

**UNIVERSITY CENTER FOR
SOCIAL AND URBAN RESEARCH**



ANNUAL REPORT

JULY 1, 2002 - JUNE 30, 2003



UNIVERSITY OF PITTSBURGH

UCSUR

ANNUAL REPORT

JULY 1, 2002 - JUNE 30, 2003

UNIVERSITY CENTER FOR
SOCIAL AND URBAN RESEARCH

121 UNIVERSITY PLACE
PITTSBURGH, PA 15260

TELEPHONE: 412-624-5442

TELEFAX: 412-624-4810

EMAIL: UCSUR@PITT.EDU

WEB: [HTTP://WWW.UCSUR.PITT.EDU](http://www.ucsur.pitt.edu)

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 regional economic analysis and forecasting; the psychosocial impacts of adult development and aging; intergenerational relations; and environmental resource management. To support this research agenda, UCSUR maintains a permanent research infrastructure available to faculty and the community with the capacity to: (1) conduct all types of survey research and data analysis, (2) carry out regional econometric modeling, (3) obtain, format, and analyze spatial data, (4) acquire, manage and analyze large secondary and administrative data sets including Census data, and (5) design and carry out descriptive, evaluation, and intervention studies. UCSUR plays a critical role in the development of new research projects through consultation with faculty investigators.

The long-term goals of UCSUR fall into three broad domains: (1) provide state of the art research and support services for investigators interested in interdisciplinary research in the behavioral and social sciences; (2) develop nationally recognized research programs within the Center in a few selected areas; and (3), support the teaching mission of the University through graduate student mentoring, teaching courses on research methods in the social sciences, and providing research internships to undergraduate students. Achieving these goals requires that we continually upgrade and improve the research infrastructure of the Center, and that we recruit, develop, and maintain a core staff of investigators capable of being leaders in their field.

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 2002-2003. The Center continues to aggressively pursue 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. 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. We have greatly enhanced our web-based survey research capacity, strengthened our modeling ability, and integrated Geographic Information System (GIS) resources with the survey research capabilities. 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, and it has become the interdisciplinary crossroads for the professional schools of the University.

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, including the Pittsburgh Economic Quarterly, a survey of the region's elderly residents, 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 local and national media. Our work regularly appears in local press and occasionally in the New York Times, Wall Street Journal, 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.

WHAT WE DO: CENTER RESOURCES

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 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 handouts, 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.

WHAT WE DO: CENTER RESOURCES...CONTINUED

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 need 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.

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 strategic economic sectors are analyzed through 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 participating faculty, research staff, and graduate students.

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

The Pittsburgh Regional Economic model is a large-scale regional econometric model developed by Regional Economic Models Inc. (REMI) and supported by UCSUR in partnership with the Southwestern Pennsylvania 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 includes the seven county Metropolitan Statistical Area (Allegheny, Armstrong, Beaver, Butler, Fayette, Washington, and Westmoreland) plus Greene and Indiana counties. This model enables us to analyze economic and demographic impacts across the Southwestern Pennsylvania region.

Support of the Southwestern Planning Commission (SPC)

UCSUR continues to support the Southwestern Planning Commission (SPC) 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 SPC to aid its use of the REMI model and in producing as accurate a forecast as is possible for the region. The SPC 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 SPC is also required by federal mandate to provide 30-year projections of population and employment to the Department of Transportation as part of their planning process.

Workforce Development and Labor Demand Tracking

The Center uses ES-202 employment data collected by the state of Pennsylvania to 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 provides the Center with an opportunity to improve labor force information and analysis for the policymaking organizations in the region.

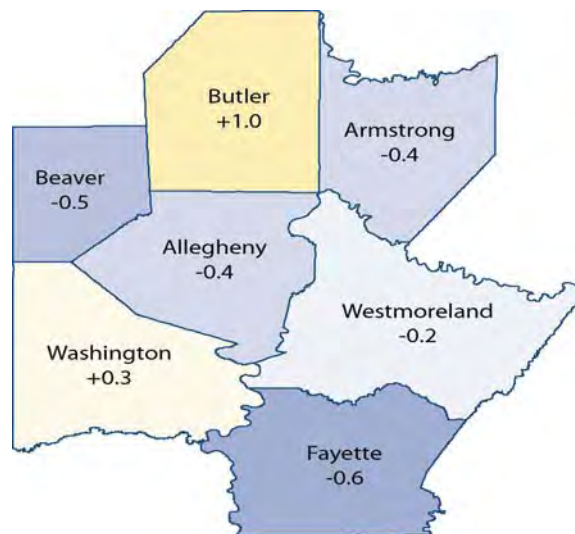
WHAT WE DO: CENTER RESOURCES...CONTINUED

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. PEQ is an extension of the continuing work done at UCSUR. Each issue includes the latest data on regional employment and economic conditions. Feature articles cover a variety of issues relating to the regional economy and how it is changing, along with analyses of other economic and social factors that directly impact the future of the region. Significant positive response to the PEQ has resulted and has filled a major need in the region for ongoing study of current economic trends. Recent issues of PEQ addressed these key issues:

- Results from UCSUR's Quality of Life Pilot Study
- Population change in Pittsburgh
- Area college graduates' migration decisions
- Impacts of racial differences in prescription drug coverage
- Women's labor force participation
- Affordability in Pittsburgh's regional housing market
- Economic analysis of the Oakland neighborhood

**Population Change: July 1, 2000 through July 1, 2002
(percent change per year)**



Source: U.S. Bureau of the Census, Population Estimates Program

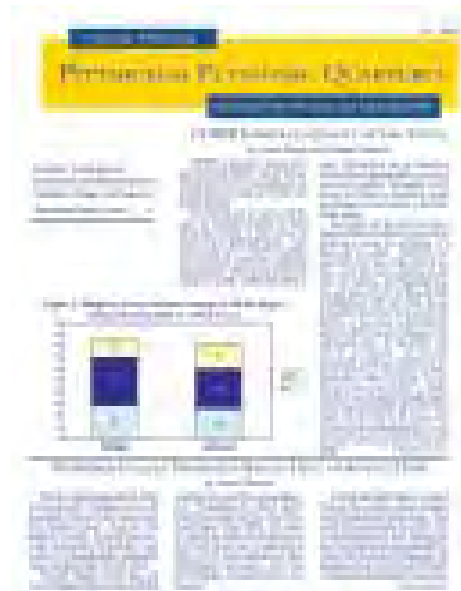
ACQUISITION AND MANAGEMENT OF SECONDARY DATA

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 newsletters, such as the Pittsburgh Economic Quarterly.



WHAT WE DO: CENTER RESOURCES...CONTINUED

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. We provide assistance in developing and designing evaluation plans, collecting and analyzing data, and writing evaluation reports. Depending on the focus of the project, these services can be provided by the Survey Research Program, Urban and Regional Analysis Program, or Gerontology Program.

UCSUR's interdisciplinary staff 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. 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 developing and implementing management information systems and needs assessments. UCSUR provides training and technical assistance to increase the capacity of staff to carry out 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

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 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.

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.

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.

BOARD OF VISITORS

Mr. Michael A. Bryson
Chair, UCSUR's Board of Visitors
Executive Vice President of Finance
Chief Financial Officer
Mellon Financial Corporation
Pittsburgh, PA

Anderson Dodd Smith, Ph.D.
Associate Dean, College of Sciences
Georgia Institute of Technology
Atlanta, GA

Director, The Urban Center
Maxine Goodman Levin College of Urban Affairs
Cleveland State University
Cleveland, OH

Mr. Earl F. Hord
University of Pittsburgh Board of Trustees
Pittsburgh, PA

Ms. Cynthia L. Roth
Past President, Pitt Alumni Association
Pitt Alumni Trustee
Executive Director, Family House
Pittsburgh, PA

James House, Ph.D.
Survey Research Center
Institute for Social Research
University of Michigan
Ann Arbor, MI
Larry C. Ledebur, Ph.D.

FACULTY DEVELOPMENT AWARDS

In memory of Steven D. Manners, who began working at the Center in 1974 and served as its Assistant Director from 1989 until his death in September 2000, UCSUR initiated a Faculty Development Awards program in recognition of Mr. Manners' contributions to the Center and the University community.



Steven D. Manners

UCSUR offers annually two awards of up to \$10,000 each. Faculty may apply for awards in two categories: (1) Research Development Grants to support pilot research in the social, behavioral, and policy sciences; and (2) Infrastructure Development Awards aimed at enhancing faculty capabilities to carry out interdisciplinary research in the social, behavioral, and policy sciences.

Because of the large number of applications in June 2003, UCSUR decided to fund six awards totaling \$38,500. Awardees in 2003 were: Pamela Peele, Associate Professor, Health Economics; William Klein, Assistant Professor, Psychology; Daniel Rosen, Assistant Professor, School of Social Work; Lisa Brush, Associate Professor Sociology; Audrey Murrell, Associate Professor, Joseph M. Katz Graduate School of Business; and Jeannette Truth, Assistant Professor, Graduate School of Public Health.

Awardees in 2002 were: Maureen Porter, Assistant Professor, Administrative and Policy Studies; and Scott F. Kiesling, Assistant Professor, Linguistics.

Awardees in 2001 were: Miriam Hertz, Assistant Professor, Health Information Management/Rehabilitation Science and Technology; and Paul E. Griffiths, Professor, History and Philosophy.

CORE STAFF

Administration

Director: Richard Schulz

Business Manager: James E. Clossin

Administrative Assistants: Anna Aivaliotis, Donna M. King

Systems Administrator: James R. Lefcakis

Assistant Systems Administrator: Kareem Demian

Urban and Regional Analysis

Co-Program Director: Ralph L. Bangs

Co-Program Director: Sabina Deitrick**

Research Specialist: Christopher Briem

Survey Research

Director: Scott R. Beach

Research Associate: Donald Musa

Senior Research Specialist: Janet Schlarb

Programmer/Analyst: Diego Jarrin

Research Specialists: Christine Bottles, Jason Seiler

Fieldwork Coordinators: Lynda Connelly, Martha Garritano, Laurel Person

Data Entry Specialists: Barbara Dughri, Olivia Kirsch

Gerontology

Program Director: Richard Schulz

Associate Program Director: Lynn Martire**

Project Coordinators/Directors: Jennifer Bissell, John Hennon, Julie Klinger, Amy Lustig,
Melissa Mooney, Bozena Zdaniuk

Project Assistants: Elaine Aivaliotis, Migdalia Braithwaite-Tull, Sally Hostein-Neft, Mary Parks

Generations Together

Program Director: James McCrea

Program Coordinators: Gina Thorpe-Bradley, Merrille Weissman

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

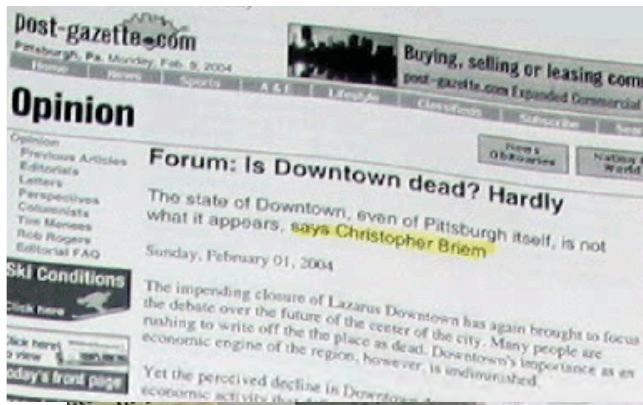
The following individuals serve as faculty associates, representing numerous schools, departments, institutes, and centers.

Charles David Boucek	<i>Anesthesiology</i>	Elsie R. Broussard	<i>Health Services Administration</i>
Lakshmipathi Chelluri	<i>Anesthesiology</i>	Chyongchiou J. Lin	<i>Health Services Administration</i>
Carl A. Sirio	<i>Anesthesiology</i>	Beaufort B. Longest, Jr	<i>Health Services Administration</i>
John P. Williams	<i>Anesthesiology</i>	Sandra J. Quinn	<i>Health Services Administration</i>
Frank S. McGlynn	<i>Anthropology</i>	Ravi Sharma	<i>Health Services Administration</i>
Hugo Nutini	<i>Anthropology</i>	Myrna Silverman	<i>Health Services Administration</i>
Richard Scaglione	<i>Anthropology</i>	Howard B. Degenholtz	<i>Health Services Administration</i>
Gary M. Marsh	<i>Biostatistics</i>	Judith R. Lave	<i>Health Services Administration</i>
William R. Love	<i>Business Information Systems</i>	Seymour Drescher	<i>History</i>
Stanley J. Kabala	<i>Center for Environmental Research & Education</i>	Edward K. Muller	<i>History</i>
Amy M. Kilbourne	<i>Center for Research on Health Care</i>	Laurence A. Glasco	<i>History</i>
Alberta Sbragia	<i>Center for Western European Studies</i>	Fritz Ringer	<i>History</i>
Nicholas F. Jones	<i>Classics</i>	Lisa S. Parker	<i>Human Genetics</i>
Mary L. Marazita	<i>Cleft Palate-Craniofacial Center</i>	Aurelia Koros	<i>Infectious Diseases</i>
Frank A. Ghinassi	<i>Clinical Administration</i>	Anthony J. Silvestre	<i>Infectious Diseases/Microbiology</i>
Susan Kinsey	<i>College of General Studies</i>	Hassan Karimi	<i>Information Sciences</i>
Connie A. Tompkins	<i>Communication Science and Disorders</i>	Brian Butler	<i>Katz Graduate School of Business</i>
J. Scott Yaruss	<i>Communication Science and Disorders</i>	Carrie R. Leana	<i>Katz Graduate School of Business</i>
Christine A. Dollaghan	<i>Communication Science and Disorders</i>	Marick F. Masters	<i>Katz Graduate School of Business</i>
Catherine V. Palmer	<i>Communication Science and Disorders</i>	Robert Nachtmann	<i>Katz Graduate School of Business</i>
Vincente A. Waxwood	<i>Communications</i>	John E. Prescott	<i>Katz Graduate School of Business</i>
John Wilds	<i>Community/Government Relations</i>	Ronald A. Brand	<i>Law</i>
Stephen Zupcic	<i>Community/Government Relations</i>	Vivian Curran	<i>Law</i>
Bruce Buchanan	<i>Computer Science/Intelligent Systems</i>	Lawrence A. Frolik	<i>Law</i>
John M. Close	<i>Dental Medicine</i>	Alan Meisel	<i>Law</i>
James Guggenheimer	<i>Dental Medicine</i>	David Herring	<i>Law</i>
Jon B. Suzuki, PhD	<i>Dental Medicine</i>	James M. Roberts	<i>Magee-Women's Research Institute</i>
Robert Weyant, PhD	<i>Dental Medicine</i>	Derek C. Angus	<i>Medicine</i>
Frank Giarratani	<i>Economics</i>	Robert M. Arnold	<i>Medicine</i>
Gene Gruver	<i>Economics</i>	Barbara Barnes	<i>Medicine</i>
Louis A. Chandler	<i>Education</i>	Cindy L. Bryce	<i>Medicine</i>
Mary Duquin	<i>Education</i>	Robert Cook	<i>Medicine</i>
Carl I. Fertman	<i>Education</i>	Michael Fine	<i>Medicine</i>
Douglas K. Hartman	<i>Education</i>	Cynthia Gadd	<i>Medicine</i>
Meryl K. Lazar	<i>Education</i>	John Kellum, Jr.	<i>Medicine</i>
Steven R. Lyon	<i>Education</i>	Anne B. Newman	<i>Medicine</i>
Robert Nelkin	<i>Education</i>	Edward Post	<i>Medicine</i>
Claudia M. Pagliaro	<i>Education</i>	P. Sudhakar Reddy	<i>Medicine</i>
Maureen Porter	<i>Education</i>	Eric Rodriguez	<i>Medicine</i>
Alice M. Scales	<i>Education</i>	Robert E. Schoen	<i>Medicine</i>
Neil H. Timm	<i>Education</i>	Rakesh Sindi	<i>Medicine</i>
Sekai Turner	<i>Education</i>	Debra K. Weiner	<i>Medicine</i>
Joan I. Vondra	<i>Education</i>	Kelly Wood	<i>Medicine</i>
Vince N. Mosesso, Jr.	<i>Emergency Medicine</i>	Andrew N. Weintraub	<i>Music</i>
Paul M. Paris	<i>Emergency Medicine</i>	Donald W. Marion	<i>Neurological Surgery</i>
Christopher J. Earls	<i>Engineering</i>	Edward Stricker	<i>Neuroscience</i>
Jeen-Shang Lin	<i>Engineering</i>	Rose E. Constantino	<i>Nursing</i>
Ronald D. Neufeld	<i>Engineering</i>	Willa M. Doswell	<i>Nursing</i>
Eric O. Clarke	<i>English</i>	Judith A. Erlen	<i>Nursing</i>
Marcia Landy	<i>English</i>	Julia Ann Greenawalt	<i>Nursing</i>
Joseph J. Schwerha	<i>Environmental/Occupational Health</i>	Mary E. Kerr	<i>Nursing</i>
Steven Belle	<i>Epidemiology</i>	Judith Talbolt Matthews	<i>Nursing</i>
Joyce T. Bromberger	<i>Epidemiology</i>	Ann M. Mitchell	<i>Nursing</i>
Jane A. Cauley	<i>Epidemiology</i>	Elizabeth A. Schlenk	<i>Nursing</i>
Andrea Kriska	<i>Epidemiology</i>	Robert P. Edwards	<i>OB-GYN</i>
Joel L. Weissfeld	<i>Epidemiology</i>	Joan C. Rogers	<i>Occupational Therapy</i>
Jonathon Erlen	<i>Falk Library/Public Health</i>	Mark S. Redfern	<i>Otolaryngology</i>
Inis Jane Bardella	<i>Family Medicine and Clinical Epidemiology</i>	Parmjeet Randhawa	<i>Pathology</i>
Janine E. Janosky	<i>Family Medicine and Clinical Epidemiology</i>	Bruce S. Rabin	<i>Pathology</i>
Valerie Grash	<i>Fine Arts</i>	Melanie A. Gold	<i>Pediatrics</i>
Yves Citton	<i>French and Italian</i>	Selma F. Witche	<i>Pediatrics</i>
William B. Kory	<i>Geography</i>	Raymond Davis Pitetti	<i>Pediatrics</i>
Paul Y. Hammond	<i>Graduate School of Public and International Affairs</i>	Abhay Vats	<i>Pediatrics</i>
Richard W. Hooley	<i>Graduate School of Public and International Affairs</i>	Pouran Famili	<i>Periodontics</i>
David Y. Miller	<i>Graduate School of Public and International Affairs</i>	Julie M. Fritz	<i>Physical Therapy</i>
Clyde Mitchell-Weaver	<i>Graduate School of Public and International Affairs</i>	James J. Irrgang	<i>Physical Therapy</i>
Jane Mazzoni-Maddigan	<i>Health Information Management</i>	Jessie VanSwearingen	<i>Physical Therapy</i>

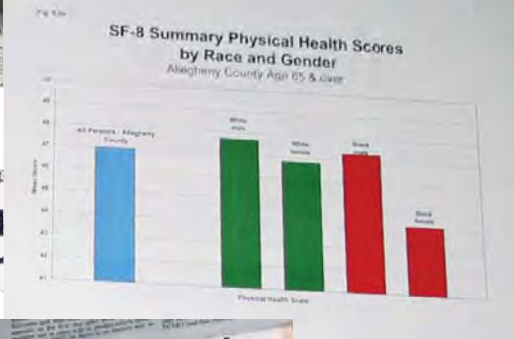
David Barker	<i>Political Science</i>
Christopher Jan Carman	<i>Political Science</i>
Susan Hansen	<i>Political Science</i>
John Hurwitz	<i>Political Science</i>
Jack L. Daniel	<i>Provost Office</i>
Boris Birmaher	<i>Psychiatry</i>
David Brent	<i>Psychiatry</i>
Mary Amanda Dew	<i>Psychiatry</i>
John E. Donovan	<i>Psychiatry</i>
Linda J. Ewing	<i>Psychiatry</i>
Robert S. Marin	<i>Psychiatry</i>
Karen A. Matthews	<i>Psychiatry</i>
Timothy Monk	<i>Psychiatry</i>
Lisa A. Morrow	<i>Psychiatry</i>
Rick Morycz	<i>Psychiatry</i>
Benoit H. Mulsant	<i>Psychiatry</i>
Edward P. Mulvey	<i>Psychiatry</i>
Herbert L. Needleman	<i>Psychiatry</i>
Bruce Pollock	<i>Psychiatry</i>
Charles F. Reynolds III	<i>Psychiatry</i>
Ihsan M. Salloum	<i>Psychiatry</i>
Judith A. Saxton	<i>Psychiatry</i>
Sarah H. Scholle	<i>Psychiatry</i>
Vaughan Stagg	<i>Psychiatry</i>
Magda Stouthamer-Loeber	<i>Psychiatry</i>
Kenneth S. Thompson	<i>Psychiatry</i>
Martin Greenberg	<i>Psychology</i>
Christina Groark	<i>Psychology</i>
John Levine	<i>Psychology</i>
Thomas W. Kamarck	<i>Psychology</i>
David Marsh	<i>Psychology-Greensburg</i>
Robert McCall	<i>Psychology</i>
Daniel Shaw	<i>Psychology</i>
Steven E. Stern	<i>Psychology-Johnstown</i>
Stephen Thomas	<i>Public Health</i>
Siddharth Chandra	<i>Public and International Affairs</i>
Louise Comfort	<i>Public and International Affairs</i>
Phyllis Coontz	<i>Public and International Affairs</i>
Hector Correa	<i>Public and International Affairs</i>
Sabina Deitrick	<i>Public and International Affairs</i>
Stephen Farber	<i>Public and International Affairs</i>
Leon L. Haley	<i>Public and International Affairs</i>
Walter Antonio Bretz	<i>Restorative Dentistry</i>
Nancy Condee	<i>Slavic Languages and Literatures</i>
Vladimir Padunov	<i>Slavic Languages and Literatures</i>
Larry E. Davis	<i>Social Work</i>
Rafael J. Engel	<i>Social Work</i>
Katie Greeno	<i>Social Work</i>
Lambert Maguire	<i>Social Work</i>
Helen Petracchi	<i>Social Work</i>
Esther Sales	<i>Social Work</i>
Edward W. Sites	<i>Social Work</i>
Tracy M. Soska	<i>Social Work</i>
Hide Yamatani	<i>Social Work</i>
Akiko Hashimoto	<i>Sociology</i>
Kathleen M. Blee	<i>Sociology</i>
Lisa D. Brush	<i>Sociology</i>
Patrick Doreian	<i>Sociology</i>
Thomas Schott	<i>Sociology</i>
James D. Luketich	<i>Surgery</i>
Jorge Reyes	<i>Surgery</i>
Ron Shapiro	<i>Surgery</i>
Attilio Favorini	<i>Theatre Arts</i>
William I. Brustein	<i>University Center for International Studies</i>
Carolyn J. Carson	<i>Urban Studies Program</i>
Guido K. Frank	<i>Western Psychiatric Institute and Clinic</i>



UCSUR IN THE NEWS



ALLEGHENY COUNTY DEPARTMENT OF HUMAN SERVICES Area Agency on Aging



PROJECTS*

Black-White Benchmarks

PI: Ralph Bangs, URA, UCSUR

Funder: Pittsburgh Foundation

Period: 07/02-12/03

This project uses 2000 Census data to update UCSUR's early benchmarks report on socio-economic conditions of African Americans and Whites in the City of Pittsburgh, Allegheny County, and the Pittsburgh Metropolitan Statistical Area.

Diversity in Leadership

PI: Ralph Bangs, URA, UCSUR

Funders: Sustainable Pittsburgh

Executive Women's Council

Pittsburgh Foundation

Period: 06/02-12/02

Data was gathered on African American and women representation among elected officials in the Pittsburgh region and recommendations were made for increasing representation. The final report is on UCSUR's website.

Women's Benchmarks

PI: Ralph Bangs, URA, UCSUR

Funder: Maurice Falk Medical Fund

Period: 07/02-12/03

Census data are used to determine the socio-economic conditions and trends of women and men in the City of Pittsburgh, Allegheny County, and the Pittsburgh Region.

ANDP Web Survey

PIs: Scott Beach, SRP, UCSUR

Ed Stricker, Neuroscience

Funder: Association of Neuroscience

Departments and Programs

Period: 08/02-02/04

Annual national ANDP web survey of neuroscience departments, focused on faculty, student, and curriculum characteristics.

Children of Bipolar Parents: A High Risk Follow-Up Study

PIs: Scott Beach, SRP, UCSUR

Boris Birmaher, Psychiatry

Funder: National Institutes of Health

Period: 04/01-03/06

Recruitment of community control families for comparison to families with parents with bipolar disorder. The major outcome is the psychopathological and functional status of children and adolescents.

Community Care Behavioral Health (CCBH) Patient Satisfaction Surveys

PIs: Scott Beach, SRP, UCSUR

Janet Schlarb, SRP, UCSUR

James Schuster, CCBH

Funder: Community Care Behavioral Health

Period: 08/01-01/05

Mail survey with telephone follow-up of medical assistance patient satisfaction with behavioral health treatment in Allegheny, Berks, York, and Adams counties.

Community Service Database Project

PIs: Scott Beach, SRP, UCSUR

Stephen Zupcic, Community/Government Relations

John Wilds, Community/Government Relations

Funder: Office of the Provost

Period: 07/01-06/04

Assist Office of the Provost in the development of a searchable database with information about faculty community service activities.

***In alphabetical order by UCSUR PI**

PROJECTS . . . CONTINUED

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

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.

Home Energy Audit Survey

*Pls: Scott Beach, SRP, UCSUR
Michael Bridges, SRP, UCSUR*

Ann Gerace, Conservation Consultants, Inc.

Funder: Conservation Consultants, Inc.

Period: 02/03-07/03

Telephone survey of middle to upper income households in Allegheny County to gauge interest in home energy consultation services.

Impact Study

*Pls: Scott Beach, SRP, UCSUR
David Brent, Psychiatry*

Funder: National Institute of Mental Health

Period: 08/02-07/07

Recruitment of community control families for comparison to families with a parent who committed suicide or died suddenly.

Office of Child Development Early Childhood Task Force Surveys

*Pls: Scott Beach, SRP, UCSUR
Christina Groark, OCD, UCSUR*

Robert McCall, OCD, UCSUR

Robert Nelkin, OCD, UCSUR

Funder: State of Pennsylvania

Period: 05/02-09/02

Statewide telephone surveys with childcare provider centers/home-based child care providers and web-based surveys of colleges and universities who offer training and degrees in early childhood education. The goal of the study was to gather information about statewide needs for early childhood care and education.

Veterans Aging Cohort Study (VACS)

*Pls: Scott Beach, SRP, UCSUR
Janet Schlarb, SRP, UCSUR*

Amy Justice, Yale University

Funder: National Institute on

Alcohol Abuse and Alcoholism

Period: 10/01-09/06

Telephone interviews with HIV+ and HIV- veterans to explore the role of alcohol use in adherence to medication treatment.



West Jefferson Hills Community Pool Survey

*Pls: Scott Beach, SRP, UCSUR
Michael Bridges, SRP, UCSUR*

Craig Hustwit, WAVE

Funder: West Jefferson Hills Area Volunteer

Executive Board

Period: 01/03-04/03

Telephone survey of West Jefferson Hills area residents to gauge interest in a new community pool.

Winchester Thurston School Parent Survey

*PIs: Scott Beach, SRP, UCSUR
Maura Farrell, Winchester Thurston School
Funder: Winchester Thurston School
Period: 02/03-04/03*

Telephone surveys of parents of children who withdrew from Winchester Thurston (WT), chose not to enroll in WT, and who did enroll in WT to examine factors related to their decisions.

Genetic and Inflammatory Markers of Sepsis (GenIMS)

*PIs: Michael Bridges, SRP, UCSUR
Derek C. Angus, Medicine
John A. Kellum, Jr. Medicine
Kelly A. Wood, Medicine
Funder: National Institutes of Health
Period: 02/02-11/02*

Thirty-day follow-up telephone interview in a study investigating the risk factors for sepsis, the leading cause of death in noncoronary intensive care unit patients nationwide.

Telephones, TV and the Internet: The Impact of Information Technology in the Home on Social Involvement and Psychological Well-being

*PIs: Michael Bridges, SRP, UCSUR
Vicki Helgeson, Carnegie Mellon University
Sara Kiesler, Carnegie Mellon University
Robert Kraut, Carnegie Mellon University
Funder: National Science Foundation
Period: 12/01-11/03*

National paper and pencil survey of households to examine how, if at all, household computing and the Internet are changing the social and psychological well-being of the American family. In addition, a secondary goal is to compare the influence of these new technologies with the influence telephones and televisions had in the past.

Baseline Forecast

*PI: Christopher Briem, URA, UCSUR
Funder: Southwestern Pennsylvania Commission
Period: 11/01-12/02*

Provided technical assistance to the Southwestern Pennsylvania Commission for their long-term population and economic forecast for the Pittsburgh Region.

Biotechnology Survey

*PI: Christopher Briem, URA, UCSUR
Funder: Friedrich-Schiller University
Period: 04/03-09/03*

Gathering information from biotechnology firms in the Pittsburgh Region about sources of innovation.

Economic Impact Analysis

*PI: Christopher Briem, URA, UCSUR
Funder: Pittsburgh Regional Alliance
Period: 02/02-01/03*

Estimate the direct and indirect economic impacts of the businesses that expand or locate in the Pittsburgh Region as a result of efforts by the Pittsburgh Regional Alliance.

PROJECTS . . . CONTINUED

**Hazard Reduction and Response in
Metropolitan Regions:
An Interdisciplinary Model**

*PIs: Louise Comfort, EDS, Graduate School of
Public and International Affairs
Hassan Karimi, School of Information Sciences
Funder: Global Academic Partnership Program,
University Center for International Studies and
Graduate School of Public and International
Affairs, University of Pittsburgh
Period: 04/02-06/03*

This grant supported an international, interdisciplinary workshop held at the University of Pittsburgh on March 17-18, 2003, in collaboration with five international universities, two other U.S. universities, the Japan Iron and Steel Foundation, and Earthquakes and Megacities Initiative. Proceedings from this workshop are currently in preparation for publication.

**Hazard Reduction and Response in
Metropolitan Regions:
An Interdisciplinary Model**

*PIs: Louise Comfort, EDS, Graduate School of
Public and International Affairs
Funder: High Performance Network Attachment
Initiative, University of Pittsburgh
Period: 04/02-06/03*

This grant supported the international video-conferencing capacity that enabled the live exchange and participation of university faculty, graduate students, and city administrative staff from Bogota, Colombia; Mexico City, Mexico; Kobe, Japan; and Los Angeles, CA in the Workshop described above.

**Quick Response Study: The Gujarat,
India Earthquake**

*PI: Louise Comfort, EDS, Graduate School of
Public and International Affairs
Funder: National Science Foundation
Period: 06/01-11/02*

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

**Terrorism and Corporate Crisis
Management: The Strategic Effect
of the September 11 Attacks**

*PIs: Louise Comfort, EDS, Graduate School of
Public and International Affairs
John R. Harrald, George Washington Univer-
sity
Funder: University of Pittsburgh subcontract to
George Washington University
Period: 09/02-08/03*

This project supported the collection and analysis of data on the impact of the September 11, 2001 attacks on 58 business corporations located in the World Trade Center. Several conference presentations were made on the basis of this analysis, and the final report is currently in preparation.

**Evaluation of Relatives as Caregivers for
At-Risk Children in West Virginia**

*PI: David Fetterman, GT, UCSUR
Funder: West Virginia University
Extension Service
Period: 09/01-08/04*

Evaluation of program that provides support services to relatives who are providing care for children of women who are substance abusers and/or HIV positive. Collaboration includes West Virginia University Extension Service, West Virginia Department of Health and Human Resources, and Mission West Virginia, Inc.

<p style="text-align: center;">Arthritis Education Project <i>PI: Lynn Martire, Gerontology, UCSUR</i> <i>Funder: National Heart, Lung, and Blood Institute</i> <i>Period: 09/99-09/04</i></p>	<p>Study to assess the efficacy of an educational intervention for older osteoarthritis patients and their spousal caregivers.</p>
<p style="text-align: center;">Intergenerational Service-Learning in Gerontology <i>PI: James McCrea, GT, UCSUR</i> <i>Funder: Association for Gerontology in Higher Education</i> <i>Period: 09/98-08/03</i></p>	<p>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.</p>
<p style="text-align: center;">Management Enhancement Grant <i>PI: James McCrea, GT, UCSUR</i> <i>Funder: The William J. Copeland Fund</i> <i>Period: 09/01-09/02</i></p>	<p>Supports the creation of a strategic plan and a fund development plan that includes internal/external research and the development of goals, objectives, outcomes, and an action plan.</p>
<p style="text-align: center;">Self Care: Comparison of African Americans and Whites <i>PIs: Donald Musa, SRP, UCSUR</i> <i>Myrna Silverman, Health Services Administration</i> <i>Funder: National Institute on Aging</i> <i>Period: 09/00-08/04</i></p>	<p>Study of self-care behaviors and their stability or change over time among older black and white adults with chronic disease.</p>
<p style="text-align: center;">Intergenerational Programming Quarterly Journal <i>PI: Sally Newman, UCSUR</i> <i>Funder: Omidyar Foundation</i> <i>Period: 09/02-09/03</i></p>	<p>Support for the development of an editorial board structure and article solicitation process that results in successful and timely publication of this new Haworth Press journal.</p>
<p style="text-align: center;">Aging Well, Sleeping Efficiently: Intervention Studies, Project 2 <i>PIs: Richard Schulz, Gerontology, UCSUR</i> <i>Timothy Monk, Psychiatry</i> <i>Funder: National Institute on Aging</i> <i>Period: 12/02-11/07</i></p>	<p>This project is concerned with spousal caregivers age 65 and over of early Alzheimer disease patients and an intervention designed to enhance their sleep and reduce the stress of caregiving.</p>
<p>Caregiver Intervention for Caregivers of Spinal Cord Injury Patients <i>PI: Richard Schulz, Gerontology, UCSUR</i> <i>Funder: National Institute of Nursing Research</i> <i>Period: 09/02-06/07</i></p>	<p>Test the efficacy of an innovative multi-component psychosocial/technology intervention aimed at reducing the risk for adverse health outcomes among family caregivers of older survivors with spinal cord injury.</p>

PROJECTS . . . CONTINUED

**Center of Excellence in Partnerships for
Community Outreach: Research and
Training Project EXPORT**

*PIs: Richard Schulz, Gerontology, UCSUR
Stephen Thomas, Graduate School of
Public Health*

*Funder: National Center on Minority Health
and Health Disparities
Period: 09/02-09/07*

Project EXPORT will utilize multiple strategies to enhance the impact of ongoing research to address health disparities and facilitate the involvement of African Americans in health promotion and disease prevention research and interventions.

Family Relationships in Late Life

*PIs: Richard Schulz, Gerontology, UCSUR
Gail Williamson, University of Georgia*

*Funder: National Institute on Aging
Period: 09/97-07/07*

Study the circumstances under which the distress of the caregiver leads to abuse or neglect of the care recipient.

**Geriatric Education Center
of Pennsylvania**

*PI: Richard Schulz, Gerontology, UCSUR
Funder: Health Resources and Services
Administration*

Period: 09/96-06/07

The Geriatric Education Center of Pennsylvania (GEC/PA) is a consortium of The University of Pittsburgh, Penn State University, and Temple University. The mission of the GEC/PA is to provide various educational programs to healthcare professionals in the areas of elder care issues.

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

*PIs: Richard Schulz, Gerontology, UCSUR
Lynn Martire, Gerontology, UCSUR
Charles Reynolds, Psychiatry*

*Funder: National Institute of Mental Health
Period: 03/00-02/05*

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.

**Psychiatric and Physical Health
Effects of Caregiving**

*PI: Richard Schulz, Gerontology, UCSUR
Funder: National Institute of Mental Health*

Period: 06/97-05/04

Assess, both short- and long-term, the physical and psychiatric health effects of spousal caregiving in a population-based sample of elderly persons age 65 and over.

**REACH Coordinating Center for
Caregiver Intervention Trial**

*PI: Richard Schulz, Gerontology, UCSUR
Fundors: National Institute on Aging
National Institute of Nursing Research*

Period: 09/95-08/04

Coordinating Center for Enhancing ADRD Caregiving. The goal of this cooperative agreement is to establish a coordinating center for intervention studies designed to enhance family caregiving for Alzheimer's Disease and related disorders.

**The Health, Aging, and Body
Composition Study
(Health ABC) Field Center**
*PIs: Richard Schulz, Gerontology, UCSUR
Anne Newman, Medicine*
Funder: National Institute on Aging
Period: 03/96-04/04

Recruit and follow 1500 adults age 70-79 at one of two field centers to study the relationship of body composition and comorbidity to subsequent disability.

**The Pittsburgh NIA Academic
Career Leadership Award**
PI: Richard Schulz, Gerontology, UCSUR
Funder: National Institute on Aging
Period: 07/99-06/04

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

**Understanding Shared Psychobiological
Pathways-Core B**
*PIs: Richard Schulz, Gerontology, UCSUR
Karen Matthews, Psychiatry*
*Funder: National Heart, Lung,
and Blood Institute*
Period: 09/99-08/05

Provide a data management infrastructure and serve as a resource for the selection and development of appropriate psychosocial measures for multidisciplinary center.

**Understanding Shared Psychobiological
Pathways-Project 2: Osteo**
*PIs: Richard Schulz, Gerontology, UCSUR
Karen Matthews, Psychiatry*
*Funder: National Heart, Lung,
and Blood Institute*
Period: 09/99-08/05

Determine if osteoarthritis patients and their spousal caregivers experience greater health benefits from educational intervention targeted at both or at only the patient.

Council Arts Program
PI: Gina Thorpe-Bradley, GT, UCSUR
Funder: Jewish Association on Aging
Period: 04/01-08/02

Recruit, train, and match high school teens, resource artists, and senior clients to work as intergenerational teams to produce art projects at five JAA sites in Allegheny County. The project is designed to integrate the creative and expressive arts into the lives of all the participants while developing sustained intergenerational relationships between the seniors and teens.

**Intergenerational Arts and
Education Program**
PI: Gina Thorpe-Bradley, GT, UCSUR
Funder: Heinz Endowments
Period: 10/00-09/04

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.

**Intergenerational Early
Childhood Program**

*PI: Gina Thorpe-Bradley, GT, UCSUR
Funder: Allegheny County
Area Agency on Aging
Period: 10/02-06/03*

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.

Comprehension Impairment

*PI: Connie Tompkins, Gerontology, UCSUR
Funder: National Institutes of Health
Period: 09/97-08/03*

Discourse comprehension problems often follow right brain damage, but they are poorly understood. This project is designed to contrast "suppression deficit" and "inference failure" hypotheses as factors in poor comprehension performance, and to gauge the attentional demands of suppression function.

Carrick High School Mentoring Program

*PI: Merrille Weissman, GT, UCSUR
Funder: Pennsylvania Department of Education
Period: 07/02-06/03*

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.

**Faith-Based Wellness:
An Intergenerational Approach**

*PI: Merrille Weissman, GT, UCSUR
Funder: Howard Heinz Endowments
Period: 07/02-06/04*

Provides wellness sessions including health, nutrition, stress management, parenting skills, and spiritual components for kinship caregivers.

GrankIN Raising GrandKIDS

*PI: Merrille Weissman, GT, UCSUR
Funder: Allegheny County Department of
Human Services
Period: 06/99-07/04*

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



PUBLICATIONS 2002 - 2003

JOURNALS

Arean, P. A., Cook, B. L., Gallagher-Thompson, D., Hegal, M. T., Schulberg, H., & Schulz, R. (2003). Guidelines for conducting geropsychotherapy research. *American Journal of Geriatric Psychiatry*, 11(1), 9-16.

Baumgaertner, A., & Tompkins, C.A. (2002). Testing contrasting accounts of word meaning activation in Broca's aphasia: Experiences from a cross-modal semantic priming study. *Aphasiology*, 16, 397-411.

Belle, S. H., Czaja, S. J., Schulz, R., Zhang, S., Burgio, L., Gitlin, L., Jones, R., Mendelsohn, A., & Ory, M. (2003). Using a new taxonomy to combine the uncombinable: Integrating results across diverse caregiving interventions. *Psychology and Aging*, 18(3), 396-405.

Belle, S., Zhang, S., Czaja, S., Burns, R., & Schulz, R. (in press). Cognitive enhancement medication utilization among persons with Alzheimer's Disease or a related dementia who have a family caregiver: Results from the Resources for Enhancing Alzheimer's Caregiver Health (REACH) project. *American Journal of Geriatric Psychiatry*.

Blake, M. L., Duffy, J.R., Myers, P.S., & Tompkins, C.A. (2002). Prevalence and patterns of right hemisphere cognitive/communicative deficits: Retrospective data from an inpatient rehabilitation unit. *Aphasiology*, 16, 537-547.

Blake, M. L., Duffy, J.R., Tompkins, C.A., & Myers, P.S. (2003). Right hemisphere syndrome is in the eye of the beholder. *Aphasiology*, 17, 423-432.

Bookwala, J., Zdaniuk, B., Burton, L., Lind, B., Jackson, S., & Schulz, R. (in press). Concurrent and long-term predictors of older adults' utilization of community-based long-term care services. *Journal of Aging and Health*.

Bourgeois, M. S., Schulz, R., Burgio, L., & Beach, S. R. (2002). Skills training for spouses of patients with Alzheimer's disease: Outcomes of an intervention study. *Journal of Clinical Geropsychology*, 8(1), 53-73.

Brody, H., Green, A., Banerjee, S., Mittelman, M., Schulz, R., Whitehouse, P., Harvey, R., Powell, M., Prince, M., Rios, D., & Zarit, S. (2002). Towards harmonisation of caregiver outcome measures. *Brain Aging*, 2(4), 3-12.

Burton, L. C., Zdaniuk, B., Schulz, R., Jackson, S., & Hirsch, C. (2003). Transitions in spousal caregiving. *The Gerontologist*, 43(2), 230-241.

Charney, D. S., Reynolds, C. F., Lewis, L., Lebowitz, B. D., Sunderland, T., Alexopoulos, G. S....Schulz, R., Schwenk, T. L., Scolnick, E., Unutzer, J., Weissman, M. M., & Young, R. C. (2003). Depression and bipolar support alliance consensus statement on the unmet needs in diagnosis and treatment of mood disorders in late life. *Archives of General Psychiatry*, 60, 664-672.

Chelluri, L., Im, K. A., Belle, S. H., Schulz, R., Rotondi, A. J., Donahoe, M. P., Sirio, C. A., Mendelsohn, A.B., & Pinsky, M. R. (in press). Long-term mortality and quality of life after prolonged mechanical ventilation. *Critical Care Medicine*, 32(1), 61-69.

Chelluri, L., Mendelsohn, A. B., Belle, S. H., Rotondi, A. J., Angus, D. C., Donahoe, M. P., Sirio, C. A.,

PUBLICATIONS . . . CONTINUED

Schulz, R., & Rodriguez-Barradas, M. (2002). Clinical importance of HIV-related symptoms among depressed and non-depressed HIV+ patients. *Journal of General Internal Medicine*, 17, 512-520.

Lepore, S. J., Helgeson, V.S., Eton, D. T., & Schulz, R. (2003). Improving quality of life in men with prostate cancer: A randomized controlled trial of group education interventions. *Health Psychology*, 22(5), 443-452.

Lustig, A.P. & Tompkins, C.A. (2002). A written communication strategy for a speaker with aphasia and apraxia of speech: Treatment outcomes and social validity. *Aphasiology*, 16, 507-521.

Martire, L. M., & Hall, M. (2002). Dementia caregiving: Recent research on negative health effects and the efficacy of caregiver interventions. *CNS Spectrums*, 7, 791-796.

Martire, L. M., Lustig, A. P., Schulz, R., Miller, G. E., & Helgeson, V. S. (in press). Is it beneficial to involve a family member? A meta-analytic review of psychosocial interventions for chronic illness. *Health Psychology*.

Martire, L. M., Schulz, R., Keefe, F. J., Starz, T. W., Osial, T. A., Dew, M. A., & Reynolds, C. F. (2003). Feasibility of a dyadic intervention for management of osteoarthritis: A pilot study with older patients and their spousal caregivers. *Aging and Mental Health*, 7(1), 53-60.

Martire, L. M., Schulz, R., Wrosch, C., & Newsom, J. T. (2003). Perceptions and implications of received spousal care: Evidence from the Caregiver Health Effects Study. *Psychology and Aging*, 18(3), 593-601.

Martire, L. M., & Stephens, M. A. P. (2003). Juggling parent care and employment responsibilities: The dilemmas of adult daughter caregivers in the work force. *Sex Roles: A Journal of Research*, 48, 167-173.

Martire, L. M., Stephens, M. A. P., Druly, J. A., & Wojno, W. C. (2002). Negative reactions to received spousal care: Predictors and consequences of miscarried support. *Health Psychology*, 21, 167-176.

Matthews, J. T., Dunbar-Jacob, J., Sereika, S., Schulz, R., & McDowell, B. J., (in press). Health promotion and disease prevention among family caregivers of persons receiving home health services. *Journal of Gerontological Nursing*.

Mehta, K. M., Simonsick, E. M., Penninx, B. W. J. H., Schulz, R., Rubin, S., Satterfield, S., & Yaffe, K. (2003). Prevalence and correlates of anxiety symptoms in well-functioning older adults: Findings from the Health ABC Study. *Journal of the American Geriatrics Society*, 51, 499-504.

Newman, S. (Appointed Editor 2000). *Intergenerational Programming Quarterly: An International Journal of Practice, Research and Policy*. Charter issue January 2003. Haworth Press, Inc.

Newsom, J. T., Prigerson, H. G., Reynolds, C. F., & Schulz, R. (in press). Investigating moderator hypotheses in aging research: Statistical, methodological, and conceptual difficulties with comparing separate regressions. *International Journal of Aging and Human Development*.

Norton, T. R., Stephens, M. A. P., Martire, L. M., Townsend, A. L., & Gupta, A. (2002). Change in the centrality of women's multiple roles: Effects of role stress and rewards. *Journal of Gerontology: Social Sciences*, 57B, S52-S62.

Schulz, R., & Pinsky, M. R. (2003). Hospital costs in patients receiving prolonged mechanical ventilation. Does age have an impact? *Critical Care Medicine*, 31, 1746-1751.

Chelluri, L., Rotondi, A. J., Mendelsohn, A. B., Belle, S. H., Sirio, C. A., Donahoe, M. P., Pinsky, M. R., & Schulz, R. (2002). 2-month mortality and functional status of critically ill adult patients receiving prolonged mechanical ventilation. *CHEST*, 121(2), 549-558.

Comfort, L. (2003). Managing Intergovernmental Response to Terrorism and Other Extreme Events. *Publius*, 32(4), 29-49.

Comfort, L. (2002). Be Prepared! Simulating Sociotechnical Systems in Disaster Environments to Anticipate Robot and Human Responses. *IEEE Robotics and Automation Magazine*, 9(3), 13-16.

Comfort, L. (2002). Institutional Re-orientation and Change: Security as a Learning Strategy. *The Forum*, 1(2), 1-5. <http://www.bepress.com/forum/vol1/iss2/art4/>

Comfort, L. (2002). Rethinking Security: Organizational Fragility in Extreme Events. *Public Administration Review*, 62 (Special Issue), 98-107.

Czaja, S. J., & Schulz, R. (2003). Does the treatment make a real difference? The measurement of clinical significance. *Alzheimer's Care Quarterly*, 4(3), 229-240.

Czaja, S. J., Schulz, R., Lee, C. C., & Belle, S. H. (2003). A methodology for describing and decomposing complex psychosocial and behavioral interventions. *Psychology and Aging*, 18(3), 385-395.

Cremeans-Smith, J. K., Parris Stephens, M. A., Franks, M. M., Martire, L. M., Druley, J. A., & Wojno, W. C. (2003). Spouses' and physicians' perceptions of pain severity in older women with osteoarthritis: Dyadic agreement and patients' well-being. *Pain*, 106(1-2), 27-34.

Doyle, P.J., McNeil, M.M., Prieto, L.P., Lustig, A.P., et al. (in press). The Burden of Stroke Scale (BOSS): Conceptual and Psychometric Development. *Journal of Clinical Epidemiology*.

Druley, J. A., Stephens, M. A. P., Martire, L. M., Ennis, N., & Wojno, W. C. (2003). Emotional congruence in older couples coping with wives' osteoarthritis: Exacerbating effects of pain behavior. *Psychology and Aging*, 18(3), 406-414.

Gitlin, L., Belle, S. H., Burgio, L., Czaja, S. J., Mahoney, D., Gallagher-Thompson, D., Burns, R., Hauck, W. W., Zhang, S., Schulz, R., & Ory, M. G. (2003). Effect of multicomponent interventions on caregiver burden and depression: The REACH multisite initiative at 6-month follow-up. *Psychology and Aging*, 18(3), 361-374.

Gitlin, L. N., & Schulz, R. (2003). Researchers look at caregiving: Current data, future directions. *Healthcare and Aging (American Society on Aging)*, 10(4), 5.

Im, K.A., Belle, S. H., Schulz, R., Mendelsohn, A. B., & Chelluri, L. (in press). Prevalence and outcomes of caregiving after prolonged (> 48 hours) mechanical ventilation (MV) in the intensive care unit (ICU). *CHEST*.

Kilbourne, A. M., Justice, A. C., Rollman, B. L., Rabeneck, L., Weissman, S., Smola, S., Herron, N.,

PUBLICATIONS . . . CONTINUED

research: In search of clinical significance. *The Gerontologist*, 42(5), 589-602.

Tompkins, C.A., Lehman-Blake, M.T., Baumgaertner, A., & Fassbinder, W. (2002). Characterizing comprehension difficulties after right brain damage: Attentional demands of suppression function. *Aphasiology*, 16, 559-572.

Trauth, J.M., Zimmerman, R.K., Musa, D., Mainzer, H., & Nutini, J.F. (2002). Do beliefs of inner-city parents about disease and vaccine risks affect immunizations? *Journal of the National Medical Association*, 94(9), 820-832.

Wisniewski, S., Belle, S. H., Coon, D. W., Marcus, S. M., Ory, M. G., Burgio, L., Burns, R., & Schulz, R. (2003). The Resources for Enhancing Alzheimer's Caregiver Health (REACH): Project design and baseline characteristics. *Psychology and Aging*, 18(3), 375-384.

Wrosch, C., Scheier, M. F., Carver, C. S., & Schulz, R. (2003). The importance of goal disengagement in adaptive self-regulation: When giving up is beneficial. *Self and Identity*, 2, 1-20.

Wrosch, C., Scheier, M. F., Miller, G. E., Schulz, R., & Carver, C.S. (2003). Adaptive self-regulation of unattainable goals: Goal disengagement, goal re-engagement, and subjective well-being. *Personality and Social Psychology Bulletin*, 29(12), 1494-1508.

Wrosch, C., Schulz, R., & Heckhausen, J. (in press). Health stresses and depressive symptomatology in the elderly: A control-process approach. *Current Directions*.

Wrosch, C., Schulz, R., & Heckhausen, J. (2002). Health stresses and depressive symptomatology in the elderly: The importance of health engagement control strategies. *Health Psychology*, 21(4), 340-348. **BOOKS**

BOOK CHAPTERS/OTHER PUBLICATIONS

Antonucci, T. C., & Schulz, R. (2003). Families, social support, and caregiving. In W. R. Hazzard, J. P. Blass, J. B. Halter, J. G. Ouslander, & M. E. Tinetti (Eds), *Principles of geriatric medicine and gerontology*, fifth edition (pp. 255-263). NY: McGraw-Hill.

Bookwala, J., Newman, J. L., & Schulz, R. (2002). Research on men caregivers: A methodological review. In B. J. Kramer & E. H. Thompson (Eds.), *Men as caregivers: Theory, research, and service implications* (pp. 69-96). NY: Springer.

Comfort, L. K. (2002). A governance under fire: Organizational fragility in complex Systems. In *Governance and Public Security*. Syracuse (pp. 113-127). NY: Campbell Public Affairs Institute, Maxwell School of Citizenship and Public Affairs, Syracuse University.

Comfort, L. (April 2003). Organizational Learning and Change: Evolving Systems in a Global Community. *Encyclopedia of Life Support Systems (EOLSS)*.

Comfort, L. (October 23-24, 2002). Information Technology and Efficiency in Disaster Response: The Bhuj, Gujarat Earthquake of 26 January 2001. *Proceedings of the International Conference on Earthquake Loss Estimation and Risk Reduction*. Bucharest, Romania: University of Bucharest.

Comfort, L. (November 2002). Networks of Action for Emerging Systems. *PA Times*, page 4.

Pashek, G.V., & Tompkins, C.A. (2002). Context and word class influences on lexical retrieval in aphasia. *Aphasiology*, 16, 261-286.

Pillemer, K., Czaja, S., Schulz, R., & Stahl, S. M. (2003). Finding the best ways to help: Opportunities and challenges of intervention research on aging. In K. Pillemer, S. J. Czaja, & R. Schulz (Guest Eds.), *Challenges of translational research on aging: The experience of the Roybal Centers*. *The Gerontologist*, 43 (Special Issue I), 5-8.

Rogers, J.C., Holm, M., Beach, S., Schulz, R., Cipriani, J., Fox, A., & Starz, T. W. (2003). Concordance of four methods of disability assessment using performance in the home as the criterion method. *Arthritis Care and Research*, 49(5), 640-647.

Rooks, R. N., Simonsick, E. M., Miles, T., Newman, A., Kritchevsky, S. B., Schulz, R., & Harris, T. (2002). The association of race and socioeconomic status with cardiovascular disease indicators among older adults in the Health, Aging, and Body Composition Study. *Journal of Gerontology: Psychological Sciences*, 57B(4), S247-S256.

Rotondi, A. J., Chelluri, L., Sirio, C., Mendelsohn, A., Schulz, R., Belle, S., Im, K., Donahoe, M., & Pinsky, M. R. (2002). Patients' recollections of stressful experiences while receiving prolonged mechanical ventilation in an intensive care unit. *Critical Care Medicine*, 30(4), 746-752.

Rotondi, A. J., Lave, J., Im, K., Chelluri, L., Pinsky, M. R., Belle, S., Sirio, C. A., Mendelsohn, A. B., & Schulz, R. (in press). Hospital net income for patients receiving prolonged mechanical ventilation. *American Journal of Respiratory and Critical Care Medicine*.

Schulz, R., Belle, S. H., Czaja, S. J., Gitlin, L., Wisniewski, S., & Ory, M. G. (2003). Introduction to the special section on Resources for Enhancing Alzheimer's Caregiver Health (REACH). *Psychology and Aging*, 18(3), 357-360.

Schulz, R., Burgio, L., Burns, R., Eisdorfer, C., Gallagher-Thompson, D., Gitlin, L., & Mahoney, D. F. (2003). Resources for Enhancing Alzheimer's Caregiver Health (REACH): Overview and site specific outcomes and future directions. *The Gerontologist*, 43(4), 514-520.

Schulz, R., Drayer, R. A., & Rollman, B. L. (2002). Depression as a risk factor for non-suicide mortality in the elderly. *Biological Psychiatry*, 52(3), 205-225.

Schulz, R., Lustig, A., Handler, S., & Martire, L. (2002). Technology-based caregiver intervention research: Current status and future directions. *Gerontechnology*, 2, 15-47.

Schulz, R., & Martire, L.M. (in press). Family caregiving in persons with dementia: Prevalence, health effects, and support strategies. *American Journal of Geriatric Psychiatry*.

Schulz, R., Mendelsohn, A.B., Haley, W.E., Mahoney, D., Allen, R.S., Zhang, S., Thompson, L., & Belle, S.H. (2003). End of life care and the effects of bereavement on family caregivers of persons with dementia. *New England Journal of Medicine*, 349(20), 1936-1942.

Schulz, R., O'Brien, A., Czaja, S., Ory, M., Norris, R., Martire, L. M., Belle, S. H., Burgio, L., Gitlin, L., Coon, D., Burns, R., Gallagher-Thompson, D., & Stevens, A. (2002). Dementia caregiver intervention

PUBLICATIONS . . . CONTINUED

Coon, D.W., Ory, M.G., & Schulz, R. (2003). Family caregivers: Enduring and emergent themes. In D.W. Coon, D. Gallagher-Thompson, & L.W. Thompson (Eds.) *Innovative interventions to reduce dementia caregiver distress* (pp. 3-27). NY: Springer.

Dew, M. A., Martire, L. M., & Hall, M. (2002). Depression: Epidemiology and risk factors. In M. E. Thase & J. Potokar (Eds.), *Advances in the management and treatment of depression* (pp. 1-39). London: Martin Dunitz Publishers.

Ekerdt, D. J. (Editor in Chief), R. A. Applebaum, K. Holden, S. G. Post, K. Rockwood, R. Schulz, R. L., Sprott, and P. Uhlenberg (Eds.). (2002). *Encyclopedia of Aging*, 4 Volumes. NY: Macmillan Reference USA.

Hennon, J. G., & Weiner, D. K. (2002). How to educate practitioners about managing pain in older adults. In D. K. Weiner, K. Heer, & T. E. Rudy (Eds.), *Improving the lives of older adults with persistent pain: An interdisciplinary guide*. New York: Springer.

Martire, L., M., & Schulz, R. (2002). Psychosocial-behavioral interventions. In D. J. Ekerdt, R.A. Applebaum, K. C. Holden, S. G. Post, K. Rockwood, R. Schulz, & R. L. Sprott (Eds.), *Encyclopedia of Aging*. New York: Macmillan Reference USA.

Schulz, R., & Martire, L. M. (in press). Caregiving. In N.J. Smelser & P.B. Baltes (Eds.), *The international encyclopedia of the social and behavioral sciences*. Oxford, England: Elsevier.

Schulz, R., Wrosch, C., & Heckhausen J. (2003). The Life-span Theory of Control: Issues and Evidence. In S. Zarit, L. Pearlin, & K.W. Schaie (Eds.) *Personal control in social and life course contexts* (pp. 233-262). New York: Springer.

Tompkins, C. A., & Fassbinder, W. (in press). Right hemisphere language disorders. In R. Kent (Ed.), *MIT Encyclopedia of Communication Sciences and Disorders*. Cambridge, MA: MIT Press.

Tompkins, C. A., Fassbinder, W., Lehman-Blake, M. T., & Baumgaertner, A. (2002). The nature and implications of right hemisphere language disorders: Issues in search of answers. In A. Hillis (Ed.), *Handbook of adult language disorders: Integrating cognitive neuropsychology, neurology, and rehabilitation* (pp. 429-448). New York: Psychology Press.

Tompkins, C. A., & Lehman-Blake, M. T. (2003). Language disorders. In D. J. Ekerdt (Ed.), *Macmillan Encyclopedia of Aging Volume III* (pp. 764-767). New York: Macmillan Reference USA.

TECHNICAL REPORTS

Beach, S., & Schlarb, J. (2002). Community Care Behavioral Health 2001 member satisfaction survey: Report of findings. University of Pittsburgh, Center for Social and Urban Research.

Beach, S., & Schlarb, J. (2003). Community Care Behavioral Health 2002 Allegheny County member satisfaction survey: Report of findings. University of Pittsburgh, Center for Social and Urban Research.

Beach, S., & Schlarb, J. (2003). Community Care Behavioral Health 2002 York & Adams counties member satisfaction survey: Report of findings. University of Pittsburgh, Center for Social and Urban Research.

Beach, S., & Schlarb, J. (2003). Community Care Behavioral Health 2002 Berks County member satisfaction survey: Report of findings. University of Pittsburgh, Center for Social and Urban Research.

Bridges, M., Seiler, J., & Beach, S. (2003). Conservation Consultants, Inc. survey on home-energy consultation: Report on survey methodology and major findings. University of Pittsburgh, Center for Social and Urban Research.

Bridges, M., Seiler, J., & Beach, S. (2003). Jefferson Hills Area community pool survey: Report on survey methodology and major findings. University of Pittsburgh, Center for Social and Urban Research.

Briem, C. (2002). Socio-Economic Data and Rankings for City of Pittsburgh Neighborhoods and Allegheny County Municipalities. University of Pittsburgh, Center for Social and Urban Research.

Constance-Huggins, M., & Bangs, R. (2003). Diversity Among Elected Officials in the Pittsburgh Region in 2002. University of Pittsburgh, Center for Social and Urban Research.

Farber, S., Argueta, J., & Hughes, S. (2003). 2002 user survey for the Pennsylvania Allegheny Trail Alliance. University of Pittsburgh, Center for Social and Urban Research.

Fetterman, D. (2002). Grandparents and other relatives who are raising children: A training curriculum resource for professionals. University of Pittsburgh, Center for Social and Urban Research.

Musa, D., Seiler, J., Flora, P., Briem, C., Martire, L., & Schulz, R. (2003). The state of aging and health in Pittsburgh and Allegheny County. University of Pittsburgh, Center for Social and Urban Research.

Schlarb, J., & Beach, S. (2003). Community Care Behavioral Health 2002 UPMC Health Plan provider satisfaction survey: Report of findings. University of Pittsburgh, Center for Social and Urban Research.

Schlarb, J., & Beach, S. (2003). Community Care Behavioral Health 2002 Health Choices Allegheny County provider satisfaction survey: Report of findings. University of Pittsburgh, Center for Social and Urban Research.

Schlarb, J., & Beach, S. (2003). Community Care Behavioral Health 2002 Health Choices Berks County provider satisfaction survey: Report of findings. University of Pittsburgh, Center for Social and Urban Research.

Schlarb, J., & Beach, S. (2003). Community Care Behavioral Health 2002 Health Choices York & Adams County provider satisfaction survey: Report of findings. University of Pittsburgh, Center for Social and Urban Research.

Schlarb, J., & Beach, S. (2002). Community Care Behavioral Health 2001 HealthChoices provider satisfaction survey: Report of findings. University of Pittsburgh, Center for Social and Urban Research.

Schlarb, J., & Beach, S. (2002). Community Care Behavioral Health 2001 UPMC Health Plan provider satisfaction survey: Report of findings. University of Pittsburgh, Center for Social and Urban Research.

To learn more about UCSUR's survey research capabilities, programs, ongoing projects, and staff, visit our web site at:

<http://www.ucsur.pitt.edu>



University Center for Social and Urban Research

121 University Place

Pittsburgh, PA 15260

Telephone: 412-624-5442

Telefax: 412-624-4810

Email: ucsur@pitt.edu