all these areas illustrate the Center's commitment to enhancing scientific understanding of social phenomena while generating information for improved policymaking in both the public and private sectors.

Office of Child Development (OCD)

Christina J. Groark: Co-Program Director Robert B. McCall: Co-Program Director

Promotes interdisciplinary research and educational programs pertaining to children, youth, and families; stimulates and manages interdisciplinary and multi-institutional educational, research, service demonstration, and program evaluation projects; provides needs assessment research, background information, and policy analyses; and disseminates research and professional information on children, youth, and families.

Survey Research Program (SRP) Scott Beach: Program Director

Maintains a highly experienced staff of survey professionals, trained interviewers, and data management specialists. SRP services are available to faculty, staff, and students throughout the University and to local, state, and federal agencies and others working in the public interest. SRP offers the capability to execute any or all phases of a survey research project, including sample design, questionnaire construction, data collection, data processing, statistical analysis, and reporting.

Urban and Regional Analysis (URA) Ralph L. Bangs: Co-Program Director Sabina Deitrick: Co-Program Director

Promotes scholarly analysis of urban and regional problems. Its multidisciplinary research, which is local, national, and international in character, touches on issues that further our understanding of the causes and consequences of economic and social change, enhances the analytical basis for public policy decisions, and aids in the evaluation of policy alternatives.

CURRENT CORE STAFF

Administration

Director: Richard Schulz Business Manager: James E. Clossin Administrative Assistants: Anna Aivaliotis, Donna M. King Systems Administrator: James R. Lefcakis

Urban and Regional Analysis

Co-Program Director: Ralph L. Bangs Co-Program Director: Sabina Deitrick**

Survey Research

Director: Scott R. Beach Research Associate: Donald Musa Senior Research Specialists: Michael Bridges, Janet Schlarb Research Specialists: Christine Bottles, Jason Seiler Fieldwork Coordinators: Lynda Connelly, Martha Garritano, Laurel Person Data Entry Specialist: Barbara Dughri

Office of Child Development

Co-Program Director: Christina J. Groark Co-Program Director: Robert B. McCall Associate Program Director: Carl N. Johnson** Planning and Evaluation Director: Anne Farber Administrative Operations Director: Roger Fustich Service Demonstrations Director: Laurie Mulvey Community and Internet Services Coordinator: Kathryn L. Rudy Administrator: Peggy Maloney Executive Administrative Assistants: Mary Ellen Colella, Mary Louise Kaminski Administrative Assistant: Susan Jones Newsletter Editor: Jeffery Fraser

Gerontology

Program Director: Richard Schulz Associate Program Director: Lynn Martire** Project Coordinators/Directors: Jennifer Bissell, John Hennon, Joy Herrington, Melissa Mooney, Bozena Zdaniuk Project Assistants: Elaine Aivaliotis, Sally Hostein-Neft, Mary Parks

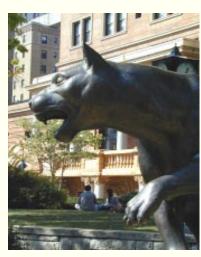
Generations Together

Program Director: James McCrea Program Coordinators: David Fetterman, Sue Schneider, Gina Thorpe-Bradley, Merrille Weissman Program Assistant: Anne Martin Library Specialist: Louise Humphreys Journal Editor/Emeritus Director: Sally Newman Secretary: Sandra Harris

Environmental Decision Support

Program Director: Stephen C. Farber**

** Indicates participating faculty, not UCSUR staff



FACULTY ASSOCIATES

The following individuals serve as faculty associates, representing numerous schools, departments, institutes, and centers.

Derek C. Angus Charles David Boucek Lakshmipathi Chelluri Carl A. Siro W. David Watkins John P. Williams Frank S. McGlynn Hugo Nutini **Richard Scaglion** Gary M. Marsh William R. Love Galal M. Ziady Stanley J. Kabala Amv M. Kilbourne Alberta Sbragia Nicholas F. Jones Mary L. Marazita Frank A. Ghinassi Susan Kinsey Connie A. Tompkins J. Scott Yaruss Christine A. Dollaghan Catherine V. Palmer Vincenne A. Waxwood Bruce Buchanan Donald Liddick, Jr John M. Close James Guggenheimer Jon B. Suzuki, PhD Robert Weyant, PhD Albert W. Whitehead Sheldon H. Lu Frank Giarratani Gene Gruver Reuben E. Slesinger Louis A. Chandler Carl I. Fertman Douglas K. Hartman Michael Harwell Meryl K. Lazar Bradford F. Lewis Steven R. Lyon Claudia M. Pagliaro Alice M. Scales Barbara Seels Janice B. Tehie Neil H. Timm Sekai Turner Joan I. Vondra Vince N. Mosesso, Jr. Paul M. Paris Christopher J. Earls Jeen-Shang Lin Ronald D. Neufeld Eric O. Clarke Thomas K. Gaither Marcia Landv Joseph J. Schwerha Steven Belle Jane A. Cauley Andrea Kriska Joel L. Weissfeld Jovce T. Bromberger Jonathon Erlen Inis Jane Bardella Janine E. Janosky Valerie Grash Yves Citton

Anesthesiology Anesthesiology Anesthesiology Anesthesiology Anesthesiology Anesthesiology Anthropology Anthropology Anthropology **Biostatistics Business Information Systems** Cardiology Center for Environmental Research & Education Center for Research on Health Care Center for Western European Studies Classics Cleft Palate-Craniofacial Center Clinical Administration College of General Studies Communication Science and Disorders Communication Science and Disorders Communication Science and Disorders Communication Science and Disorders Communications Computer Science/Intelligent Systems Criminal Justice Dental Medicine Dental Medicine Dental Medicine Dental Medicine Dental Medicine East Asian Languages and Literatures Economics Economics Economics Education Emergency Medicine Emergency Medicine Engineering Engineering Engineering English English Enalish Environmental/Occupational Health Epidemiology Epidemiology Epidemiology Epidemiology Epidemiology Falk Library/GSPH Family Medicine and Clinical Epidemiology Family Medicine and Clinical Epidemiology Fine Arts French and Italian

William B. Kory Stephen Thomas Siddharth Chandra Louise Comfort **Phyllis Coontz** Hector Correa James P. DeAngelis Sabina Deitrick Stephen Farber Leon L. Haley Fatma El Hamidi Paul Y. Hammond **Richard W. Hooley** C. Augustus Martin David Y. Miller **Clyde Mitchell-Weaver** Jane Mazzoni-Maddigan Elsie R. Broussard Chyongchiou J. Lin Beaufort B. Longest, Jr Sandra J. Quinn Ravi Sharma Myrna Silverman Howard B. Degenholtz Judith R. Lave Seymour Drescher Edward K. Muller Laurence A. Glasco Fritz Ringer Lisa S. Parker Erin O'Rourke Aurelia Koros Anthony J. Silvestre Brian Butler Carrie R. Leana Marick F. Masters Maureen Morrin **Robert Nachtmann** John E. Prescott Ronald A. Brand Vivian Curran Lawrence A. Frolik Alan Meisel Peter M. Shane **David Herring** James M. Roberts Sadia M. Makky Robert M. Arnold Mark P. Aulisio Barbara Barnes Cindy L. Bryce Robert Cook Michael Fine **Cvnthia Gadd** Thomas Murry Anne B. Newman Edward Post P. Sudhakar Reddy Eric Rodriguez Robert E. Schoen Rakesh Sindhi James Stahl Debra K. Weiner Amy C. Justice, MD Andrew N. Weintraub Donald W. Marion Carol J. Schramke Rose E. Constantinol

Geography Graduate School of Public Health Graduate School of Public and International Affairs Health Information Management Health Services Administration History History History History Human Genetics Human Genetics Infectious Diseases Infectious Diseases/Microbiology Katz Graduate School of Business Law Law law Law Law Law Magee-Women's Research Institute Math Medicine Music Neurological Surgery Neurology Nursina

FACULTY ASSOCIATES...continued

Nursing

Willa M. Doswell Judith A. Erlen Julia Ann Greenawalt Mary E. Kerr Joseph F. Lucke Judith Talbolt Matthews Diane J. Mick Ann M. Mitchell Sara J. Reeder Elizabeth A. Schlenk Robert P. Edwards Joan C. Rogers Samuel Granowitz Mark S. Redfern Paul S. Dickman Parmjeet Randhawa Diane Krill Bruce S. Rabin Melanie A. Gold Selma F. Witchel Raymond Davis Pitetti Abhay Vats Pouran Famili Julie M. Fritz James J. Irrgang Jessie VanSwearingen David Barker Christopher Jan Carman Susan Hansen John Hurwitz Jack L. Daniel Mary Amanda Dew John E. Donovan Linda J. Ewing Benoit H. Mulsant Robert S. Marin Kimberly K. Mathos Karen A. Matthews Lisa A. Morrow Rick Morycz Edward P. Mulvey Herbert L. Needleman **Bruce Pollock** Charles F. Reynolds III Ihsan M. Salloum Judith A. Saxton Sarah H. Scholle Vaughan Stagg Magda Stouthamer-Loeber Kenneth S. Thompson Daniel Shaw John Levine David Marsh Steven E. Stern Julie Tietz Thomas W. Kamarck **Gregg Margolis** Walter Antonio Bretz Nancy Condee Vladimir Padunov Larry E. Davis Rafael J. Engel Katie Greeno Wynne S. Korr Lambert Maguire Helen Petracchi Mary Beth Rauktis Esther Sales Edward W. Sites

Nursing Nursing Nursing Nursing Nursing Nursing Nursing Nursing Nursing OB-GŸN Occupational Therapy Orthopedic Surgery Otolaryngology Pathology Pathology Pathology Pathology Pediatrics Pediatrics Pediatrics Pediatrics Periodontics Physical Therapy Physical Therapy Physical Therapy Political Science Political Science Political Science Political Science Provost Office Psychiatry Psychology Psychology Psychology Psychology Psychology Psychology Rehabilitation Science and Technology Restorative Dentistry Slavic Languages and Literatures Slavic Languages and Literatures Social Work Social Work

Tracy M. Soska Hide Yamatani Akiko Hashimoto Kathleen M. Blee Lisa D. Brush Patrick Doreian Thomas Schott William J. Futrell Dennis J. Hurwitz Badrinath R. Konety James D. Luketich Jorge Reves Ron Shapiro Attilio Favorini William I. Brustein Carolyn J. Carson Guido K. Frank

Social Work Social Work Sociology Sociology Sociology Sociology Sociology Surgery Surgery Surgery Surgery Surgery Surgery Theatre Arts University Center for International Studies Urban Studies Program Western Psychiatric Institute and Clinic



PROJECTS*

One Economy African Americans

PI: Ralph Bangs, URA, UCSUR Funders: Pittsburgh Foundation RK Mellon Foundation Period: 07/99-06/02

ACES Colorectal Cancer Screening Survey (Phase II)

Pls: Scott Beach, SRP, UCSUR Joel Weissfeld, Epidemiology Funder: Pennsylvania Department of Health Period: 04/01-06/01

Family and Peer Risk Factors for Pre-Adolescent Drinking Screening Survey

Pls: Scott Beach, SRP, UCSUR John Donovan, Psychiatry Funder: National Institute on Alcohol Abuse and Alcoholism Period: 04/00-03/05

Impact of Computers in Medicine

Pls: Scott Beach, SRP, UCSUR Cynthia Gadd, Medical Informatics Funder: UPMC Income Account Period: 04/99-12/01

Latin American Studies Association (LASA) Member Survey

Pls: Scott Beach, SRP, UCSUR Sandy Klinzing, LASA Funder: LASA Period: 08/00-11/00

Qualitative Research on Battering Work and Welfare

Pls: Scott Beach, SRP, UCSUR Lisa Brush, Sociology Funder: Institute for Justice Period: 04/99-12/01

Racial Polarization

PIs: Scott Beach, SRP, UCSUR Jonathan Hurwitz, Political Science Funder: National Science Foundation Period: 09/99-05/02 Research designed to monitor the economic conditions of African Americans in the Pittsburgh Region and improve local strategies and programs for addressing these conditions.

Telephone survey in the Aliquippa and Clairton communities examining cancer screening behaviors among 50-79 year olds. Conducted to test the effectiveness of a community-wide colorectal cancer screening information campaign.

UCSUR is assisting the Department of Psychiatry in a telephone survey to identify families with 8-10 year olds suitable for intensive interviewing regarding risk factors for early alcohol use.

Analyze the results of surveys assessing the impact of an electronic medical records system on physicians and patients.

Web-based/email survey of LASA members concerning current and potential electronic services and web site features.

Qualitative research study focusing on violence against women and its effects on labor force participation, economic well being, and welfare-towork transition.

Study designed to explore interracial differences in evaluations and perceptions of the criminal justice system, and to determine the precise nature of the cynicism found among many African Americans.

*In alphabetical order by UCSUR PI

PROJECTS...CONTINUED

Undergraduate Student Satisfaction/Retention

Study at the University of Pittsburgh Pls: Scott Beach, SRP, UCSUR Donald Musa, UCSUR Jack Daniel, Office of the Provost Funder: University of Pittsburgh Period: 01/97-10/01

Integrated Watershed Analysis of an Urbanized Watershed

Pls: Kathi Beratan, EDS, UCSUR Karl Herman, U.S. Geological Survey, CA Funder: United States Geological Survey Period: 10/00-09/01

Association of Neuroscience Departments and Programs (ANDP) Member Survey

PIs: Michael Bridges, SRP, UCSUR Edward Stricker, Neuroscience Funder: ANDP Period: 07/00-12/00

Council of Academic Programs in Communication Science and Disorders (CAPCSD) Survey of Programs Pls: Michael Bridges, SRP, UCSUR

Roy Shinn, Edinboro University Funder: CAPCSD Period: 04/01-08/01

Development and Validation of a Functional Assessment Measure for Patients with Upper Extremity Spasticity

PIs: Michael Bridges, SRP, UCSUR Michael Munin, Medicine Funder: Allegran, Inc. Period: Ongoing

Physician Responsiveness to Patient Needs Questionnaire: A Construct Validation Study

Pls: Michael Bridges, SRP, UCSUR

Margaret Clark, Carnegie Mellon University Funder: Fetzer Foundation Period: 01/01-03/01 Study will help determine the social, demographic and economic factors that predict student satisfaction with the University and the decision to withdraw.

Develop a computer-based decision support system incorporating integrated natural science, engineering, and public policy tools for land use decision-making in the San Francisquito watershed (California).

Web-based/email survey of members of the ANDP concerning graduate and undergraduate educational programs and issues.

Statistical analysis, data preparation, and report generation for CAPCSD annual Survey of Programs.

Develop a valid and reliable measurement instrument to detect changes in functional ability among patients with upper extremity spasticity.

Random Digit Dialing survey of residents of Allegheny County to evaluate perceptions of physician's responsiveness to patient's needs.

IISIS: A Community Model

PI: Louise Comfort, EDS, Graduate School of Public and International Affairs Funder: Public Entity Risk Institute Period: 02/01-01/02

Quick Response Study: The Gujarat, India Earthquake

PI: Louise Comfort, EDS, Graduate School of Public and International Affairs Funder: National Science Foundation Period: 06/01-11/01

Carrick High School Mentoring Program

PI: Cornelia Davis, GT, UCSUR Funder: Pennsylvania Department of Education Period: 07/00-06/01

Allegheny Works

PI: Anne Farber, OCD, UCSUR Funder: Alcoa Foundation Period: 10/00-09/01

Comprehensive Service Alliance

PI: Anne Farber, OCD, UCSUR Funder: Comprehensive Service Alliance Period: 09/99-03/02

Greater Pittsburgh Community Food Bank Evaluation

PI: Anne Farber, OCD, UCSUR Funder: Greater Pittsburgh Community Food Bank Period: 01/00-09/01

Pittsburgh Action Against Rape Enhanced Safety for South Pittsburgh Communities Evaluation

PI: Anne Farber, OCD, UCSUR Funder: Birmingham Foundation Period: 01/01-12/01

Victim Offender Evaluation

PI: Anne Farber, OCD, UCSUR Funder: Pittsburgh Mediation Center Period: 07/00-12/01 Develop interactive Geographic Information Systems emergency management system for Pittsburgh.

Quick response trip to Gujarat, India to do field research on the uses of information technology in mobilizing responses to the earthquake.

Recruits, trains, and matches older adults to serve as mentors to 9th and 10th graders at Carrick High School. In addition to mentoring activities, the older adults tutor students in subjects such as math and science.

Initiative to improve employment, literacy, and job readiness skills of residents of the Northside. This evaluation assesses individual grants funded through the initiative, the community funding model, and impacts on the broader community.

Develop an evaluation plan that will include identification of audiences for evaluation reports, piloting of data collection tools, a system to track data collection, and a strategy to collect for program implementation and outcomes indicators.

Analyze and report on data collected by the Food Bank to assess the information learned in the nutrition education programs. Interview participants following completion of training to determine how their behavior relating to nutrition has changed.

Evaluation to assess the impact of education and training efforts on the Southside through assessment of the education program's impact on individual participants, changes in community awareness obtained through interviews with community leaders, and increased usage of PAAR's services.

Review the logic model, analyze data, develop report, collect feedback, and conduct a survey for the Victim Offender Program.

PROJECTS...continued

Children's Mental Health and Education

Services Evaluation Pl: Anne Farber, OCD, UCSUR Funder: Mental Health Association of Allegheny County Period: 03/01-12/01

Pittsburgh RISES

PI: Stephen Farber, GSPIA, UCSUR Funder: City of Pittsburgh Period: 06/00-06/01

GrandKIN Raising GrandKIDS

PI: David Fetterman, GT, UCSUR Funders: Brookdale Foundation Period: 07/00-06/02 Pittsburgh Foundation Period: 06/99-06/02 Allegheny County Department of Human Services Period: 06/99-07/04 Valley Care Association Period: 01/01-12/01

Early Identification and Intervention in Children's Behavioral Health

PI: Christina Groark, OCD, UCSUR Funder: Jewish Healthcare Foundation Period: 03/01-12/01

Senator John Heinz Memorial

PI: Christina Groark, OCD, UCSUR Funder: Heinz Endowments Period: Ongoing

Effects of Improving Care Giving – Russia

Pls: Christina Groark, OCD, UCSUR Robert McCall, OCD, UCSUR Funder: National Institute of Child Health and Human Development Period: 01/00-12/04

Interdisciplinary Fellow in Evaluation

Pls: Christina Gro<mark>ark, OCD, U</mark>CSUR Robert McCall, OCD, UCSUR Funder: Heinz Endowments Period: 01/99-12/01 Evaluation will assess outcomes achieved through the Mental Health Association of Allegheny County's Children's Mental Health and Education Services. Services provided to families through phone and other consultation will be tracked, and changes in school attendance and performance will be analyzed.

Development of software to search and display information on Brownfields sites in Pittsburgh Enterprise Communities.

Collaborative project that provides support and services for parenting grandparents and their grandchildren in Allegheny County, Pennsylvania. Current services include support groups, respite care, and a telephone information/referral/support service.

Connect parents, childcare workers, and pediatricians in determining whether a problem exists, its severity, and appropriate interventions.

Advance the welfare of children, youth, and families through interdisciplinary study, training, and programs.

Intervention project in Baby Homes of St. Petersburg, Russia. Study to look at stability and consistency of caregivers and socially responsive and developmentally appropriate caregiving behaviors.

Interdisciplinary fellowship training program in policy and evaluation. The fellowship program will provide an advanced interdisciplinary apprenticeship program in human service program evaluation and policy, with a focus on services for children and families.

Matching Funds for Improving

Caregiving–Russia Pls: Christina Groark, OCD, UCSUR Robert McCall, OCD, UCSUR Funder: Heinz Endowments Period: 05/99-04/04

Office of Child Development-Core

Pls: Christina Groark, OCD, UCSUR Robert McCall, OCD, UCSUR Funders: RK Mellon Foundation Period: 01/98-12/03 Heinz Endowments Period: 01/99-12/01

Early Childhood Initiative Demonstration Project (ECIDP)

Pls: Christina Groark, OCD, UCSUR Laurie Mulvey, OCD, UCSUR Funders: Heinz Endowments United Way RK Mellon Foundation Period: 04/01-03/04

Early Head Start

Pls: Christina Groark, OCD, UCSUR Laurie Mulvey, OCD, UCSUR Funders: Department of Health and Human Services ACYF/Head Start Bureau Period: 09/00-09/01 Heinz Endowments Period: 10/98-09/02

Partnerships for Family Support

Pls: Christina Groark, OCD, UCSUR Laurie Mulvey, OCD, UCSUR Funder: Allegheny County Department of Human Services Period: 06/01-07/02

Early Literacy

Pls: Christina Groark, OCD, UCSUR Robert Nelkin, OCD, UCSUR Funders: Heinz Endowments Period: 05/99-10/01 Grable Foundation Period: 08/99-08/02 Matching funds for Baby Homes Intervention in St. Petersburg, Russia.

General support for the Office of Child Development.

ECIDP's goals are to ensure neighborhood-designed, high quality early childhood services that are integrated across all domains, including health, education, and welfare. Formulate and conduct strategies that will improve the early childhood field in the region at the provider level and at the systems level.

Early Head Start program of services for families and children birth to three. The objectives of this project are to optimize early child development; support and enhance family development, stability, and self-sufficiency; and to ensure ongoing program improvement and staff development.

Enhance strong intervention system in Allegheny County by implementing family support principles, which highlight governed, designed, and improved services and activities.

Public awareness and engagement campaign to improve the language skills and learning readiness of young children by creating an environment where reading and learning are valued and supported.

PROJECTS...continued

Early Literacy Summit 2000

Pls: Christina Groark, OCD, UCSUR Robert Nelkin, OCD, UCSUR Funder: Heinz Endowments Period: 12/99-09/01

Family Support Principles

Pls: Christina Groark, OCD, UCSUR Robert Nelkin, OCD, UCSUR Funder: Copeland Period: 01/00-12/01

Arthritis Education Project

PI: Lynn Martire, Gerontology, UCSUR Funder: National Heart, Lung, and Blood Institute Period: 09/99-09/04

Caplan Early Childhood Education and Parenting Fund

PI: Robert McCall, OCD, UCSUR Funder: Frank and Theresa Caplan Period: Ongoing

Effects of Caregiving on Early Mental Health

PI: Robert McCall, OCD, UCSUR Funder: National Institute of Child Health and Human Development Period: 06/00-05/02

Welfare Indicators

PI: Robert McCall, OCD, UCSUR Funder: Heinz Endowments Period: 05/98-04/02

Kids Count

Pls: Robert McCall, OCD, UCSUR Maria Townsend, OCD, UCSUR Funder: Pennsylvania Partnerships for Children Period: 05/98-12/01 Summit to define and address challenges faced in the area of literacy in early education. The Summit will serve as a call to action to motivate the target audience to achieve a region-wide continuum of effort and level of coordination that will support every child's journey to reading.

Study to assess the feasibility of dramatically increasing the number of children and families positively affected by family support principles. As a result, a broader movement will advocate for children, families, and communities through a preventative, strengths-based, culturally competent approach.

Study to assess the efficacy of an educational intervention for older osteoarthritis patients and their spousal caregivers.

Provide scholarly or applied experience in training parent educators or guide parents in the development of infants and children.

Research supplement for under-represented minorities for the development and implementation of the follow-up of children adopted into the United States, particularly children from the three baby homes in St. Petersburg, Russia.

Chart the progress of parents toward financial and psychological self-sufficiency and the corresponding development of their children.

Provide data for the PA State of the Child book. Raising awareness of the general public and statewide policy and decisionmakers about issues affecting children in Pennsylvania. Also to develop and disseminate annual Kids Count products, such as the State of the Child Factbook and special reports.

Intergenerational Service-Learning

in Gerontology PI: James McCrea, GT, UCSUR Funder: Association for Gerontology in Higher Education Period: 09/98-08/03

Family Support Expansion

PI: Laurie Mulvey, OCD, UCSUR Funder: Heinz Endowments Period: 07/01-12/02

Technical Assistance CCDP Study

PI: Laurie Mulvey, OCD, UCSUR Funder: Mon-Valley Education Consortium Period: 01/00-07/01

Public Perception of and Reaction

Toward PA's Voluntary Benefits Pls: Donald Musa, SRP, UCSUR Cindy Bryce, Medicine Funder: Greenwall Foundation Period: 01/01-12/01

Self Care: Comparison of African Americans and Whites

PIs: Donald Musa, SRP, UCSUR Myrna Silverman, Health Services Administration Funder: National Institute on Aging Period: 09/00-08/04

Public Attitudes Towards Death and Organ Donation

Pls: Donald Musa, SRP, UCSUR Laura Siminoff, Case Western Reserve University Funder: National Institutes of Health Period: 04/99-09/01

Collaborative on Child and Family Policy

PI: Robert Nelkin, OCD, UCSUR Funder: Alcoa Foundation Period: 01/01-12/01

Early Identification and Intervention in Children's Behavioral Health

PI: Robert Nelkin, OCD, UCSUR Funder: Jewish Healthcare Foundation Period: 01/01-12/02 Seeks to create an intergenerational service-learning infrastructure in gerontology education through the provision of grants to colleges and universities to develop service-learning courses, partner with community agencies, and engage students in service to older adults.

Provide technical assistance and startup funds to communities that articulate a desire for and can bring resources to the development and oversight of a family support center.

Provide technical assistance to MacArthur Network CCDP Study of Pittsburgh sites.

Assess opinions about organ transplantation/ donation and knowledge of the PA Voluntary Benefits Program for families of organ donors.

Study of self-care behaviors and their stability or change over time among older black and white adults with chronic disease.

Study to examine the American public's understanding, conceptualization, and reaction to the determination of death and its effects on the willingness to donate organs and to support organ procurement policies.

Develop network of local leaders who will articulate and advocate for policy change to improve outcomes for children based on programmatic experiences of Allegheny County initiatives.

Connect parents, childcare workers, and pediatricians in determining whether a problem exists, its severity, and appropriate interventions.

PROJECTS... CONTINUED

Early Literacy Leaders

PI: Robert Nelkin, OCD, UCSUR Funder: Alcoa Foundation Period: 01/01-12/01

YouthPlaces

PI: Robert Nelkin, OCD, UCSUR Funder: Vira Heinz Period: 11/98-11/01

Proposal to Omidyar Foundation Request-

ing Financial Support for Two Meetings PI: Sally Newman, GT, UCSUR Funder: Omidyar Foundation Period: 01/01-12/01

Collaborative for Non-Custodial Fathers

PI: Kathryn Rudy, OCD, UCSUR Funder: Commonwealth of Pennsylvania Period: 01/01-06/02

Intergenerational Arts and Education Program PI: Sue Schneider, GT, UCSUR

Funder: Heinz Endowments Period: 10/00-09/03

Puppets to Pittsburgh

PI: Sue Schneider, GT, UCSUR Funder: Metropolitan Life Foundation Period: 01/01-12/01

Pittsburgh NIA Career Leadership Award

PI: Richard Schulz, Gerontology, UCSUR Funder: National Institute on Aging Period: 07/99-06/04

Understanding Shared Psychobiological Pathways-Core B

Pls: Richard Schulz, Gerontology, UCSUR Karen Matthews, Psychiatry Funder: National Heart, Lung, & Blood Institute Period: 09/00-08/02 Enhance role of parents as a force to bring about key elements necessary for any community in the nation (or elsewhere) to prepare children to be ready for school success.

YouthPlaces is a major initiative of Youth Crime Prevention of Allegheny County. Design and implement evaluation and technical assistance plan for YouthPlaces, the local model of community-wide youth development.

Development of an intergenerational professional journal.

Provide a seamless network of services tailored to the needs of non-custodial fathers in lieu of the fragmented system of services now available from various providers with varying program capacities.

Foster the development of literacy skills in elementary school age children through interdisciplinary instruction using older artists. A variety of intergenerational activities are integrated with existing curricula to deepen student understanding and promote new relationships.

Enhance the art and cultural experiences of children who attend the Pittsburgh Elementary Gifted Center by using puppet theater traditions of the major immigrant groups that have come to Pittsburgh over the years. Students will work with older adults who represent the multiple cultural and ethnic traditions in Pittsburgh.

Project integrates and enhances existing programs of aging research/training.

Provide a data management infrastructure and serve as a resource for the selection and development of appropriate psychosocial measures for multidisciplinary center. Family Relationships in Late-Life Study

Pls: Richard Schulz, Gerontology, UCSUR Gail Williamson, University of Georgia Funder: National Institute on Aging Period: 09/98-08/02

Resources for Enhancing Alzheimer's Caregiver Health Coordinating Center

PI: Richard Schulz, Gerontology, UCSUR Funders: National Institute on Aging National Institute of Nursing Research Period: 09/98-08/01

Resources for Enhancing Alzheimer's Caregiver Health Conceptual Framework Project

PI: Richard Schulz, Gerontology, UCSUR Funders: National Institute on Aging National Institute of Nursing Research Period: 09/00-08/01

Mental Health Intervention Research Center for the Study of Late-Life Mood Disorders

Pls: Richard Schulz, Gerontology, UCSUR Charles Reynolds, Psychiatry Funder: National Institute of Mental Health Period: 03/00-02/05

Geriatric Education Center of Pennsylvania

PI: Richard Schulz, Gerontology, UCSUR Funder: Health Resources and Services Administration Period: 09/96-08/02

Act 13/Elder Abuse

Pls: Richard Schulz, Gerontology, UCSUR Kathy Segrist, Temple University Funder: Temple University Period: 04/98-03/02

Caregiver Health Effects Study

PI: Richard Schulz, Gerontology, UCSUR Funder: National Institute of Mental Health Period: 06/97-05/02 Longitudinal study to assess the level of depression, anger, and anxiety in a sample of caregivers of elderly family members.

Works with selected intervention sites/program administrators of the NIA to carry out social/behavioral research on interventions designed to enhance family caregiving for Alzheimer's disease and related disorders (ADRD).

Apply statistical optimization techniques in the Resources for Enhancing Alzheimer's Caregiver Health Study.

Major research mission is to describe pathways and to characterize variation in outcomes for geriatric depression such as wellness, recurrence of depression, suicide, and placement in long-term care.

Maintain/improve the health and well-being of Pennsylvania's elderly population by increasing levels of geriatric expertise among existing as well as future health care professionals.

Management/training assistance in the provision of Act 13 elder Abuse Awareness training modules.

Multi-year study investigating the health effects of caregiving in a population-based sample of spousal caregivers using a wide array of objective and self-report physical and mental health outcome measures.

PROJECTS... CONTINUED

Dynamics of Health, Aging, and Body Composition (Health ABC)

Pls: Richard Schulz, Gerontology, UCSUR Anne Newman, Medicine Funder: National Institute on Aging Period: 03/96-04/04

Adjustment to Breast Cancer

PIs: Richard Schulz, Gerontology, UCSUR Vicki Helgeson, Carnegie Mellon University Funder: National Cancer Institute Period: 07/98-04/02

Intergenerational Early Childhood Program

PI: Gina Thorpe-Bradley, GT, UCSUR Funder: Allegheny County Area Agency on Aging Period: 12/00-06/01

Lucent Technologies Intergenerational Child Care Project

PI: Gina Thorpe-Bradley, GT, UCSUR Funder: Lucent Technologies Period: 02/00-02/01

Training Older Adults as Tutors in Schools

PI: Gina Thorpe-Bradley, GT, UCSUR Funders: Urban League of Pittsburgh Period: 01/01-03/01 YMCA of Pittsburgh Period: 03/01-06/01

Comprehension Impairment

PI: Connie Tompkins, Gerontology, UCSUR Funder: National Institutes of Health Period: 09/97-08/01

Seeds to Success

PI: Merrille Weissman, GT, UCSUR Funders: Valley Care Association Period: 06/00-02/01 The Raymond John Wean Foundation Period: 08/00-01/01 Investigate body composition and its relation to disability, mobility, and mortality in a cohort of individuals aged 70 years and over.

Primary aim is to examine the long-term effects of education and peer discussion intervention on psychological and physical adjustment to breast cancer and conference with follow-up care.

Prepares older adults over 55 years of age to work in child care. Using a curriculum developed by Generations Together, older students are trained in early childhood development and then placed in employment. The model also includes supports to help the graduates remain employed.

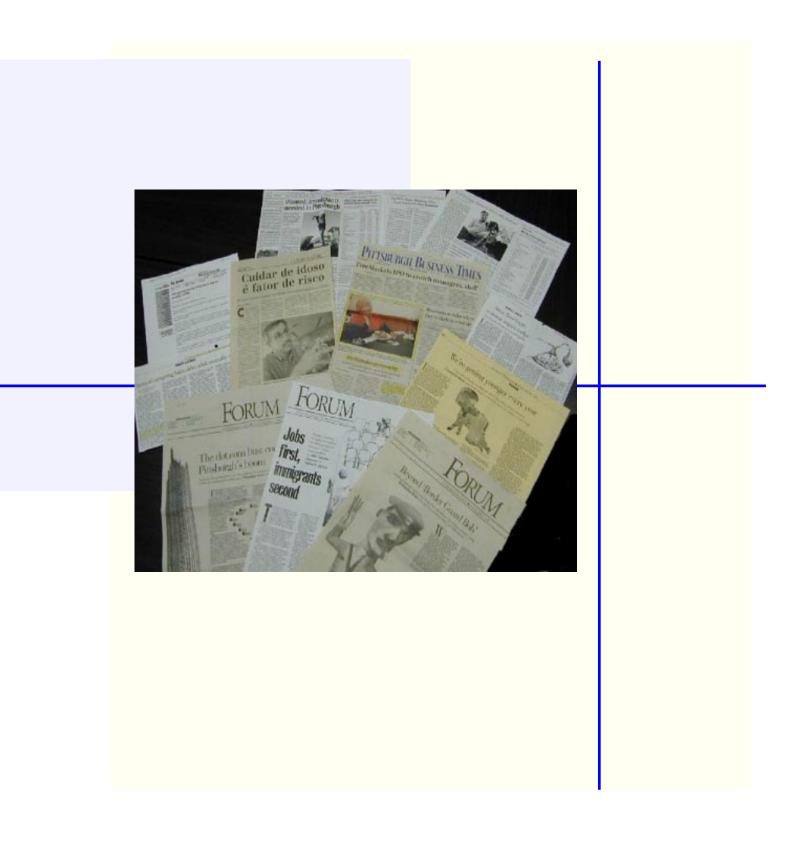
Integrates older caregivers into Lucent's child care centers by creating intergenerational caregiving teams. Activities include training of older adults and child care staff, community awareness workshops, dissemination, and model replication.

Based on a pilot program developed by Generations Together in Flint, Michigan, this program trains older adults to tutor children (K-3) in literacy. This model is part of the Pittsburgh Public School District's One-on-One Tutoring Program. Successful graduates of the program are then hired by the district to tutor the children.

Discourse comprehension problems often follow right brain damage but they are poorly understood. This project will test recent hypothesis of "suppression deficit" as a factor in poor comprehension performance.

Provides seed grants to generate new intergenerational projects in the region that address the problems (e.g. school dropouts, social isolation) of inadequate support groups for young and old and encourage working partnerships between agencies that serve children, youth, and older adults.

UCSUR IN THE NEWS



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