

annual report july 1, 2006–june 30, 2007



University Center for Social and Urban Research

UCSUR

University Center for
Social and Urban Research

Annual Report July 1, 2006–June 30, 2007

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Who We Are

University Center for Social and Urban Research

The University Center for Social and Urban Research (UCSUR) was established in 1972 to serve as a resource for researchers and educators interested in the basic and applied social and behavioral sciences. As a hub for interdisciplinary research and collaboration, UCSUR promotes a research agenda focused on the social, economic, and health issues most relevant to our society. 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 by mentoring graduate students, post-doctoral students, and junior faculty, 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



Richard Schulz

I am pleased to share with you an update of activities and accomplishments of the Center for the academic year 2006-2007. 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. More than 60 research projects involving most of the schools of the University have been carried out, and several dozen graduate students, post-doctoral fellows, and junior faculty have been mentored by Center staff. Finally, the Center had an impressive record of academic achievement this year, including more than 70 peer-reviewed journal publications and 18 book chapters. Center staff also edited the *Encyclopedia of Aging*, 4th edition.

Two years ago, we launched several new initiatives, including a program in computerized qualitative data analysis, which I'm pleased to report has become a major success within the University. More than a dozen projects that use these services are under way. The Graduate Certificate

Program in Gerontology also has exceeded our expectations in terms of enrollment and scope. A specialty track in mental health and aging is being developed. Our multi-disciplinary research program on human suffering continues to expand, with new external grant support and the addition of a post-doctoral fellow to the research team. The Center remains committed to continued self-assessment and improvement, and we look to your input and 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 members 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

The SRP staff provides 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 appropriate samples. Examples of the types of samples provided include the following.

- **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 is available for any region of the United States.
- **Targeted/listed samples:** samples to reach specific subgroups or rare populations. These are useful for telephone recruitment of participants for larger studies. They also are used for supplementing RDD samples with oversamples of rare populations.

Data Collection Methodology

SRP staff can provide the following:

- Advice on the most productive and cost-effective methods 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, establishing recommended number of attempts to contact respondents, securing initial cooperation, following up on incomplete interviews, converting refusals into acceptances, and using mixed-mode designs.

Questionnaire Development

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

- Writing, formatting, and ordering questions.
- Asking sensitive questions.
- Pre-testing an instrument.



Interviewing and Data Collection

SRP conducts local, regional, and national telephone and mail surveys with general and special populations, as well as in-person surveys in southwestern Pennsylvania. SRP also conducts Internet/Web-based surveys.

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

Interviewer training and quality

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

Computer-assisted telephone

interviewing: A 32-line phone bank at UCSUR is dedicated to a computer-assisted telephone interviewing (CATI) system. Interviewers read questions as they appear on screen and enter respondents' answers directly into the computer. CATI allows automatic handling of complex question contingencies, sample management, and call scheduling.

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-and-pencil methodology, mail surveys, and in-person surveys in southwestern Pennsylvania are also available.

Data Management

Using a variety of computer programs, languages, database-management software, and operating systems, SRP staff members are available to perform a number of data-management functions, including database development, editing, coding, and survey data processing. The SRP staff also has 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 the following:

- 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 members have experience in the production of a variety of reports.

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

Qualitative Data Analysis

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 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:

- Focus groups and interviews
- Audio transcription
- Data preparation, cleaning, and management
- Codebook development and testing
- Online coding adjudication
- Rater reliability and validity 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.

What We Do: Center Resources, continued

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.

Geographic Information Systems and Visual Analytics Program

Geographic Information Services

A Geographic Information System (GIS) is an information system designed to work with data referenced by spatial or geographic coordinates. GIS technology has proven to be invaluable in many areas of application, including municipal and federal government operations, health care, business management, and the social and natural sciences. It is a complex technology with many subtle nuances and requires considerable training, tools, and experience to fully exploit.

Visual Analytics

Visual Analytics (VA) is the use of graphical, image, and other pictographic techniques to display and navigate large sets of data for the purpose of discovering relationships among the data. Analysts are quickly overwhelmed by large listings or tables of data. Through visualization techniques, millions of data points can be summarized in displays such as dashboards, maps, and diagrams. Color, size, position, orientation, and other features are used to represent characteristics of the data. Specialized tools have been developed to highlight relationships and changes in relationships. Anomalies are

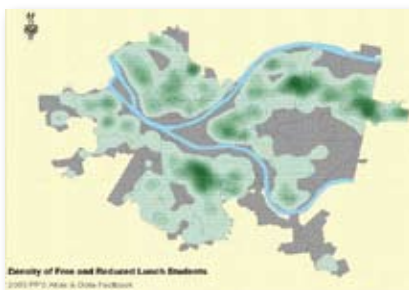
easily detectable. Real time and varying data can be shown by animation.

Services Provided

- GIS needs analysis
- GIS design and implementation
- Custom GIS programming
- Digital spatial database design, development, and maintenance
- Network analysis
- Global positioning systems
- Web-based systems
- Spatial and simulation modeling
- Integration of artificial intelligence techniques
- Consulting
- Training
- Education
- Satellite and aerial imagery
- System integration
- Real-time GIS

Experience

UCSUR has decades of experience in applying GIS technology to many situations. Our efforts have consistently withstood the test of time and post-project scrutiny. Refer to our Web site for specific examples: www.ucsur.pitt.edu



Sample analytic map showing where impoverished students reside.

Regional Economic Analysis

UCSUR studies major economic and demographic trends in the Pittsburgh region in the national context. The policy consequences of such 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. The capability to forecast future regional economic conditions and con-

duct 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. The model enables us to analyze economic and demographic impacts across southwestern Pennsylvania. Recently, the REMI model was used for projects for the University of Pittsburgh Cancer Institute, Allegheny Places—The Allegheny County Comprehensive Plan, and the Taxpayer Return on Investment in Pennsylvania Public Libraries Study.

Support of the Southwestern Planning Commission

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 the project because of its extensive demographic modeling capability. The UCSUR staff provides technical and research consulting to SPC to aid its use of the REMI model and production of as accurate a forecast as is possible for the region. The SPC needs the baseline forecasts and the REMI model to evaluate a range of transportation projects for the region and decide on funding priorities. The SPC also is required by federal mandate to provide 30-year projections of population and employment to the Department of Transportation as part of its 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 nationally and lo-



cally, the ability to attract new businesses is becoming 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.

Pittsburgh Economic Quarterly

UCSUR continues to publish *Pittsburgh Economic Quarterly* (PEQ) to support organizations and staff involved with economic development throughout the region. The goal of 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. PEQ has had significant positive response and has filled a major need in the region for ongoing study of current economic trends. Recent issues of PEQ addressed these key topics:

- Allegheny County demographic and housing trends
- Pennsylvania population changes and reapportionment
- Pittsburgh's foreign-born population
- Latino immigration
- Recent migration trends in Pittsburgh
- The roots of Pittsburgh's financial crisis
- Prime opportunities for minority contracting
- Suppliers to the steel industry
- Daytime population in the City of Pittsburgh
- Neighborhood characteristics and satisfaction in Allegheny County
- REMI forecast for the Pittsburgh region
- Trends in property tax revenue
- Highlights from the American Housing Survey

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. The research is reported through a number of venues, including research reports and newsletters, such as PEQ.

What We Do: Center Resources, continued

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. The information is available to the academic community and to the general public.

The data-acquisition and management services UCSUR provides include the following:

- Assistance for individuals and organizations interested in acquiring secondary data stored at UCSUR
- 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

Program Evaluation Services

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, the 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 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 the following:

- 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 the following:



Geographic Information Systems and Visual Analytics Program

Program Director:
Ken Sochats

Provides analytical services relating to mapping and visual display. Program staff has expertise in creating sophisticated maps and analyzing and mining extremely large databases. The staff has expertise in applying these techniques to a wide variety of disciplines, including education, medicine and health, crime, and emergency management.

Gerontology

Program Director:
Richard Schulz

Associate Program Director:
Lynn Martire

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

Qualitative Data Analysis Program (QDAP)

Program Director:
Stuart W. Shulman

Offers a rigorous approach to focus groups and interviews; audio transcriptions; data preparation, cleaning, and management; codebook development and testing; online coding adjudication; rater reliability and validity reporting; and results analysis and expression.

Survey Research Program (SRP)

Program Director:
Scott Beach

Maintains a highly experienced staff of survey professionals, trained interviewers, and data-management specialists. Survey Research Program (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

Co-Program Director:
Ralph L. Bangs

Co-Program Director:
Sabina Deitrick

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

Faculty Development Awards



Steven D. Manners

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 as much as \$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.

2007 awardees: Patricia Isabel Documet, assistant professor, Behavioral and Community Health Sciences; Jeffrey Shook and Michael Vaughn, assistant professors, School of Social Work

2006 awardees: Shanti Gamper-Rabindran and Aaron Swoboda, assistant professors, Graduate School of Public and International Affairs; Larissa Myaskovsky, core faculty, VA Pittsburgh Healthcare System

2005 awardees: Charlotte Brown, associate professor, Center on Race and

Social Problems; Bruce S. Ling, assistant professor, Institute for Doctor-Patient Communication; Eva Marie Shivers, assistant professor, School of Education

2004 awardees: Ellen Olshansky, professor, School of Nursing; Seung-Hyun Yoo, research assistant professor, Graduate School of Public Health; Susan Zickmund, assistant professor, Department of Medicine

Because of the large number of 2003 applications, UCSUR funded six awards. 2003 awardees: 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; Jeannette Trauth, assistant professor, Graduate School of Public Health

2002 awardees: Maureen Porter, assistant professor, Administrative and Policy Studies; Scott F. Kiesling, assistant professor, Linguistics

2001 awardees: Miriam Hertz, assistant professor, Health Information Management/Rehabilitation Science and Technology; and Paul E. Griffiths, professor, History and Philosophy

Board of Visitors

Michael A. Bryson

Chair, UCSUR's Board of Visitors
Mellon Financial Corporation
Pittsburgh, PA

Anderson Dodd Smith, PhD

Georgia Institute of Technology
Atlanta, GA

Earl F. Hord

University of Pittsburgh Board of
Trustees
Pittsburgh, PA

James House, PhD

ISR, University of Michigan
Ann Arbor, MI

Larry C. Ledebur, PhD

Cleveland State University
Cleveland, OH

Cynthia L. Roth

Vice Chancellor, University of
Pittsburgh
Pittsburgh, PA

Core Staff

Administration

Director:

Richard Schulz

Business Manager:

Greg Six

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

Survey Research

Program 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

Dana Killmeyer

Olivia Wilson

Data Entry Specialists:

Barbara Dughri

Olivia Kirsch

Qualitative Data Analysis

Program Director:

Stuart W. Shulman

Program Assistant Director:

Laurel Person Mecca

Research Assistant:

Brianna Stauffer

Gerontology

Program Director:

Richard Schulz

Associate Program Director:

Lynn Martire*

Associate Program Director,

Geriatric Education Center:

John Hennon

Project Coordinators/Assistants:

Sarah Aerni

Katie Acerni

Elaine Aivaliotis

Jennifer Bissell

Angela Dodds

April Kane

Julie Klinger

Karen Schmidt*

Systems Analyst/Statistician:

Bozena Zdaniuk

Interviewer/Interventionist:

Sally Hostein

Generations Together

Journal Editor/Emeritus Director:

Sally Newman

Geographic Information Systems and Visual Analytics Program

Program Director:

Ken Sochats*

** 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	Anesthesiology	James D. Luketich	Graduate School of Public and International Affairs	Pouran Famili	Periodontics
Lakshmiipathi Chelluri	Anesthesiology	David Y. Miller	Graduate School of Public and International Affairs	Teresa Donegan	Pharmacy
Carl A. Sirio	Anesthesiology	Clyde Mitchell-Weaver	Graduate School of Public and International Affairs	Bobbie Farrah	Pharmacy
John P. Williams	Anesthesiology	Elsie R. Broussard	Graduate School of Public Health	Jessie VanSwearingen	Physical Therapy
Frank S. McGlynn	Anthropology	Howard B. Degenholtz	Graduate School of Public Health	Susan Hansen	Political Science
Hugo Nutini	Anthropology	Judith R. Lave	Graduate School of Public Health	John Hurwitz	International Affairs
Richard Scaglione	Anthropology	Beaufort B. Longest Jr.	Graduate School of Public Health	Patricia Beeson	Provost Office
Mark Redfern	Bioengineering	Sandra J. Quinn	Graduate School of Public Health	Jack L. Daniel	Provost Office
Gary M. Marsh	Biostatistics	Ravi Sharma	Graduate School of Public Health	Boris Birmaher	Psychiatry
William R. Love	Business Information Systems	Myrna Silverman	Graduate School of Public Health	David Brent	Psychiatry
Stanley J. Kabala	Center for Environmental Research and Education	Stephen Thomas	Graduate School of Public Health	Charlotte Brown	Psychiatry
Amy M. Kilbourne	Center for Research on Health Care	Seymour Drescher	History	Tammy Chung	Psychiatry
Alberta Sbragia	Center for Western European Studies	Laurence A. Glasco	History	Ronald Dahl	Psychiatry
Nicholas F. Jones	Classics	Edward K. Muller	History	Mary Amanda Dew	Psychiatry
Mary L. Marazita	Cleft Palate-Craniofacial Center	Fritz Ringer	History	Linda J. Ewing	Psychiatry
Frank A. Ghinassi	Clinical Administration	Lisa S. Parker	Human Genetics	Martica Hall	Psychiatry
Susan Kinsey	College of General Studies	Anthony J. Silvestre	Infectious Diseases/Microbiology	Robert S. Marin	Psychiatry
Christine A. Dollaghan	Communication Science and Disorders	Susan Alman	Information Sciences	Lynn Martire	Psychiatry
Catherine V. Palmer	Communication Science and Disorders	Hassan Karimia	Information Sciences	Karen A. Matthews	Psychiatry
Connie A. Tompkins	Communication Science and Disorders	Stuart W. Shulman	Information Sciences	Timothy Monk	Psychiatry
J. Scott Yaruss	Communication Science and Disorders	Terri Miller	Institute of Politics	Lisa A. Morrow	Psychiatry
Vincenne A. Waxwood	Communications	Brian Butler	Katz Graduate School of Business	Rick Morycz	Psychiatry
John Wilds	Community/Government Relations	Christine Kush	Katz Graduate School of Business	Benoit H. Mulsant	Psychiatry
Stephen Zupic	Community/Government Relations	Carrie R. Leana	Katz Graduate School of Business	Edward P. Mulvey	Psychiatry
Bruce Buchanan	Computer Science/Intelligent Systems	Marick F. Masters	Katz Graduate School of Business	Herbert L. Needleman	Psychiatry
Rami Melhem	Computer Science	Robert Nachtmann	Katz Graduate School of Business	Vishwajit Nimgaonkar	Psychiatry
Daniel Mosse	Computer Science	John E. Prescott	Katz Graduate School of Business	Neal Ryan	Psychiatry
Taieb Znati	Computer Science	Ronald A. Brand	Law	Bruce Pollock	Psychiatry
Walter Antonio Bretz	Dental Medicine	Vivian Curran	Law	Charles F. Reynolds III	Psychiatry
John M. Close	Dental Medicine	Lawrence A. Frolik	Law	Ihsan M. Salloum	Psychiatry
James Guggenheimer	Dental Medicine	David Herring	Law	Karen Schmidt	Psychiatry
Titus Schleyer	Dental Medicine	Alan Meisel	Law	Magda Stouthamer-Loeber	Psychiatry
Jon B. Suzuki	Dental Medicine	Mary Kay Stein	Learning Research and Development Center	Kenneth S. Thompson	Psychiatry
Robert Weyant	Dental Medicine	James M. Roberts	Agee-Womens Research Institute	Martin Greenberg	Psychology
Frank Giarratani	Economics	Derek C. Angus	Medicine	Christina Groark	Psychology
Gene Gruver	Economics	Robert M. Arnold	Medicine	Thomas W. Kamarck	Psychology
Louis A. Chandler	Education	Cindy L. Bryce	Medicine	William Klein	Psychology
Mary Duquin	Education	Robert Cook	Medicine	John Levine	Psychology
Helen Ezell	Education	Michael Fine	Medicine	David Marsh	Psychology-Greensburg
Carl I. Fertman	Education	Cynthia Gadd	Medicine	Robert McCall	Psychology
Meryl K. Lazar	Education	Randy Hebert	Medicine	Daniel Shaw	Psychology
Steven R. Lyon	Education	John Kellum Jr.	Medicine	Steven E. Stern	Psychology-Johnstown
Robert Nelkin	Education	Chyongchiou J. Lin	Medicine	Nancy Condee	Slavic Languages and Literatures
Claudia M. Pagliaro	Education	Anne B. Newman	Medicine	Vladimir Padunov	Slavic Languages and Literatures
Maureen Porter	Education	Edward Post	Medicine	Larry E. Davis	Social Work
Alice M. Scales	Education	P. Sudhakar Reddy	Medicine	Rafael J. Engel	Social Work
Neil H. Timm	Education	Eric Rodriguez	Medicine	Katie Greeno	Social Work
Sekai Turner	Education	Robert E. Schoen	Medicine	Lambert Maguire	Social Work
Joan I. Vondra	Education	Rakesh Sindhi	Medicine	Helen Petracchi	Social Work
Vince N. Mosesso Jr.	Emergency Medicine	Stephanie Studenski	Medicine	Esther Sales	Social Work
Paul M. Paris	Emergency Medicine	Galen Switzer	Medicine	Edward W. Sites	Social Work
Christopher J. Earls	Engineering	Mark Unruh	Medicine	Tracy M. Soska	Social Work
Ronald D. Neufeld	Engineering	Debra K. Weiner	Medicine	Hide Yamatani	Social Work
Eric O. Clarke	English	Andrew N. Weintraub	Music	Kathleen M. Blee	Sociology
Marcia Landy	English	Catherine Bender	Nursing	Lisa D. Brush	Sociology
Joseph J. Schwerha	Environmental/Occupational Health	Rose E. Constantino	Nursing	Patrick Doreian	Sociology
Steven Belle	Epidemiology	Willa M. Doswell	Nursing	Akiko Hashimoto	Sociology
Joyce T. Bromberger	Epidemiology	Judith A. Erlen	Nursing	James D. Luketich	Surgery
Jane A. Cauley	Epidemiology	Julia Ann Greenawalt	Nursing	Ron Shapiro	Surgery
Andrea Kriska	Epidemiology	Judith Talbott Matthews	Nursing	Attilio Favorini	Theatre Arts
Roberta Ness	Epidemiology	Ann M. Mitchell	Nursing	William I. Brustein	University Center for International Studies
Joel L. Weissfeld	Epidemiology	Elizabeth A. Schlenk	Nursing	Ronald B. Herberman	University of Pittsburgh Cancer Institute
Jonathon Erlen	Falk Library/Public Health	Joan C. Rogers	Occupational Therapy	Carolyn J. Carson	Urban Studies Program
Valerie Grash	Fine Arts	James J. Irrgang	Orthopedic Surgery	Guido K. Frank	Western Psychiatric Institute and Clinic
Yves Clitton	French and Italian	Bruce S. Rabin	Pathology		
William B. Kory	Geography	Parmjeet Randhawa	Pathology		
Siddharth Chandra	Graduate School of Public and International Affairs	Melanie A. Gold	Pediatrics		
Louise Comfort	Graduate School of Public and International Affairs	Raymond Davis Pitetti	Pediatrics		
Phyllis Coontz	Graduate School of Public and International Affairs	Abhay Vats	Pediatrics		
Sabina Deitrick	Graduate School of Public and International Affairs	Selma F. Witche	Pediatrics		
Stephen Farber	Graduate School of Public and International Affairs				
Leon L. Haley	Graduate School of Public and International Affairs				

Projects*

Diversity Among Pennsylvania State Boards

Principal

Investigator: Ralph Bangs, *URA, UCSUR*

Funders: Women and Girls Foundation
Maurice Falk Fund
Women's Way

Period: September 2005–August 2006

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.

Evaluation of the Pittsburgh Homeownership Initiative

Principal

Investigator: Ralph Bangs, *URA, UCSUR*

Funder: Educational Data Systems Inc.

Period: October 2004–December 2007

Determine the employment and homeownership effects of a tiered employment and homeowner-ship program for public housing residents.

Pittsburgh Regional Analysis

Principal

Investigators: Ralph Bangs, *URA, UCSUR*
Christopher Briem, *URA, UCSUR*

Funder: Pittsburgh Regional Alliance

Period: Ongoing

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

A National Study on the Future of Librarians in the Workforce

Principal

Investigators: Scott Beach, *SRP, UCSUR*

Jose Marie-Griffiths, *University of North Carolina at Chapel Hill*

Donald King, *University of North Carolina at Chapel Hill*

Funder: Institute of Museum and Library Services

Period: October 2004–September 2006

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.

Affect and Adolescent Brain Maturation Project

Principal

Investigators: Scott Beach, *SRP, UCSUR*

Ronald Dahl, *Department of Psychiatry*

Funder: National Institutes of Health

Period: September 2005–December 2006

Assist in the recruitment of control families with 8- to 17-year-old adolescents for a study focusing on developmental shifts in emotional processing.

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

Principal

Investigators: Scott Beach, *SRP, UCSUR*

Boris Birmaher, *Department of Psychiatry*

Funder: National Institutes of Health

Period: April 2001–December 2006

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.

Colorectal Cancer Self-Affirmation Study

Principal

Investigators: Scott Beach, *SRP, UCSUR*

William Klein, *Department of Psychology*

Funder: Department of Psychology

Period: February 2007–June 2007

Telephone recruitment of 180 50- to 75-year-olds with no history of cancer and who are not up-to-date on colorectal cancer screening guidelines for a study of self-affirmation and cancer screening behavior.

Community Service Database Project

Principal

Investigators: Scott Beach, *SRP, UCSUR*

Stephen Zupcic, *Community/Government Relations*

John Wilds, *Community/Government Relations*

Funder: Office of the Provost

Period: July 2001–June 2008

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

Course of Alcohol and Drug Problems in Treated Teens

Principal

Investigators: Scott Beach, *SRP, UCSUR*

Tammy Chung, *Department of Psychiatry*

Funder: National Institutes of Health

Period: May 2005–February 2007

Assist in the recruitment of control families with 14- to 18-year-old adolescents for a study focusing on how adolescent substance use changes over time.

*In alphabetical order by UCSUR principal investigator

Projects, continued

Depression Stigma, Race, and Mental Health Treatment Seeking and Attitudes

Principal

Investigators: Scott Beach, *SRP, UCSUR*
Charlotte Brown, *Department of Psychiatry*

Funder: D. Manners Faculty
Development Award, UCSUR
School of Social Work
Late Life Mood Disorders Study, WPIC

Period: July 2006–June 2007

Random digit dial telephone interviews with 450 Allegheny County residents exhibiting moderate levels of depression to examine the relationships between perceived stigma regarding depression and treatment-related behaviors and attitudes. The study focused on younger versus older and African American versus non-African American residents.

Ethnicity and Culture in Unrelated Stem Cell Donation

Principal

Investigators: Scott Beach, *SRP, UCSUR*
Galen Switzer, *School of Medicine*

Funder: National Institutes of Health

Period: April 2006–March 2010

Conduct telephone surveys of stem cell donors to determine the role of ethnic and cultural factors on donor-related outcomes.

Frequent Hemodialysis Network Quality of Life Core

Principal

Investigators: Scott Beach, *SRP, UCSUR*
Mark Unruh, *School of Medicine*

Funder: National Institutes of Health

Period: September 2004–August 2008

Conduct quality-of-life interviews as part of a multisite, randomized clinical trial comparing different methods of delivery of hemodialysis to patients with end-stage renal disease.

Genetic Susceptibility to Schizophrenia

Principal

Investigators: Scott Beach, *SRP, UCSUR*
Vishwajit Nimgaonkar, *Department of Psychiatry*

Funder: National Institutes of Health

Period: November 2005–August 2006

Assist in the recruitment of healthy control adults for a study of genetic factors in schizophrenia.

Hormone and Ovarian Cancer Prediction

Principal

Investigators: Scott Beach, *SRP, UCSUR*
Roberta Ness, *Department of Epidemiology*

Funder: National Institutes of Health

Period: May 2003–April 2008

Recruitment of community control females age 25 and older for a study of ovarian cancer.

Impact Study

Principal

Investigators: Scott Beach, *SRP, UCSUR*
David Brent, *Department of Psychiatry*

Funder: National Institute of Mental Health

Period: August 2002–July 2007

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

Kidney Transplant Decisionmaking Pilot Study

Principal

Investigators: Scott Beach, *SRP, UCSUR*
Larissa Myascovsky, *Pittsburgh VA Healthcare System*

Funder: Steven D. Manners Faculty
Development Award, UCSUR
Pittsburgh VA Healthcare System

Period: July 2006–December 2007

Telephone interviews with 125 kidney transplant candidates focusing on attitudes, knowledge, and family factors in transplant decision making.

Neurobehavioral Changes in Pediatric Affective Disorders

Principal

Investigators: Scott Beach, *SRP, UCSUR*
Neal Ryan, *Department of Psychiatry*

Funder: National Institutes of Health

Period: September 2005–December 2006

Assist in the recruitment of control families with 7- to 17-year-old adolescents for a study focusing on adolescent affective disorders.

Patient/Provider Attitudes Towards Hepatitis Study

Principal

Investigators: Scott Beach, *SRP, UCSUR*
Susan Zickmund, *Pittsburgh VA Healthcare System*

Funder: Pittsburgh VA Healthcare System

Period: September 2006–November 2008

Telephone interviews with 700 patients with hepatitis C virus from the VA healthcare system to determine attitudes toward treatment and perceptions of communication with healthcare providers.

Peripheral Blood Stem Cells vs. Marrow Donor Quality of Life Surveys

Principal

Investigators: Scott Beach, *SRP, UCSUR*
Galen Switzer, *Department of Medicine*
Mary Amanda Dew, *Department of Psychiatry*

Funder: National Marrow Donor Program

Period: January 2004–December 2007

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 versus bone marrow donation.

Phase Shift Tolerance in the Elderly

Principal

Investigators: Scott Beach, *SRP, UCSUR*
Timothy Monk, *Department of Psychiatry*

Funder: National Institute on Aging

Period: April 2007–March 2011

Telephone interviews with 1,600 Allegheny County residents age 65 and older over four years to study the impact of former shift work on long-term sleep quality and health outcomes.

Pittsburgh Regional Indicators Arts Participation Survey

Principal

Investigators: Scott Beach, *SRP, UCSUR*
John Craig, *SWPA Regional Indicators Consortium*
Rudolph Weingartner, *SWPA Regional Indicators Consortium*

Funder: Pittsburgh Regional Indicators Project

Period: September 2006–December 2006

Random digit dial telephone surveys with 400 residents of Allegheny County, 400 other residents of southwestern Pennsylvania, and 400 residents of Ohio and West Virginia near the Pittsburgh region focusing on participation and education in the arts.

Pittsburgh Symphony Orchestra Economic Impact Survey

Principal

Investigators: Scott Beach, *SRP, UCSUR*
Greg Lagana, *Center for Economic Development, CMU*

Funders: Pittsburgh Symphony Orchestra
Center for Economic Development, CMU

Period: April 2007–June 2007

Telephone interviews with 375 attendees of the Pittsburgh Symphony Orchestra performances focused on economic impact issues associated with the performances.

Pubertal Maturation and Drug Vulnerability Project

Principal

Investigators: Scott Beach, *SRP, UCSUR*
Ronald Dahl, *Department of Psychiatry*

Funder: National Institutes of Health

Period: September 2005–December 2006

Assist in the recruitment of control families with 11- to 13-year-old adolescents for a study focusing on adolescent substance abuse.

Reading First External Evaluation Project

Principal

Investigators: Scott Beach, *SRP, UCSUR*
Helen Ezell, *School of Education*

Funder: U.S. Department of Education

Period: March 2006–August 2006

Assisted with a mail survey of parents of K–3 students attending Reading First schools in Pennsylvania to evaluate their perceptions of the program.

Regional Water Management Task Force Survey

Principal

Investigators: Scott Beach, *SRP, UCSUR*
Terri Miller, *Institute of Politics*
Ty Gourley, *Regional Water Management Task Force*

Funders: Institute of Politics
Regional Water Management Task Force

Period: January 2007–March 2007

Random digit dial telephone survey with 1,500 residents of the 11-county Pittsburgh region focused on local water-quality issues.

Scaling Up Mathematics Project

Principal

Investigators: Scott Beach, *SRP, UCSUR*
Mary Kay Stein, *Learning Research and Development Center (LRDC)*

Funder: National Science Foundation

Period: January 2005–December 2006

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.

Taxpayer Return on Investment in Pennsylvania Public Libraries

Principal

Investigators: Scott Beach, *SRP, UCSUR*
Jose-Marie Griffiths, *University of North Carolina at Chapel Hill*
Donald King, *University of North Carolina at Chapel Hill*

Funder: Commonwealth of Pennsylvania, Office of Commonwealth Libraries

Period: December 2005–September 2006

Conducted a telephone survey of a random sample of adult Pennsylvanians focusing on use of public libraries. The goal of the study was to determine the overall economic benefits of public libraries in Pennsylvania. UCSUR also conducted REMI modeling for the study.

Projects, continued

Testing Survey Methods for Collecting Data on Elder Mistreatment Prevalence

Principal

Investigators: Scott Beach, *SRP, UCSUR*

Funder: National Institute on Aging

Period: September 2006–August 2008

Telephone and face-to-face interviews with 900 Allegheny County residents age 60 and older to test new survey technologies—interactive voice response (IVR) and audio-computer-assisted self-interviewing (A-CASI)—for obtaining self-reports about elder abuse.

Undergraduate Student Satisfaction and Retention Study

Principal

Investigators: Scott Beach, *SRP, UCSUR*

Donald Musa, *SRP, UCSUR*

Patricia Beeson, *Office of the Provost*

Funder: Office of the Provost

Period: September 2005–August 2008

Conduct telephone and Web-based surveys of University of Pittsburgh undergraduate students and withdrawing students to determine factors related to student satisfaction and retention.

U.S. and Canadian Democracy Surveys

Principal

Investigators: Scott Beach, *SRP, UCSUR*

Mitchell Seligson, *Vanderbilt University*

Funder: Vanderbilt University

Period: November 2006–December 2006

Random digit dial telephone surveys with 600 U.S. and 500 Canadian residents focusing on issues surrounding democracy and government conducted as part of the Latin American Public Opinion Project.

University of Pittsburgh Off-Campus Living Survey

Principal

Investigators: Scott Beach, *SRP, UCSUR*

Deborah Bon, *University of Pittsburgh*

Julie Gismondi, *University of Pittsburgh*

Funder: University of Pittsburgh

Period: April 2004–March 2008

Web survey of 2,400 University of Pittsburgh students not residing in campus housing focused on evaluations of off-campus apartments and landlords to be used in the development of a landlord “report card” Web site.

Veterans Aging Cohort Study

Principal

Investigators: Scott Beach, *SRP, UCSUR*

Janet Schlarb, *SRP, UCSUR*

Amy Justice, *Yale University*

Funder: National Institute on Alcohol Abuse and Alcoholism

Period: October 2001–September 2006

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

Western Pennsylvania Manufacturing Industry Study

Principal

Investigators: Scott Beach, *SRP, UCSUR*

Christine Kush, *Joseph M. Katz Graduate School of Business*

Funder: Institute for Entrepreneurial Excellence

Period: April 2007–September 2007

Assisted with the conduct and statistical analysis of a Web-based survey of local manufacturing firms focusing on their performance and business practices.

Fort Ligonier Study

Principal

Investigator: Christopher Briem, *URA, UCSUR*

Funder: Dewey and Kaye

Period: December 2006

Sociodemographic analysis of trends affecting southwestern Pennsylvania in support of the Fort Ligonier Historical Association.

Project Region

Principal

Investigator: Christopher Briem, *URA, UCSUR*

Funder: Southwestern Pennsylvania Commission

Period: September 2006 - February 2007

Support for the Southwestern Pennsylvania Commission’s long-range planning process, 2007, including forecasting and economic development analysis for the 10-county region.

Secure CITI: Secure Critical Information Technology Infrastructure for Disaster Management

Principal

Investigators: Louise Comfort, *EDS, UCSUR*

Rami Melhem, *Department of Computer Science*

Daniel Mosse, *Department of Computer Science*

Funder: National Science Foundation

Period: September 2003–September 2008

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

Vulnerability Assessment for Flooding in the Pittsburgh Metropolitan Region

Principal Investigator: Louise Comfort, *EDS, UCSUR*
Funder: The Pittsburgh Foundation
Period: August 2006–July 2007

The IISIS Project has developed a prototype, Dynamic Assessment Model, that will enable communities to make decisions regarding the vulnerability of existing infrastructure, the threat to local populations, and the capacity of local resources to respond effectively to flooding in the Pittsburgh metro region.

Pittsburgh Regional Indicators Project

Principal Investigator: John Craig, *SWPA Regional Indicators Consortium*
Funder: Benedum Foundation Heinz Endowment
Period: ongoing

Developing a comprehensive set of regional indicators and benchmarking them against other places.

Allegheny County Comprehensive Plan

Principal Investigator: Sabina Deitrick, *URA, UCSUR*
Funder: McCormick Taylor (from the Allegheny County Department of Economic Development)
Period: April 2005–December 2007

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

Large Landowners Project

Principal Investigator: Sabina Deitrick, *URA, UCSUR*
Funder: Lincoln Institute of Land Policy
Period: July 2006–June 2007

Analyze impacts of changes in large landowners on City of Pittsburgh revenues.

Neighborhood and Community Database and Web Site for Pittsburgh and Allegheny County

Principal Investigator: Sabina Deitrick, *URA, UCSUR*
Funders: Pittsburgh Partnership for Neighborhood Development
Multiple Funders
Period: July 2003–December 2007

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

PA CleanWays

Principal Investigator: Sabina Deitrick, *URA, UCSUR*
Funder: PA CleanWays
Period: ongoing

Provide “as-needed” GIS mapping services for the PA CleanWays sites.

Pittsburgh Cancer Institute Regional Impact Analysis

Principal Investigator: Sabina Deitrick, *URA, UCSUR*
Funder: University of Pittsburgh Cancer Institute
Period: June 2004–September 2007

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

Pittsburgh Regional Association

Principal Investigator: Sabina Deitrick, *URA, UCSUR*
Funder: Pittsburgh Regional Association
Period: ongoing

Period/annual economic impact analysis of key projects for the year.

Women in the Workforce Project: Analyzing Pittsburgh Gender Earnings Gap

Principal Investigators: Sabina Deitrick, *URA, UCSUR*
Susan Hansen, *Department of Political Science*
Funder: The Heinz Endowments
Period: April 2005–June 2006

Analyzing explanations for the gender wage gap in the Pittsburgh metropolitan area compared to the largest 100 metropolitan area in the nation.

Relationships in Late-Life Mood Disorder Project (RELATE)

Principal Investigators: Lynn Martire, *Gerontology, UCSUR*
Richard Schulz, *Gerontology, UCSUR*
Funder: National Institute of Mental Health
Period: December 2002–November 2007

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 caregivers to older depressed adults.

Projects, continued

Alcohol-Associated Outcomes Among HIV-Positive and HIV-Negative Aging Veterans

Principal

Investigators: Kathleen McGinnis, *Gerontology, UCSUR*
Amy Justice, *Yale University*

Funder: National Institute on Alcohol Abuse and Alcoholism

Period: September 2006–August 2011

The study examines the relationship between HIV disease and alcohol use and the impact of aging, medical and psychiatric comorbidities, alcohol and drug use on disease progression, health behaviors, and patient outcomes on racially diverse adults with and without HIV. The long-range objectives of the study are to design and implement interventions to improve outcomes of aging patients with comorbid conditions.

Self-Care: Comparison of African Americans and Whites

Principal

Investigators: Donald Musa, *SRP, UCSUR*
Myrna Silverman, *Graduate School of Public Health*

Funder: National Institute on Aging

Period: September 2000–August 2006

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

Psychosocial Health and Facial Nerve Disorder

Principal

Investigator: Karen Schmidt, *Gerontology, UCSUR*

Funder: National Institutes of Health

Period: July 2003–June 2008

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 Two

Principal

Investigators: Richard Schulz, *Gerontology, UCSUR*
Martica Hall, *Department of Psychiatry*
Timothy Monk, *Department of Psychiatry*

Funder: National Institute on Aging

Period: June 2003–May 2008

This project is concerned with spousal caregivers (ages 65 and older) of patients with early Alzheimer's disease and an intervention designed to enhance their sleep and reduce the stress of caregiving.

Cancer and Aging Center

Principal

Investigators: Richard Schulz, *Gerontology, UCSUR*
Ronald B. Herberman, *University of Pittsburgh Cancer Institute*

Funder: National Institutes of Health

Period: September 2003–August 2008

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

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

Principal

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

Funder: National Center on Minority Health and Health Disparities

Period: September 2002–July 2007

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.

Data Management and Statistical Resources Core: Pittsburgh Mind Body Center II

Principal

Investigators: Richard Schulz, *Gerontology, UCSUR*
Karen Matthews, *Department of Psychiatry*

Funder: National Heart, Lung, and Blood Institute

Period: September 2004–August 2009

Provide a data-management infrastructure and statistical support to investigators at the Pittsburgh Mind Body Center.

Family Relationships in Late Life (FRILL 2)

Principal

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

Funder: National Institute on Aging

Period: September 2002–July 2007

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

Geriatric Education Center of Pennsylvania (GEC/PA)

Principal

Investigator: Richard Schulz, *Gerontology, UCSUR*

Funder: Health Resources and Services Administration

Period: July 2002–December 2006

The 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 regarding elder care issues.

Pittsburgh Claude D. Pepper Older Americans Independence Center

Principal

Investigators: Richard Schulz, *Gerontology, UCSUR*
Stephanie Studenski, *Department of Medicine*

Funder: National Institute on Aging

Period: June 2004–May 2009

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 multidisciplinary research and research training.

Quality of Life Technology Engineering Research Center (QoLT ERC)

Principal

Investigators: Richard Schulz, *Gerontology, UCSUR*
Takeo Kanade, *Carnegie Mellon University*

Funder: National Science Foundation

Period: June 2006–May 2011

By integrating information technologies and biomedical innovations, the QoLT ERC will allow people to independently perform valued and necessary activities of daily living so that they can more fully participate in society.

REACH Coordinating Center for Caregiver Intervention Trial

Principal

Investigator: Richard Schulz, *Gerontology, UCSUR*

Funder: National Institute on Aging

Period: September 2002–August 2006

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.

Religious/Spirituality, Health, and Health Services

Principal

Investigators: Richard Schulz, *Gerontology, UCSUR*
Randy Hebert, *Department of Medicine*

Funder: Alzheimer's Association

Period: September 2004–August 2006

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

The Advanced Center for Intervention and Services Research, Research Methods Core

Principal

Investigators: Richard Schulz, *Gerontology, UCSUR*

Lynn Martire, *Gerontology, UCSUR*

Charles F. Reynolds III, *Department of Psychiatry*

Funder: National Institute of Mental Health

Period: August 2005–May 2010

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

Coding Across the Disciplines

Principal

Investigator: Stuart W. Shulman, *QDAP, UCSUR*

Funder: National Science Foundation

Period: September 2006–August 2007

This workshop focuses on annotation science and building interdisciplinary teams of computer and social scientists.

Language Processing Technology for Electronic Rulemaking

Principal

Investigator: Stuart W. Shulman, *QDAP, UCSUR*

Funder: National Science Foundation

Period: November 2004–October 2008

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

Competiveness Research

Principal

Investigator: Vijai Singh, *Office of the Chancellor*

Funder: Heinz Endowments

Consolidated Natural Gas

Period: ongoing

Analyze the factors that promote regional competitiveness of the biotech industry in Pittsburgh. Part of an international comparative study with the University of Jena, Germany.

Comprehension Impairment

Principal

Investigator: Connie Tompkins, *Gerontology, UCSUR*

Funder: National Institutes of Health

Period: September 1999–November 2007

This project is designed to contrast "suppression deficit" and "coarse coding deficit" hypotheses as factors in poor comprehension performance of adults who have strokes that affect the right side of the brain and to assess the relationship of these deficits to particular regions of damage in the right hemisphere.

Publications 2006–07

Journals

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- Bangs, R.** (in press). The cost effectiveness of high school education programs for African Americans and Latinos. *Negro Educational Review*.
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- Brown, S.L., Smith, D.M., Schulz, R., Kabeto, M.U., Ubel, P.A., Jaehee, Y., Kim, C., & Langa, K.M.** (in press). Caregiving behaviors and decreased mortality in a national sample of older adults. *Psychological Science*.
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- Gitlin, L., Hauck, W., Winter, L., Dennis, M., & Schulz, R.** (2006). Effect of an in-home occupational and physical therapy intervention on reducing mortality in functionally vulnerable elders: Preliminary findings. *Journal of the American Geriatrics Society, 54*, 950–955.
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