UNIVERSITY CENTER FOR SOCIAL AND URBAN RESEARCH

ANNUAL REPORT
JULY 1, 2004 - JUNE 30, 2005

UNIVERSITY OF PITTSBURGH
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. In addition, 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) analyze qualitative data using state-of-the-art computer methods, including web-based studies; (4) obtain, format, and analyze spatial data; (5) acquire, manage, and analyze large secondary and administrative data sets including Census data; and (6) 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, post-doctoral, and junior faculty mentoring, teaching courses on research methods in the social sciences, and providing research internships to undergraduate and graduate 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 fields.

MESSAGE FROM THE DIRECTOR

I am pleased to share with you an update of activities and accomplishments of the Center for the academic year 2004-2005. 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. The Center continues to serve as the interdisciplinary crossroads for schools throughout the University and has become a major resource in mentoring and supporting the research careers of junior faculty and post-doctoral students.

During the current year, we pursued three important new initiatives: (1) We made a major addition to the research infrastructure of the Center by establishing a program in computerized qualitative data analysis under the direction of Dr. Stuart Shulman. Although we have always been strong in the collection, management, and analysis of highly structured data, this new program gives us the capacity to manage and analyze responses to open-ended verbal questions, written documents, and all forms of unstructured communications using state-of-the-art computer based methods. (2) We added a new research area to the Center on gender and work under the direction of Drs. Sabina Deitrick, Ralph Bangs, and Audrey Murrell. Along with other faculty throughout the University, this group will initially focus on gender-related wage disparities in the region. (3) In collaboration with the University of Pittsburgh’s Council on Aging and Institute on Aging, the Center was instrumental in creating a graduate Certificate Program in Gerontology, designed to expand the educational mission of the Center. This program is housed in the Center and involves all of the professional schools of the University. Although less than a year old, it has exceeded its enrollment goals more than twofold.

The Center remains committed to continued self-assessment and improvement, and we look to your guidance for shaping the future development of the Center.

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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 respondents’ 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
From biomedical, public health, and educational research, to the behavioral, computational, and social sciences and beyond, effective qualitative data analysis plays a critical role. Accurate and reliable coding using computers is central to the qualitative analysis process. For new and experienced researchers, learning advanced project management skills or even software basics adds hours of struggle in trial-and-error sessions.

Experienced coders can deliver the data you need in a timely and expert manner, without the struggle. For this reason, we have created the Qualitative Data Analysis Program (QDAP) as the newest program initiative at the University of Pittsburgh’s University Center for Social and Urban Research (UCSUR). Drawing on a unique blend of expertise in qualitative data analysis, ongoing collaboration with computer scientists, and several years of funded research, QDAP offers a rigorous approach to analyzing text and managing projects.

Value-Added Coding

We can code text from a wide variety of sources. Original material for analysis might include in-depth interviews, open-ended survey answers, field notes, transcripts from focus groups or Web logs (blogs), e-mails, Web site content, results from database searches (such as LexisNexis™), congressional testimony or other historical texts, and a host of other unstructured but digitized text data sets. QDAP employs only University of Pittsburgh graduate students and UCSUR professional staff trained in using ATLAS.ti (www.atlasti.com). ATLAS.ti is a PC-based workbench that supports project management, enables multiple coders to collaborate on a single project, and generates output that facilitates the analysis process.

Provide us with the raw data and your analytical vision. We will work with your research team to craft a plan with a tailored methodology designed to code the text for key concepts and relationships. This allows you to focus on the larger analytical questions while we quickly and reliably extract the data that you tell us you need to reach valid inferences.

We offer professional support for key project management tasks such as:

- Data preparation and cleaning
- Data management and storage
- Data distribution and unification
- Code development and testing
- Rater reliability reporting
- Results analysis and expression

QDAP will provide you with a team of trained coders and a graduate student or UCSUR staff project manager. We also work collaboratively with the qualitative research consultants at ResearchTalk Inc., preparing researchers and their students to be more fluent in the project life cycle using ATLAS.ti.

Reliable Observations of Phenomena

We offer a robust mix of existing and experimental tools, careful iterative techniques, and energetic, participatory training. Our goal is to work with researchers interested in generating studies with significant and accurately reported inter-rater agreement rates. QDAP’s professionally trained coders and project managers, in combination with UCSUR’s professional staff, will lend objectivity and external validity to your qualitative project.
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
- Gateway 7200 Pentium IV (3.2 GHZ) with 1 GB RAM
- 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
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 11 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 policymaker organizations in the region.
Pittsburgh Economic Quarterly

UCSUR continues to publish the Pittsburgh Economic Quarterly (PEQ) to support organizations and staff involved with economic development throughout the region. The goal of the 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 topics:

- Pittsburgh Female Labor Force Participation Rates
- Pittsburgh’s Housing Market
- Oakland Economy
- UCSUR’s Quality of Life Survey
- Migration and Mobility of Pittsburgh College Graduates
- Population Change in the Pittsburgh Region, 2000-2002
- Prescription Drug Coverage Among Allegheny County Seniors
- City of Pittsburgh’s Fiscal Conditions
- Benchmark Findings on Pittsburgh Region African Americans and Women
- Diversity Among Local Elected Officials
- Unionization Trends
- Services Needs of Allegheny County Elderly
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.
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, Qualitative Data Analysis Program, Urban and Regional Analysis Program, or Gerontology Program.

UCSUR’s interdisciplinary staff have 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
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.

**Qualitative Data Analysis Program (QDAP)**
*Stuart W. Shulman: Program Director*
Offers a rigorous approach to managing and analyzing text-based data, including data preparation and cleaning, data management and storage, data distribution and unification, code development and testing, rater reliability reporting, and results analysis and expression.

**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 analytic 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.
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.

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.

Awardees in 2005 were: Charlotte Brown, Associate Professor of Psychiatry and Faculty Affiliate, Center on Race and Social Problems; Bruce S. Ling, Assistant Professor of Medicine, Institute for Doctor-Patient Communication; Eva Marie Shivers, Assistant Professor, Psychology in Education-Applied Developmental Psychology, School of Education.

Awardees in 2004 were: Ellen Olshansky, Professor and Chair, Health and Community Systems, School of Nursing; Seung-Hyun Yoo, Research Assistant Professor, Behavioral and Community Health Sciences, Graduate School of Public Health; and Susan Zickmund, Assistant Professor, Department of Medicine.

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 Trauth, 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.

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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**
Research Specialist: Christopher Briem
Research Assistant: Monique Huggins

Survey Research
Director: Scott R. Beach
Research Associate: Donald Musa
Senior Research Specialists: Janet Schlarb, Stephen Strotmeyer
Web Development/Data Analyst: Robert Keene
Research Specialist: Christine Bottles
Fieldwork Coordinators: Lynda Connelly, Martha Garritano, Laurel Person, Olivia Wilson
Data Entry Specialists: Barbara Dughri, Olivia Kirsch

Qualitative Data Analysis
Director: Stuart W. Shulman

Gerontology
Program Director: Richard Schulz
Associate Program Director: Lynn Martire**
Associate Director, Geriatric Education Center: John Hennon
Project Coordinators/Assistants: Elaine Aivaliotis, Jennifer Bissell, Angela Dodds, Julie Klinger, Amy Lustig, Mary Parks, Karen Schmidt**
Systems Analysts/Statisticians: Kathleen McGinnis, Bozena Zdaniuk
Interviewers/Interventionists: Mary Alberth, Rhoda Dorfzaun, Sally Hostein

Generations Together
Journal Editor/Emeritus Director: Sally Newman

Environmental Decision Support
Program Director: Stephen C. Farber**
The following individuals serve as faculty associates, representing numerous schools, departments, institutes, and centers.

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<tr>
<th>Name</th>
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<td>Amy M. Kilbourne</td>
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<td>Guido K. Frank</td>
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</table>
Pennsylvania Boards Diversity
PI: Ralph Bangs, URA, UCSUR
Funders: Maurice Falk Medical Fund, Women’s Way
Period: 09/05-04/06

Pittsburgh Regional Analysis
PIs: Ralph Bangs, URA, UCSUR
Christopher Briem, URA, UCSUR
Funder: Pittsburgh Regional Alliance
Period: Ongoing

Access International Education Survey
PIs: Scott Beach, SRP, UCSUR
Wolfgang Schloer, UCIS
Funder: National Security Education Program
Period: 01/04-12/04

A National Study on the Future of Librarians in the Workforce
PIs: Scott Beach, SRP, UCSUR
Jose Marie-Griffiths, University of North Carolina-Chapel Hill
Donald King, University of North Carolina-Chapel Hill
Funder: Institute of Museum and Library Services
Period: 10/04–9/06

Annual National Association of Neuroscience Departments and Programs Web Survey
PIs: Scott Beach, SRP, UCSUR
Ed Stricker, Neuroscience
Funder: Assn of Neuroscience Departments and Programs
Period: 08/02-06/05

Biometric Survey: National Pilot Testing
PIs: Scott Beach, SRP, UCSUR
Lisa S. Nelson, GSPIA
Funder: National Science Foundation
Period: 2/04–1/05

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

Cognitive Impairment Related to Anastrozole Use in Women
PIs: Scott Beach, SRP, UCSUR
Catherine Bender, School of Nursing
Funder: National Institutes of Health
Period: 5/05–4/06

Determine the race and gender of appointed members of Pennsylvania State boards and commissions and determine the functions of the boards and types of payments to board members.

Regional impact studies of industries and firms. Assessment of investments on cost-benefit basis.

Web-based survey of U.S. colleges and universities regarding international education programs.

Web-based surveys of all public and academic libraries and samples of 6,000 school and special libraries (27,000 total surveys) focusing on staffing, budget, and other workforce issues.

Annual National Association of Neuroscience Departments and Programs (ANDP) web survey of neuroscience departments, focused on faculty, student, and curriculum characteristics.

National telephone survey to pilot test a survey instrument focusing on the general public’s perception regarding biometric technology and its use by government agencies.

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

UCSUR is assisting in the recruitment of healthy women between the ages of 18 and 65 suitable for intensive follow-up in a study of the effects of anastrozole on cognitive function.

*In alphabetical order by UCSUR PI
Communication and Barriers to Care in Veterans with Hepatitis C
Pls: Scott Beach, SRP, UCSUR
Susan Zickmund, VA Pittsburgh Healthcare System
Funder: Steven Manners Faculty Development Award
Period: 7/01–6/05

UCSUR is conducting telephone interviews focusing on relationships and interactions with health care providers with veterans receiving and not receiving treatment for hepatitis C.

Community Care Behavioral Health (CCBH)
Patient Satisfaction Surveys
Pls: Scott Beach, SRP, UCSUR
Janet Schlarb, SRP, UCSUR
James Schuster, CCBH
Funder: Community Care Behavioral Health
Period: 07/01-06/05

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
Pls: Scott Beach, SRP, UCSUR
Stephen Zupcic, Community/Govt Relations
John Wilds, Community/Govt Relations
Funder: Office of the Provost
Period: 07/01-12/05

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

Data Sensitivity Survey: National Pilot Testing
Pls: Scott Beach, SRP, UCSUR
Lisa Nelson, GSPIA
Funder: West Virginia University
Period: 6/04–9/04

National telephone survey to pilot test a survey instrument focusing on the general public’s perception regarding issues of private personal data and its use by government agencies.

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.

Frequent Hemodialysis Network
Quality of Life Core
Pls: Scott Beach, SRP, UCSUR
Mark Unruh, School of Medicine
Funder: National Institutes of Health
Period: 9/04–8/08

UCSUR is conducting quality of life interviews as part of a multi-site, randomized clinical trial comparing different methods of delivery of hemodialysis to end stage renal disease patients.

Hormone and Ovarian Cancer Prediction
Pls: Scott Beach, SRP, UCSUR
Roberta Ness, Epidemiology
Funder: National Institutes of Health
Period: 05/03-04/08

Recruitment of community control females between the ages 45-75 for a study of ovarian cancer.

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.
National Study of Users and Potential Users of Online Information
PIs: Scott Beach, SRP, UCSUR
Jose-Marie Griffiths, University of North Carolina-Chapel Hill
Donald King, University of North Carolina-Chapel Hill
Funder: Institute of Museum and Library Services
Period: 10/03–09/05

Pennsylvania Pharmacist Survey
PIs: Scott Beach, SRP, UCSUR
Denise Sokos, School of Pharmacy
Timothy George, School of Pharmacy
Funder: School of Pharmacy
Period: 7/04–6/05

Peripheral Blood Stem Cells vs. Marrow Donor Quality of Life Surveys
PIs: Scott Beach, SRP, UCSUR
Galen Switzer, Medicine
Mary Amanda Dew, Psychiatry
Funder: National Marrow Donor Program
Period: 01/04–12/07

Political Culture Survey
PIs: Scott Beach, SRP, UCSUR
David Barker, Political Science Department
Chris Carman Political Science Department
Funder: Political Science Department
Period: 9/04–2/05

Scaling Up Mathematics Project
PIs: Scott Beach, SRP, UCSUR
Mary Kay Stein, LRDC
Funder: National Science Foundation
Period: 1/05–12/06

School of Information Science Alumni and Student Surveys
PIs: Scott Beach, SRP, UCSUR
Susan Alman, School of Information Sciences
Funder: School of Information Sciences
Period: 3/05–10/05

Study of Writing in the Undergraduate Curriculum, University of Pittsburgh
PIs: Scott Beach, SRP, UCSUR
David Bartholomae, English Department
Elizabeth Matway, English Department
Funder: Office of the Provost, English Department
Period: 7/01–6/05

National telephone household survey focusing on a variety of issues related to needs for and use of online information.

UCSUR assisted the School of Pharmacy with a mailed survey to independent pharmacists regarding their opinions about a new Pennsylvania law allowing them to administer immunizations.

A series of telephone follow-up surveys focusing on quality of life issues as part of a randomized clinical trial comparing peripheral blood stem cell vs. bone marrow donation.

UCSUR assisted with a national web survey in nine major metropolitan areas in the United States (using a national web panel), focused on issues surrounding political ideology and culture.

UCSUR assisted LRDC in the conduct of surveys of elementary school mathematics teachers in Phoenix, AZ and New York, NY focusing on issues related to curriculum and teaching environment.

UCSUR assisted the School of Information Sciences with web-based surveys of alumni and current students focusing on issues related to the quality of education received and impact on job placement and satisfaction.

UCSUR conducted a web-based survey of a representative sample of University of Pittsburgh undergraduates focusing on their experiences with writing as a part of their undergraduate education.
UCSUR assisted the Department of Economics with a web-based survey of local steel supplier firms regarding their ties to the Pittsburgh region.

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

Telephone survey of University of Pittsburgh undergraduates regarding their awareness of student radio station WPTS and listening habits.

Telephone surveys of former participants of the Youth Works jobs program for adolescents focusing on their education, career plans, and employment history.

Demonstrate the capacity of the prototype IISIS, using a range of relevant modules, to provide integrated decision support to practicing managers operating in regions exposed to risk. The IISIS prototype provides real-time decision support to enable practicing managers at different locations to make timely, informed decisions to protect their communities.

Study to design and develop an improved set of interdisciplinary models to address the complex problem of disruption of a selected transportation system.
P R O J E C T S . . . C O N T I N U E D

PNC Park Exercise, IISIS/DMIS Demonstration, City of Pittsburgh
PIs: Louise Comfort, EDS, UCSUR
Panos Chrysanthis, Computer Science
Funder: Mountaintop Technologies, Inc.
Period: 07/04-01/05

Secure CITI: Secure Critical Information Technology Infrastructure
PIs: Louise Comfort, EDS, UCSUR
Daniel Mosse, Computer Science
Rami Melhem, Computer Science
Funder: National Science Foundation
Period: 09/03-09/08

Allegheny County Comprehensive Plan
PI: Sabina Deitrick, URA, UCSUR
Funder: McCormick Taylor (from Allegheny County Department of Economic Development)
Period: 04/05-12/06

Neighborhood and Community Database and Website for Pittsburgh and Allegheny County
PI: Sabina Deitrick, URA, UCSUR
Funder: PNC Foundation
Period: 07/03-12/04

Pittsburgh Cancer Institute Regional Impact Analysis
PI: Sabina Deitrick, URA, UCSUR;
Funder: University of Pittsburgh Cancer Institute
Period: 06/04-05/05

Women in the Workforce Project: Analyzing Pittsburgh Gender Earnings Gap
PIs: Sabina Deitrick, URA, UCSUR
Susan Hansen, Political Science
Funder: Heinz Endowments
Period: 04/05-03/06

GIS Mapping for PA Cleanways
PI: Stephen Farber, EDS, UCSUR
Funder: PA Cleanways
Period: 01/05-05/05

Conceptual Issues in the Dissemination and Reception of Genomics
PIs: Paul Griffiths, History and Philosophy of Science
Karola Stotz, History and Philosophy of Science
Funder: National Science Foundation
Period: 09/03-08/04

Collaborative effort with Mountaintop Technologies to participate in the PNC Park Exercise to conduct an Interactive, Intelligent, Spatial Information System (IISIS) / Disaster Management Information System (DMIS) demonstration for the City of Pittsburgh.

Collaborative effort with Carnegie Mellon University, George Washington University, and the University of California-Berkeley to support research to develop a program to address inter-organizational coordination in extreme events.

Preparing demographic, housing, and economic baseline studies and forecasts for the Allegheny County Comprehensive Plan.

Enhance and expand access to data and information to help Pittsburgh and Allegheny County residents, organizations, and governments improve their communities.

Estimate the impact of the University of Pittsburgh Cancer Institute on the regional economy using the REMI Model.

Analyzing explanations for the gender wage gap in the Pittsburgh Metropolitan Area compared to the largest 100 MSAs in the nation.

Provide GIS mapping services for illegal dumping sites in Pennsylvania.

Collaborative research with ESRC Center for Genomics in Society at the University of Exeter, UK on the interaction between conceptualizations of genetic elements in contemporary genomic research, as examined in previous research by the PIs, and the process by which the results of genomics are disseminated to wide audiences.
Evaluating the Nature of Alzheimer’s Communication Triads (ENACT)
*PIs: Jennifer Hagerty Lingler, Gerontology, UCSUR
Richard Schulz, Gerontology, UCSUR
Funder: University of Pittsburgh Institute for Doctor-Patient Communication
Period: 02/05-01/06*

Characterize the process and correlates of interpersonal communication among patients with Alzheimer’s disease, their family caregivers, and primary care providers.

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

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

Relationships in Late-Life Mood Disorder Project (RELATE)
*PIs: Lynn Martire, Gerontology, UCSUR
Richard Schulz, Gerontology, UCSUR
Funder: National Institute of Mental Health
Period: 12/02-11/07*

The aims of this research are to: (1) examine the effects of patient adherence and depression recurrence during maintenance treatment on caregiver attitudes, burden, and psychiatric symptomatology; (2) examine the effects of caregiver factors on treatment adherence and depression recurrence in late-life patients; and (3) evaluate the feasibility and efficacy of a psychoeducational intervention for adult child caregivers to older depressed adults.

Self Care: Comparison of African Americans and Whites
*PIs: Donald Musa, SRP, UCSUR
Myrna Silverman, Graduate School of Public Health
Funder: National Institute on Aging
Period: 09/00-08/06*

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

Journal of Intergenerational Relationships: Programs, Policy and Research (Revised Title of IPQJ)
*PI: Sally Newman, UCSUR
Funder: Office of the Provost for Research
Period: 01/04-12/04*

Support for editorial assistance related to the preparation of the international quarterly, Journal of Intergenerational Relationships: Programs, Policy and Research, published by the Haworth Press.

Psychosocial Health and Facial Nerve Disorder
*PI: Karen Schmidt, Gerontology, UCSUR
Funder: National Institutes of Health
Period: 07/03-06/08*

Investigate symptoms of depression and anxiety and psychosocial health in general in patients with facial paralysis or movement disorder caused by disorders of the facial nerve.

Aging Well, Sleeping Efficiently: Intervention Studies, Project 2
*PIs: Richard Schulz, Gerontology, UCSUR
Martica Hall, Psychiatry
Timothy Monk, Psychiatry
Funder: National Institute on Aging
Period: 12/02-11/07*

This project is concerned with spousal caregivers age 65 and over of early Alzheimer’s disease patients and an intervention designed to enhance their sleep and reduce the stress of caregiving.
Cancer and Aging Center
Pls: Richard Schulz, Gerontology, UCSUR
Ronald B. Herberman, University of Pittsburgh
Cancer Institute
Funder: National Institutes of Health
Period: 09/03-08/08

Focus on the psychosocial impact of cancer on patients and families as well as psychobiological processes that mediate response to the stresses of cancer.

Caregiver Intervention for Caregivers of Spinal Cord Injury Patients
Pls: Richard Schulz, Gerontology, UCSUR
Lynn Martire, Gerontology, UCSUR
Funder: National Institute of Nursing Research
Period: 09/02-05/07

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.

Center of Excellence in Partnerships for Community Outreach: Research and Training Project EXPORT
Pls: 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
Pls: Richard Schulz, Gerontology, UCSUR
Gail Williamson, University of Georgia
Funder: National Institute on Aging
Period: 09/02-07/07

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

Geriatric Education Center of Pennsylvania
Pl: Richard Schulz, Gerontology, UCSUR
Funder: Health Resources and Services Administration
Period: 07/02--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.

Pittsburgh Claude D. Pepper Older Americans Independence Center
Pls: Richard Schulz, Gerontology, UCSUR
Stephanie Studenski, Medicine
Funder: National Institute on Aging
Period: 09/04-05/09

Develop interventions to improve function and independence in older adults with balance disorders, integrate studies of physiologic, biomechanical and psychosocial mechanisms affecting balance with clinical studies, and foster multi-disciplinary research and research training.

Psychiatric and Physical Health Effects of Caregiving
Pl: Richard Schulz, Gerontology, UCSUR
Funder: National Institute of Mental Health
Period: 06/97-05/05

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  
Funders: National Institute on Aging  
Period: 09/02-08/06  

Coordinating Center for Enhancing Alzheimer’s Disease and Related Disorders (ADRD) Caregiving. The goal of this cooperative agreement is to establish a coordinating center for intervention studies designed to enhance family caregiving for ADRD.  

Update literatures relevant to religion, caregiving, and bereavement; write comprehensive literature reviews in this area; anticipate new hypotheses to emerge in the course of this project that will lead to additional analytic work and empirical papers.

Religious/Spirituality, Health, and Health Services  
PIs: Richard Schulz, Gerontology, UCSUR  
Randy Hebert, Medicine  
Funder: Alzheimer’s Association  
Period: 09/04-08/06  

Focus on the social, psychological, and behavioral factors relevant to understanding the interactive nature of physical illness and depression in late life.

The Advanced Center for Intervention and Services Research, Research Methods Core  
PIs: Richard Schulz, Gerontology, UCSUR  
Lynn Martire, Gerontology, UCSUR  
Charles F. Reynolds III, Psychiatry  
Funder: National Institute of Mental Health  
Period: 04/05-04/10  

Focus on the impact and development of new language technologies tailored to the electronic rulemaking tasks of the federal government.

Data Management and Statistical Resources Core: Pittsburgh Mind Body Center II  
PIs: Richard Schulz, Gerontology, UCSUR  
Karen Matthews, Psychiatry  
Funder: National Heart, Lung and Blood Institute  
Period: 09/04-08/09  

Focus on the efficacy of service-learning as a bridge to the digital divide.

Language Processing Technology for Electronic Rulemaking  
PI: Stuart W. Shulman, QDAP, UCSUR  
Funder: National Science Foundation  
Period: 11/04-10/08  

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.

Digital Citizenship  
PI: Stuart W. Shulman, QDAP, UCSUR  
Funder: National Science Foundation  
Period: 11/04-10/05  

Comprehension Impairment  
PI: Connie Tompkins, Gerontology, UCSUR  
Funder: National Institutes of Health  
Period: 09/99-11/06  

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.


J O U R N A L S


Schulz, R., Guest Editor (2005). Dementia care and quality of life in assisted living and nursing homes. The Gerontologist, 45 (Special Issue 1).


Deitrick, S., & Soska, T. (2005). The University and the Oakland neighborhood: From conflict to cooperation, or how the 800 pound gorilla learned to sit with — and not on — its neighbors (Chapter 2). In D. Perry and W. Wiewel (Eds.). The university as urban developer: Case studies and analysis. Armonk, NY: M.E. Sharpe.


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