Annual Report
july 1, 2010–june 30, 2011
Table of Contents

➤ Who We Are..............................................................................................................1
➤ Message From the Director .......................................................................................2
➤ What We Do: Center Resources ................................................................................3
➤ Survey Research Services and Capabilities ............................................................3
➤ Urban and Regional Economic Analysis ...............................................................4
➤ Gerontology Services ..............................................................................................6
➤ Qualitative Data Analysis .......................................................................................7
➤ Geographical Information Systems and Visual Analytics Program ..........................7
➤ Technology Services ...............................................................................................8
➤ Acquisition and Management of Secondary Data .................................................8
➤ Program Evaluation Services ..................................................................................9
➤ Programs ................................................................................................................10
➤ Faculty Development Awards ................................................................................11
➤ Board of Visitors .....................................................................................................11
➤ Core Staff ...............................................................................................................12
➤ Faculty Associates ..................................................................................................13
➤ Projects ..................................................................................................................14
➤ Publications 2010–2011 .......................................................................................24
➤ Campus Map ..........................................................................................................27
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, including complex web surveys; (2) Carry out regional econometric modeling; (3) Analyze qualitative data using state-of-the-art computer methods; (4) Obtain, format, and analyze spatial data; (5) Acquire, manage, and analyze large secondary and administrative data sets including Census data; (6) Design and carry out descriptive, evaluation, and intervention studies; and (7) Provide information technology services for the collection, management, and analysis of sensitive research data to assure the highest levels of security and privacy.

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, social, and clinical 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, postdoctoral, 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.
This has been a year of significant changes for us. For those of you who regularly visit the Pittsburgh campus in Oakland you know that we have moved to a new location on Forbes Avenue across from Magee Womens Hospital of UPMC. Our former home of more than 20 years, 121 University Place, has been razed to make room for a new dormitory. The University gave us the opportunity to design our new space, and, as a result, we have a state-of-the-art facility that uniquely suits our needs. We are now fully operational in our renovated building at 3343 Forbes Avenue, and we invite our colleagues and clients to visit us.

Another development at UCSUR is the addition of the Pittsburgh Indicators Project (Pittsburgh Today) under the direction of Doug Heuck. The ultimate goal of this project is to spark an informed civic dialogue on where Pittsburgh is and where it is going. To that end, the project provides evaluative regional performance data on ten topic areas to enable researchers and civic leaders to plan for the region’s future. We are fortunate to have the support of numerous local foundations to fund this effort.

A third development is the maturation of our cutting edge information technologies infrastructure at the center. For the past three years we have invested more than $200,000 to develop a state-of-the-art data center for the management and processing of sensitive data. We operate FISMA/HIPPA compliant data management systems, and we are now prepared to offer cost-effective solutions for the data management, security, and privacy needs of the campus community.
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), and the effective use of technology for surveys.

- 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 hand-outs, video instruction, and role-playing. Interviewers are continuously monitored during data collection for quality assurance, and periodic retraining sessions occur as necessary.

Computer-assisted telephone interviewing (CATI): A 45 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.

RDD cell phone surveys: UCSUR has experience conducting random digit dialing (RDD) cell phone surveys in order to supplement traditional landline RDD telephone surveys. This methodology insures inclusion of cell-phone only households, estimated at 25 percent of the U.S. population (and growing). Cell-phone only households are typically younger, more likely to be employed, and more ethnically diverse, and their exclusion can result in significant biases in landline only surveys.
Computer-assisted personal interviewing (CAPI): With this type of interview an interviewer, using a laptop computer, reads questions to the respondent and then enters the answers directly into a database on the laptop computer. CAPI is programmed similar to Computer-Assisted Telephone Interviewing (CATI), and provides the same advantages (automated skips, randomized experiments, etc.).

Audio computer-assisted self interviewing (Audio CASI, ACASI): With this application a respondent operates a computer, the computer displays the questions on screen and plays recordings of the questions to the respondent who enters answers directly into a database on the computer. A respondent typically uses headphones with our Audio CASI solutions in order to maintain response privacy. ACASI enhances perceived privacy for sensitive questions and is ideal for less literate populations. ACASI is similar to CATI, CAPI, and CASI in programming requirements and function.

Interactive voice response (IVR): IVR is an automated system where a recorded voice administers survey questions/scripts and detects voice and keypad inputs from a home phone or cell phone. Privacy is enhanced by switching to IVR from a live interviewer for the administration of sensitive questions. IVR is also ideal for ecological momentary assessment (EMA).

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.

Surveys of special and hard-to-reach populations: UCSUR has conducted numerous surveys of special, hard-to-reach populations, including numerous clinical populations, children, and ethnically and linguistically diverse samples. UCSUR has conducted interviews in Spanish, Chinese, and Korean and has the capability to conduct international surveys.

Data Management
Using a variety of computer programs, languages, database management software, and operating systems, SRP staff are available to perform a number of data management functions, including database 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 demo-graphic 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

Urban and Regional Economic Analysis
UCSUR’s Urban and Regional Analysis Program (URA) analyzes major economic and demographic trends in the Pittsburgh region in national and international contexts. URA brings together faculty, research staff, and graduate students to examine important urban and regional issues, with the results disseminated widely to state and regional policymakers, local officials, and community and economic development organizations. URA also partners with other researchers and organizations across the globe to advance urban and regional knowledge. URA’s research extends from regional development to community change.
and examines their consequences for regional restructuring, equity implications, and policy analysis. In addition to the performance of the regional economy, specific strategic economic sectors are examined through in-depth studies and their implications for workforce development and job creation. The program also fosters the development of new methods of data collection and analysis. URA research is published in scholarly journals and technical reports and has been an important element of UCSUR’s commitment to providing regional economic development analysis to both the academic community and the Pittsburgh region. For the latest urban and regional developments, visit The Pittsburgh Urban Blog (The PUB) at www.ucsur.pitt.edu/thePub.php.

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.

UCSUR staff calibrates the Pittsburgh REMI model based on local conditions and our 12 years of experience 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 SWPA region. 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 (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.

Pittsburgh Economic Quarterly
UCSUR publishes the Pittsburgh Economic Quarterly (PEQ) to support organizations and staff involved with economic development throughout the region. PEQ highlights the important economic and demographic 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 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:

- Demographic features of neighborhood change in Pittsburgh
- Foreclosures in the Pittsburgh’s Hilltop neighborhoods
- The supply and demand of affordable housing in Allegheny County
- City of Pittsburgh neighborhood profiles
- Impact of veterans returning to the Pittsburgh region
- Allegheny County snapshot – where new residents are moving
- Alternative measures of unemployment in the Pittsburgh region
- Racial disparities in financial exploitation of older adults in Allegheny County
What We Do: Center Resources, continued

- Real-estate owned property and impacts in Pittsburgh
- Educational attainment in the Pittsburgh regional workforce
- Property tax collection and neighborhoods

Pittsburgh Neighborhood and Community Information System (PNCIS)
The PNCIS is a property-based geographic information system that serves the Pittsburgh community through the collection, maintenance, and analysis of neighborhood-based data. PNCIS promotes and assists in neighborhood development and revitalization through research and analysis to reduce blight, promote neighborhood investment, and improve communities. UCSUR operates PNCIS in agreement with the Pittsburgh Partnership for Neighborhood Development (PPND) and the City of Pittsburgh. PNCIS is also a partner in the National Neighborhood Indicators Partnership, a consortium of neighborhood indicator systems across the USA, based at the Urban Institute in Washington, D.C.

Pittsburgh Indicators Project (Pittsburgh TODAY)
Pittsburgh TODAY compares the Pittsburgh region to other areas of the country to evaluate regional performance in ten topic areas and by a number of critical indicators to provide a timely and accurate statistical picture of the region. What are the region's strengths and weaknesses? The project's goal is to spark an informed civic dialogue on where Pittsburgh is and where Pittsburgh is going. To that end, every aspect of Pittsburgh TODAY is designed to involve as many knowledgeable and involved citizens from every corner of the region.

Gerontology Services

Gerontology Research Registry
The Gerontology Program at the University of Pittsburgh has been conducting federally-funded research on critical issues related to health, aging, and family caregiving for the past 20 years. Much of what is known about living with different illnesses has resulted from medical and psychological research such as that conducted in our program. This program is recognized as one of the leading social gerontology research programs in the nation.

As part of our mission, we have created the Gerontology Program Research Registry, made up of individuals who are willing to be contacted for participation in future research studies on various issues.

Graduate Certificate in Gerontology
This program is designed to serve individuals from diverse educational, employment, and professional backgrounds who are interested in acquiring basic knowledge about gerontology and geriatrics and specialized knowledge of aging and aging processes. Students may focus broadly on a course of study in a general multidisciplinary track, or they may select a track focused on prevention and healthy aging. They may instead choose to concentrate in areas of specialization including dentistry, gerontology, law, mental health, nursing, occupational therapy/rehabilitation, public health, and social work.

Whether to gain credentials and skills for competitive advantage in the marketplace or to enhance understanding of aging to inform the delivery of services, programs, or products, students may solely enroll in this certificate program or they may pursue the certificate in conjunction with a degree program. Credits earned for the certificate may often be applied toward a degree program.

The general multidisciplinary track is also available through Pitt Online (visit www.online.pitt.edu), and more information about this Graduate Certificate in Gerontology can be found at: www.ucsur.pitt.edu/gerontology_certificate.php.

Technology and Aging
Several projects within the Gerontology Program are examining the utility and acceptability of emerging technologies intended to enable older adults to live as independently as possible and to support family caregivers. With input from potential end-users and other stakeholders, social scientists and health professionals are partnering with technology developers to ensure the usability of intelligent systems and devices for these target populations. This effort is supported by the Quality of Life Technology Center, an engineering research center funded by the National Science Foundation which involves multidisciplinary collaboration among a cadre of researchers from the University of Pittsburgh and Carnegie Mellon University.

In addition to privacy concerns and policy issues related to collection of personal data and technology adoption, our team investigates how target users interact with novel hardware and software for monitoring safety, health, and functional status as a basis for intervention. Technologies being studied include a multi-user health kiosk for community-residing older adults with limited access to personal computers for health monitoring and information, computer vision technology that enables in-home assessment of functional capabilities and caregiving quality, and a virtual coaching system to promote adherence to health behaviors.
Qualitative Data Analysis

From biomedical, public health, and educational research, to the behavioral, computational, and social sciences and beyond, effective qualitative data collection and analysis plays a critical role. The goal of the Qualitative Data Analysis Program (QDAP) at UCSUR is to provide a resource to the University community in all aspects of qualitative data collection and analysis.

Established in 2005, QDAP offers a rigorous approach to qualitative data collection and analysis. Experienced QDAP staff can carry out or assist with all phases of a qualitative research project including study design, project management, focus group facilitation, interviewing, audio transcription, data coding and analysis, and results reporting.

Value-Added Coding

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. QDAP offers a rigorous approach to analyzing text and managing projects. Our experienced coders can deliver the data you need in a timely and expert manner, without the struggle.

QDAP 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. We 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.

QDAP employs University of Pittsburgh students and UCSUR professional staff trained in using qualitative analysis software. We maintain a 5-station audio transcription lab and a 10-station coding lab which utilizes ATLAS.ti, 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. On the QDAP Web site, we support the Coding Analysis Toolkit (CAT), a Web-based suite of tools which facilitates efficient and effective post-coding analysis of qualitative data. In addition, we offer ATLAS.ti training seminars and one-on-one training sessions for faculty, staff and students.

Geographical 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 that 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.
UCSUR is committed to compliance with FISMA and the Health Insurance Portability and Accountability Act (HIPAA) of 1996.

UCSUR’s Data Center follows the Federal Information Processing Standards (FIPS) set forth by the United States federal government.

UCSUR’s Technology Services can help you build applications for your research needs.

Specializing in Data Management, Security, and Privacy
- HIPAA/FISMA compliant systems via our internal High Tech Data Center and internal processes.
- Virtual server environment solutions for highest level security and segregation.
- Fully Managed Private Cloud Servers
  1. UCSUR deploys VMware ESXi for your servers. Not only will we support each virtual machine with the same level of expertise and service offered on a physical server, but we will also manage the hypervisor responsible for building and maintaining virtual machines.
  2. UCSUR helps with capacity planning for your virtual servers, doing trend analyses and making recommendations so that you are truly getting the most out of your physical hardware.

Development Expertise
- PHP, Javascript, Delphi, C++
- CSS, HTML, XML
- Oracle, Microsoft SQL Server, MySQL
- Web-capable mobile devices (e.g., Netbooks, iPads)

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:
- 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

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 Web site for specific examples: www.ucsur.pitt.edu

Technology Services
In 2009 the University Center for Social and Urban Research (UCSUR) invested over $200,000 in its Information Technology Infrastructure. UCSUR has the capacity to provide cost-effective solutions to data management, security, and privacy needs to serve university researchers and educators.

UCSUR servers are housed in a Federal Information Security Management (FISMA) compliant Data Center located on the Pittsburgh campus of the University of Pittsburgh.

Services Provided
- GIS needs analysis
- GIS system 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

Applications
- Custom survey systems.
- Interactive Voice Response (IVR) applications, particularly useful for momentary assessment studies.
- Mobile apps, also very useful for momentary assessments.
- Secure Data Exchange Portals (SDEP) for transferring sample and result data.
• 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

Program Evaluation Services
The University Center for Social and Urban Research (UCSUR) can assist faculty at the University of Pittsburgh and community agencies with their program evaluation needs. We provide assistance in developing and designing evaluation plans, collecting and analyzing data, and writing evaluation reports. Depending on the focus of the project, these services can be provided by the Survey Research Program, 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

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, and up-to-date neighborhood information on the UCSUR Web site (www.ucsur.pitt.edu)
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:

Geographical 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 the analysis and mining of 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**
Judith Matthews

Initiate, coordinate, and facilitate research on aging. In collaboration with faculty in more than a dozen different disciplines (e.g., psychiatry, anesthesiology, rheumatology, nursing, epidemiology), program faculty and staff play an active role in developing proposals for research focused on psychosocial, behavioral, cognitive, and physical aspects of aging.

Qualitative Data Analysis Program (QDAP)

**Program Director**
Donald Musa

Offers a rigorous approach to qualitative data collection and analysis including 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. 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. 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)

**Program Director**
Sabina Deltrick

**Associate Program Director**
Ralph L. Bangs

Promotes scholarly analysis of urban and regional issues through multidisciplinary research, which is local, national, and international in character. Furthers our understanding of the causes and consequences of regional economic development 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.

2011 awardees: Jane Clougherty, Graduate School of Public Health; Fengyan Tang, School of Social Work.

2010 awardees: Shanti Gamper-Rabindran, Graduate School of Public and International Affairs; Jennifer H. Lingler, School of Nursing; Werner Troesken and Randall Walsh, Economics; Jennifer Nicoll Victor, Political Science


2008 awardees: Peter J. Gianaros and J. Richard Jennings, Psychiatry; Keith Morgenlander, Medicine.

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

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

2005 awardees: Charlotte Brown, Center on Race and Social Problems; Bruce S. Ling, Institute for Doctor-Patient Communication; Eva Marie Shivers, School of Education.

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

Due to the large number of 2003 applications, UCSUR funded six awards: Pamela Peele, Health Economics; William Klein, Psychology; Daniel Rosen, School of Social Work; Lisa Brush, Sociology; Audrey Murrell, Joseph M. Katz Graduate School of Business; Jeannette Trauth, Graduate School of Public Health.


2001 awardees Miriam Hertz, Health Information Management; Paul E. Griffiths, History and Philosophy.
Core Staff

Administration

Director
Richard Schulz

Associate Director
Scott Beach

Business Manager
Greg Six

Administrators
Anna Aivaliotis, Donna M. King

Administrative Assistant
Philip Crain

Systems Administrator
James Lefcakis

Systems Support
Eric Wolfe

Survey Research

Program Director
Scott R. Beach

Research Associate
Donald Musa

Senior Research Specialists
Janet Schlarb, Stephen Strotmeyer

Web Development/Data Analysts
Robert Keene

Senior Fieldwork Supervisor
Lynda Connelly

Fieldwork Supervisors
Olivia Kirsch, Patricia Lietz, Olivia Wilson

Fieldwork Supervisors/Research Specialists
Amber Barton, Carrie Rodzwicz

Research Specialists
Brian Alley, Christine Byerly

Urban and Regional Analysis

Program Director
Sabina Deitrick**

Associate Program Director
Ralph Bangs**

Regional Economist
Christopher Briem

Research Specialist
Robert Gradek

SWPA Indicators Project Director
Douglas Heuck

SWPA Indicators Research Manager
Milana Nick

Gerontology

Program Director
Richard Schulz

Associate Program Director
Judith Matthews

Associate Program Director, Geriatric Education Center
John Hennon

Project Coordinators/Assistants
Sarah Aerni, Amber Barton, Jennifer Bissell, Julie Klinger

Interviewer/Interventionist
Sally Hostein

Geographical Information Systems and Visual Analytics Program

Program Director
Ken Sochats**

Generations Together

Journal Editor/Emeritus Director
Sally Newman

** Indicates participating faculty, not UCSUR staff

Qualitative Data Analysis

Program Director
Donald Musa

Program Assistant Director
Laurel Person Mecca

Research Specialists
David Halpern, Kevan Schultz
The following individuals serve as faculty associates, representing numerous schools, departments, institutes, and centers.

Charles David Boucek  Anesthesiology
John P. Williams  Anesthesiology
Hugo Nutini  Anthropology
Richard Scaglion  Anthropology
Steven Albert  Behavioral and Community Health Sciences
Jessica Griffin Burke  Behavioral and Community Health Sciences
Edmund Ricci  Behavioral and Community Health Sciences
Rael Sharma  Behavioral and Community Health Sciences
Mark Redfern  Bioengineering
Gary M. Marsh  Biostatistics
William R. Love  Business Information Systems
Stanley J. Kabala  Center for Environmental Research & Education
Alberta Sharbagi  Center for Western European Studies
Vijay P. Singh  Chancellor Office
Melissa Bilec  Civil and Environmental Engineering
Amy Landis  Civil and Environmental Engineering
Ronald D. Neufeld  Civil and Environmental Engineering
Frank A. Ghinassi  Clinical Administration
Catherine V. Palmer  Communication Science and Disorders
Connie A. Tompkins  Communication Science and Disorders
J. Scott Yaruss  Communication Science and Disorders
John Wilds  Community/Government Relations
Rami Meilhem  Computer Science
Daniel Mosse  Computer Science
Taied Zhali  Computer Science
John M. Close  Dental Medicine
James Guggenheimer  Dental Medicine
Mary Marzilia  Dental Medicine
Titus Schleyer  Dental Medicine
Karen Schmidt  Dental Medicine
Robert Weyant  Dental Medicine
Francois Strangini  Economics
Gene Grover  Economics
Carl I. Fertman  Education
Michael Gunzenhauser  Education
Meryl K. Lazar  Education
Steven R. Lyon  Education
Maureen Porter  Education
Joan I. Vondra  Education
Vince N. Mozesco, Jr.  Emergency Medicine
Paul M. Paris  Emergency Medicine
Marcia Landy  English
Steven H. Belle  Epidemiology
Joyce T. Bromberger  Epidemiology
Jane A. Casley  Epidemiology
Andrew Kricka  Epidemiology
Joel L. Weissfeld  Epidemiology
Jonathan Erten  Falk Library/Public Health
William B. Kory  Geography
Carolyn Ban  Graduate School of Public and International Affairs
Louise Comfort  Graduate School of Public and International Affairs
Sabina Detrick  Graduate School of Public and International Affairs
David Y. Miller  Graduate School of Public and International Affairs
Jennifer Brach  Health and Rehabilitation Sciences
Nicholas Castle  Health Policy and Management
Howard B. Degenholtz  Health Policy and Management
Judith R. Lave  Health Policy and Management
Beaufort B. Longest, Jr  Health Policy and Management
Seymour Drechser  History
Laurence A. Glasco  History
Edward K. Muller  History
Lisa S. Parker  Human Genetics
Anthony J. Silverstre  Infectious Diseases/Microbiology
Mary Bosterfield-Sacre  Industrial Engineering
Susan Alman  Information Sciences
Kenneth Sochats  Information Sciences
Brian Butler  Katz Graduate School of Business
Christine Kush  Katz Graduate School of Business
Carrie R. Leana  Katz Graduate School of Business
Marick F. Masters  Katz Graduate School of Business
John E. Prescott  Katz Graduate School of Business
Ronald A. Brand  Law
Mary Crosby  Law
Vivian Curran  Law
Lawrence A. Frolik  Law
David Herring  Law
Richard P. Correnti  Learning Research and Development
Mary Kay Stein  Learning Research and Development
Robert M. Arnold  Medicine
Amber Barnato  Medicine
Cindy L. Bryce  Medicine
Michael Fine  Medicine
John Kellum, Jr.  Medicine
Anne B. Newman  Medicine
F. Sudhakar Reddy  Medicine
E. Rodriguez  Medicine
Robert E. Schoen  Medicine
Rakesh Singh  Medicine
Stephanie Studenski  Medicine
Galen Switzer  Medicine
Mark Urru  Medicine
Debra K. Weiner  Medicine
Andrew N. Weintraub  Medicine
Edward Stricker  Neuroscience
Catherine Bender  Nursing
Rose E. Constantino  Nursing
Willis D. Douwell  Nursing
Jacqueline Danbar-Jacob  Nursing
Judith A. Eilen  Nursing
Judith Talbot Matthews  Nursing
Karen Moffitt  Nursing
Ann M. Mitchell  Nursing
Elizabeth A. Schlenk  Nursing
Paula Sherwood  Nursing
Joan C. Rogers  Occupational Therapy
Patricia Beeson  Office of the Provost
Juan Manfredi  Office of the Provost
James J. Irgang  Orthopaedic Surgery
Bruce S. Rabin  Pathology
Parmjeet Randhawa  Pathology
Raymond Piletti  Pediatrics
Abhay Vats  Pediatrics
Selma F. Witchel  Pediatrics
Pouran Famili  Periodontics
Bobbie Farrah  Pharmacy
Jesse VanSwearingen  Pharmacy
John Hurwitz  Political Science
Jennifer Nicol Victor  Political Science
Boris Birnbaum  Psychiatry
David Brent  Psychiatry
Charlotte Brown  Psychiatry
Tammy Chung  Psychiatry
Duncan Clark  Psychiatry
Patricia Cluss  Psychiatry
Ronald Dahl  Psychiatry
Mary Amanda Dew  Psychiatry
Andrea Dimartini  Psychiatry
Linda J. Ewing  Psychiatry
Amy Herschell  Psychiatry
Jordan Karp  Psychiatry
Robert S. Marin  Psychiatry
Karen A. Matthews  Psychiatry
Timothy Monk  Psychiatry
Lisa A. Morrow  Psychiatry
Jennifer Morse  Psychiatry
Richard Morycz  Psychiatry
Benno H. Mulsant  Psychiatry
Edward F. Mulvey  Psychiatry
Vishwajit Nimgaonkar  Psychiatry
Paul Pitkin  Psychiatry
Bruce Pollock  Psychiatry
Charles F. Reynolds III  Psychiatry
Jules Rosen  Psychiatry
Neal Ryan  Psychiatry
Ihsan M. Salloum  Psychiatry
Magda Stouthamer-Loebber  Psychiatry
Kenneth S. Thompson  Psychiatry
Martin Greenberg  Psychology
Christina Groark  Psychology
Thomas Kamarck  Psychology
William Klein  Psychology
John Levine  Psychology
Robert McCall  Psychology
Daniel Shaw  Psychology
Steven E. Stern  Psychology-Johnstown
Mary Goldberg  Rehabilitation Science and Technology
Nancy Condee  Slavic Languages and Literatures
Vladimir Padenov  Slavic Languages and Literatures
Ralph Bangs  Social Work
Larry E. Davis  Social Work
Rafael J. Engel  Social Work
Catherine Greeno  Social Work
Lovie Jackson  Social Work
Lambert Maguire  Social Work
Helen Petrachi  Social Work
Mary Rauktis  Social Work
Tracy M. Scska  Social Work
Hide Yamatani  Social Work
Kathleen M. Blee  Sociology
Lisa D. Brush  Sociology
Akiko Hashimoto  Sociology
Daniel Hall  Surgery
James D. Luketch  Surgery
Ron Shapiro  Surgery
Carolyn J. Carson  Urban Studies Program
Michelle Robinson  Western Psychiatric Institute and Clinic
Projects*

Adult to Adult Living Donor Liver (A2ALL) Transplantation Study: Health-Related Quality of Life Sub-Study

**Principal Investigators:** Scott Beach, SRP, UCSUR  
Mary Amanda Dew, Psychiatry  
Andrea Dimartini, Psychiatry

**Funder:** National Institutes of Health  
**Period:** 09/10-08/14

Telephone interviews of 900 liver donors to explore health-related quality-of-life outcomes associated with donation over three years.

Allegheny County Random Digit Dialing Cell Phone Pilot Survey

**Principal Investigator:** Scott Beach, SRP, UCSUR

**Funder:** UCSUR  
**Period:** 03/10-10/10

RDD sample telephone interviews - 400 landline and 400 cell-phone - with county residents focusing on telephone and other technology usage to test methods for conducting cell phone interviews.

A Multi-Institutional Study of Hematopoietic Stem Cell Donor Safety

**Principal Investigators:** Scott Beach, SRP, UCSUR  
Galen Switzer, Medicine

**Funder:** National Institutes of Health  
**Period:** 12/08-11/13

Telephone surveys of 400 adult and child stem cell donors before and after donation to assess quality of life and other donation-related outcomes.

Assessing Instructional Content and Interaction at Scale

**Principal Investigators:** Scott Beach, SRP, UCSUR  
Richard P. Correnti, LRDC

**Funder:** National Institutes of Health  
**Period:** 06/08-05/12

Assist in the development and administration of Web-based data collection tools for 120 K-12 teachers to assess instructional activities and the nature of interaction with students.

Does a New Supermarket Improve Dietary Behaviors of Low-Income African Americans?

**Principal Investigators:** Scott Beach, SRP, UCSUR  
Tamara Dubowitz, RAND Corporation

**Funder:** National Institutes of Health  
**Period:** 05/10-04/14

Interviewer training, data management, and collection of 24-hour dietary recall telephone data in a study of the impact of a new grocery store on dietary behavior in 1,600 residents of low-income neighborhoods.

EFRI-SEED: BUILD - Barriers, Understanding, Integration - Life Cycle Development

**Principal Investigators:** Scott Beach, SRP, UCSUR  
Melissa Bilec, Civil and Environmental Engineering

**Funder:** National Science Foundation  
**Period:** 08/10-07/14

Design and conduct of a Web-based survey of 2,000 architects, engineers, and construction professionals focused on knowledge and attitudes toward Life Cycle Assessment methodology as a tool for sustainable design.

Ethnicity and Culture in Unrelated Stem Cell Donation

**Principal Investigators:** Scott Beach, SRP, UCSUR  
Galen Switzer, Medicine

**Funder:** National Institutes of Health  
**Period:** 04/06-03/11

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

Factors Contributing to Oral Health Disparities in Appalachia

**Principal Investigators:** Scott Beach, SRP, UCSUR  
Mary Marazita, Dental Medicine

**Funder:** National Institutes of Health  
**Period:** 04/11-03/15

Conduct prenatal and five post-birth follow-up telephone interviews of 1,000 new mothers - 500 in Pittsburgh and 500 in West Virginia - to explore factors related to childhood oral health disparities.

*In alphabetical order by UCSUR principal investigator*
Frequent Hemodialysis Network Quality of Life Core

**Principal Investigators:** Scott Beach, SRP, UCSUR
Mark Unruh, Medicine

**Funder:** National Institutes of Health

**Period:** 09/04-8/10

Conduct 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.

Healthy Futures

**Principal Investigators:** Scott Beach, SRP, UCSUR
Lydia O’Donnell, Education Development Center

**Funder:** National Institutes of Health

**Period:** 05/08-04/11

Conduct telephone interviews with adult study participants enrolled in a parent-education program being offered at eight New York City (Brooklyn and Queens) public schools.

Impact of Nocturnal Hemodialysis on Sleep Apnea, Sleep Quality, and Daytime Symptoms

**Principal Investigators:** Scott Beach, SRP, UCSUR
Mark Unruh, Medicine

**Funder:** National Institute of Health

**Period:** 07/07-05/12

Conduct telephone interviews assessing sleep quality of patients receiving nocturnal hemodialysis. Patients also provide daily diary data (4 times/day for one week) via IVR (interactive voice response) technology.

Interpersonal Functioning and Emotion in Borderline Personality

**Principal Investigators:** Scott Beach, SRP, UCSUR
Paul Pilkonis, Psychiatry

**Funder:** National Institutes of Health

**Period:** 07/07-06/12

Recruitment of community subjects across the range of Borderline Personality Disorder for a study of interpersonal functioning and emotion in borderline personality.

IVR Falls Intervention

**Principal Investigators:** Scott Beach, SRP, UCSUR
Steven Albert, Behavioral and Community Health Sciences

**Funder:** Centers for Disease Control

**Period:** 10/10-07/12

Monthly Interactive Voice Response (IVR) telephone interviews over two years with 100 older adults participating in a falls prevention trial.

Phase Shift Tolerance in the Elderly

**Principal Investigators:** Scott Beach, SRP, UCSUR
Timothy Monk, Psychiatry

**Funder:** National Institute on Aging

**Period:** 04/07-03/11

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 Public Schools’ Excellence for All

**Principal Investigators:** Scott Beach, SRP, UCSUR
Shannah Tharp-Taylor, RAND Corporation

**Funder:** Fund for Excellence (consortium of Pittsburgh foundations)

**Period:** 03/08-present

Conduct web-based and paper surveys of principals and teachers from Pittsburgh Public Schools (K-12) as part of an evaluation of the Instructional Improvements Initiative.

Psychological Stress Exposure: Real-time and Structured Interview Technologies

**Principal Investigators:** Scott Beach, SRP, UCSUR
Thomas Kamarck, Psychology

**Funder:** National Institutes of Health

**Period:** 08/07-04/11

Assist in computerization of the LEAP stress exposure structured interview instrument; assist in the conduct of a study to explore a new measure of psychosocial stress in real-time settings using interactive voice response (IVR) technology.

Reported Practices of Nurse Recognition and Management of Patient Ventilator Dyssynchrony (PVD)

**Principal Investigators:** Scott Beach, SRP, UCSUR
Karen Mellott, Nursing

**Funder:** National Institute of Nursing Research

**Period:** 12/10-06/11

Web-based survey of 375 nursing professionals to explore knowledge and skills regarding Patient Ventilator Dyssynchrony (PVD) to help inform educational interventions.
Projects, continued

Sanctuary Model Implementation Evaluation Survey
Principal
Investigators: Scott Beach, SRP, UCSUR  Brad Stein, Community Care Behavioral Health
Funders: Andrus Foundation  Pennsylvania Department of Public Works
Period: 07/08-12/10
Conduct annual Web-based and paper surveys of 2000 staff of youth and family service agencies to assess experiences and perceptions of newly implemented Sanctuary Model at their agency.

Understanding Race and Culture in Living Donor Kidney Transplantation Among Veterans
Principal
Investigators: Scott Beach, SRP, UCSUR  Larissa Myascovsky, Pittsburgh VA Healthcare System
Funder: Pittsburgh VA Healthcare System
Period: 04/10-07/12
Telephone interviews with 600 veteran kidney transplant candidates focusing on attitudes, knowledge, and family factors in transplant decision-making.

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: 04/07-present
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 Impact of Chronic Pruritus
Principal
Investigators: Scott Beach, SRP, UCSUR  Suephy Chen, Atlanta VA
Funder: Atlanta VA Healthcare System
Period: 04/10-03/11
Conduct telephone surveys of 2,000 veterans across the United States to assess the prevalence and impact of chronic pruritis.

Social Behaviors and Health in Older Adulthood: A Secure Base from which to Thrive
Principal
Investigators: Scott Beach, SRP, UCSUR  Brooke Feeney, Carnegie Mellon University
Funder: National Institutes of Health
Period: 04/11-03/13
Telephne recruitment of 250 older couples over two years for a study of specific social behaviors that are responsible for the effects of social relations on health and well-being in older adulthood.

Understanding Race and Culture in Living Donor Kidney Transplantation
Principal
Investigators: Scott Beach, SRP, UCSUR  Larissa Myascovsky, Pittsburgh VA Healthcare System
Funder: National Institutes of Health
Period: 09/09-08/14
Telephone interviews with 1,200 kidney transplant candidates focusing on attitudes, knowledge, and family factors in transplant decision-making.

Undergraduate Student Satisfaction and Retention Study
Principal
Investigators: Scott Beach, SRP, UCSUR  Donald Musa, SRP, UCSUR  Patricia Beeson, Office of the Provost  Juan Manfredi, Office of the Provost
Funder: University of Pittsburgh Office of the Provost
Period: 09/05-present
Conduct telephone and Web-based surveys of University of Pittsburgh undergraduate students and withdrawing students to determine factors related to student satisfaction and retention.

Western Pennsylvania Manufacturing Industry Study
Principal
Investigators: Scott Beach, SRP, UCSUR  Christine Kush, Katz Graduate School of Business
Funder: University of Pittsburgh Katz Graduate School of Business-Institute for Entrepreneurial Excellence
Period: ongoing
Assist with the conduct and statistical analysis of a Web-based survey of local manufacturing firms focusing on their performance and business practices.
Estimating the Supply and Demand of Affordable Housing in Allegheny County

**Principal Investigator:** Sabina Deitrick, URA, UCSUR
**Funder:** Housing Alliance of Pennsylvania
**Period:** 08/10-04/11

This project estimated the supply and demand of affordable housing in the City of Pittsburgh and Allegheny County and review existing housing rehabilitation programs for the Housing Alliance project *Lessons from the Foreclosure Crisis: An Agenda for Rebuilding Pennsylvania’s Housing Market*.

Impacts of Vanpooling in Pennsylvania and SWPA and Future Opportunities

**Principal Investigator:** Sabina Deitrick, URA, UCSUR
**Funder:** Pennsylvania Department of Transportation
**Period:** 06/09-12/10

The objective of this work analyzed the current conditions for vanpooling in Pennsylvania with an emphasis on SWPA, reviewed the current programs of SWPA Commission and other vanpooling operations, and developed a model for an expansion of vanpooling programs. In addition, the project assessed vanpooling options today and what new options can be developed under different funding and agency scenarios.

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 Neighborhood and Community Information System

**Principal Investigator:** Sabina Deitrick, URA, UCSUR
**Funder:** Pittsburgh Partnership for Neighborhood Development, multiple funders
**Period:** 07/03-12/12

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

Small Colleges and Universities and Their Economic and Community Impacts

**Principal Investigator:** Sabina Deitrick, URA, UCSUR
**Funder:** McCune Foundation
**Period:** 10/09-09/11

The study assessed the economic and community impact of small, private liberal arts colleges located in Western Pennsylvania and West Virginia on the towns in which they are located. The study extended a pilot study conducted from 11/09-01/10 to focus on prototype colleges in order to test the proposed methodology and determine what factors play a key role in determining the colleges’ economic and community impact.

Lawrenceville New and Former Resident Survey

**Principal Investigator:** Robert Gradeck, URA, UCSUR
**Funder:** Urban Redevelopment Authority of Pittsburgh
**Period:** 02/11-12/11

Survey of recent movers to and from the Lawrenceville neighborhood in Pittsburgh to help the community understand changes in neighborhood residents and why movers move to Lawrenceville.

Mt. Oliver and Hilltop Communities Data Collection

**Principal Investigator:** Robert Gradeck, URA, UCSUR
**Funder:** Hilltop Alliance
**Period:** 08/10-12/10

This project will incorporate administrative data from Mt. Oliver borough into the Pittsburgh Neighborhood and Community Information System and analyze housing and foreclosure data in the Hilltop communities of Pittsburgh.

Pittsburgh Public School Realignment

**Principal Investigator:** Robert Gradeck, URA, UCSUR
**Funder:** Pittsburgh Public Schools
**Period:** 04/11-07/11

Public, private, and charter school enrollment data and neighborhood demographic data were used to inform the school district’s redistricting process.
Projects, continued

Evaluation of a First-person Vision Technology

**Principal**

**Investigators:** Judith Matthews, Gerontology, UCSUR  
Scott Beach, SRP, UCSUR  
Martial Hebert, Carnegie Mellon University  
Laurel Person Mecca, QDAP, UCSUR  
Richard Schulz, Gerontology, UCSUR

**Funder:** National Science Foundation  
**Period:** 06/10-05/12

Wearable devices equipped with audio and video sensors enable inferences to be made about what individuals are doing, when they might need or want assistance, and the nature of their interaction. Older adults, their spouses, and caregiving dyads dealing with moderate to severe dementia engage in usability testing of prototype first-person vision devices at home.

Virtual Coaching of Therapeutic Exercise for Knee Osteoarthritis

**Principal**

**Investigators:** Judith Matthews, Gerontology, UCSUR  
Elizabeth Schlenk, Nursing  
Reid Simmons, Carnegie Mellon University

**Funder:** National Science Foundation  
**Period:** 06/10-05/12

Preliminary evaluation of responsiveness of persons with osteoarthritis of the knee and healthy controls to a virtual coach system that provides instruction, guidance, and feedback during performance of therapeutic exercise. This system addresses the challenge of nonadherence to home-based regimens typically prescribed as an adjunct to outpatient physical therapy and for maintenance of functional gains achieved during intensive treatment.

Monitoring Human Performance with Wearable Accelerometers

**Principal**

**Investigators:** Judith Matthews, Gerontology, UCSUR  
Jennifer Brach, Health and Rehabilitation Sciences  
Jessica Hodgins, Carnegie Mellon University  
Mark Redfern, Bioengineering

**Funder:** National Science Foundation  
**Period:** 09/09-08/12

Motion capture studies of persons with and without mobility disability, in order to learn how they perform complex actions involving locomotion and balance and to explore the utility of a wearable motion capture device for evaluation of mobility in non-clinical settings.

Experiential Learning for Veterans in Assistive Technology and Engineering (ELeVATE)

**Principal**

**Investigators:** Laurel Person Mecca, QDAP, UCSUR  
Mary Goldberg, Rehabilitation Science and Technology

**Funder:** National Science Foundation  
**Period:** 03/11-02/12

Conduct a series of semi-structured interviews with ELeVATE student interns and mentors and code results to gauge satisfaction with the program and to assess students’ domain knowledge and research skills.

Usability of a Multi-user Health Kiosk

**Principal**

**Investigators:** Judith Matthews, Gerontology, UCSUR  
Scott Beach, SRP, UCSUR  
Karen Courtney, University of Victoria  
Laurel Person Mecca, QDAP, UCSUR  
Richard Schulz, Gerontology, UCSUR

**Funder:** National Science Foundation  
**Period:** 06/10-05/12

Laboratory and community-based testing of a prototype multi-user health kiosk designed for older adults to self-monitor selected physiologic and physical parameters, self-report health and functional ability, and share these data with designated health care providers.

Patterns of Substance Use Among Aging HIV Positive and Negative MSM

**Principal**

**Investigators:** Laurel Person Mecca, QDAP, UCSUR  
David Halpern, QDAP, UCSUR  
Jessica Griffin Burke, Behavioral and Community Health Sciences

**Funder:** National Institute on Drug Abuse  
**Period:** 06/10-12/10

The goal of this study is to examine the patterns of substance use over time among a cohort of HIV positive and negative gay men who are participating in the Multicenter AIDS Cohort Study (MACS). Transcribed interviews with gay men over the age of 50.

Research Experience for Undergraduates (REU) Program Evaluation

**Principal**

**Investigators:** Laurel Person Mecca, QDAP, UCSUR  
Mary Goldberg, Rehabilitation Science and Technology

**Funder:** National Science Foundation  
**Period:** 06/09-04/11

Conduct a series of semi-structured interviews with REU student interns and mentors and code results to gauge satisfaction with the program and to assess students’ domain knowledge and research skills.
Workforce Turnover in the Behavioral Health Field

**Principal Investigators:** Laurel Person Mecca, QDAP, UCSUR  
Amy Herschell, Psychiatry  

**Funder:** Community Care Behavioral Health  

**Period:** 03/10-01/11

Code interviews with community-based practitioners who have left their respective agencies over the last few years to determine issues related to staff turnover.

Physiological Indicators of Perceived Suffering in a Loved One's Spousal Reactions

**Principal Investigators:** Joan Monin, Yale University  
Richard Schulz, Gerontology, UCSUR  

**Funder:** Ruth L. Kirschstein National Research Service Award  

**Period:** 08/08-07/10

The proposed research will focus on the manifestation of suffering in care recipients with musculoskeletal conditions, specifically individuals with osteoarthritis and lower back pain, and the ways suffering impacts on spousal caregivers.

Analysis of U.S. News & World Report Law School Rankings

**Principal Investigators:** Donald Musa, QDAP, UCSUR  
Mary Crossley, Law  

**Funder:** University of Pittsburgh School of Law  

**Period:** 06/10-12/10

Analyze the U.S. News & World Report annual ranking of law schools for the University of Pittsburgh Law School to better understand the factors that contribute to the rankings and develop insight into the effects of potential Law School modifications.

Barriers, Understanding, Integration - Life Cycle Development (BUILD)

**Principal Investigators:** Donald Musa, QDAP, UCSUR  
Laurel Person Mecca, QDAP, UCSUR  
Kevan Schultz, QDAP, UCSUR  
Melissa Bilec, Civil and Environmental Engineering  
Amy Landis, Civil and Environmental Engineering  

**Funder:** National Science Foundation  

**Period:** 09/10-08/11

Facilitated, transcribed, and coded focus groups with members of the architecture, engineering, and construction (A/E/C) communities regarding barriers and possible solutions to life cycle assessment (LCA).

Beyond Formal Institutions: Legislative Member Organizations in a Comparative Perspective

**Principal Investigators:** Donald Musa, QDAP, UCSUR  
David Halpern, QDAP, UCSUR  
Jennifer Nicoll Victor, Political Science  

**Funder:** University of Pittsburgh Steven D. Manners Faculty Development Award  

**Period:** 06/10-04/11

Transcribed interviews with U.S. Congress, European Parliament, and Scottish Parliament legislators and their staff examining the activities of legislative member organizations, how they operate, and how they relate to actors outside of the legislative arena.

Breaking the Cycle of Teenage Pregnancy: Can Mothers Influence their Daughters’ Contraceptive Behavior?

**Principal Investigators:** Donald Musa, QDAP, UCSUR  
David Halpern, QDAP, UCSUR  
Justine Wu, University of Medicine and Dentistry of New Jersey  

**Funder:** American Academy of Family Physicians Foundation  

**Period:** 04/11-present

Transcribed interviews with women who have experienced adolescent pregnancy to evaluate factors that may contribute to or deter the intergenerational cycle of unintended pregnancy.

Breast and Cervical Cancer Screening in Obese Women

**Principal Investigators:** Donald Musa, QDAP, UCSUR  
Kevan Schultz, QDAP, UCSUR  
Jeanne Ferrante, University of Medicine and Dentistry of New Jersey  

**Funder:** National Cancer Institute  

**Period:** 04/07-09/10

Transcribed interviews with obese women regarding delay in breast and cervical cancer screening.

Breastfeeding in Late Preterm Infant: A Grounded Theory Study

**Principal Investigators:** Donald Musa, QDAP, UCSUR  
Kevan Schultz, QDAP, UCSUR  
Jill Radtke, Nursing  

**Funder:** National Institute of Nursing Research  

**Period:** 02/11-present

Transcribe interviews with mothers of late preterm infants (34-37 weeks gestation) regarding the process of breastfeeding initiation and continuation.
Projects, continued

Communication and Decision Making for a Critically and Terminally Ill Elder

Principal

Investigators: Donald Musa, QDAP, UCSUR
Laurel Person Mecca, QDAP, UCSUR
Kevan Schultz, QDAP, UCSUR
Amber Barnato, Medicine
Daniel Hall, Surgery

Funders: National Cancer Institute, Greenwall Foundation

Period: 9/10-5/11

Coded simulations of a patient with end-stage cancer to assess and compare the communication and decision-making processes of hospital-based physicians.

HEALTH for Families

Principal

Investigators: Donald Musa, QDAP, UCSUR
David Halpern, QDAP, UCSUR
Laurel Person Mecca, QDAP, UCSUR
Patricia Cluss, Psychiatry
Linda Ewing, Psychiatry

Funder: National Center on Minority Health and Health Disparities

Period: 09/10-09/11

Transcribed and coded interviews with primary caregivers of low-income obese children ages 2-11 years regarding a weight management intervention program.

Development and Broadband Internet Access in East Africa

Principal

Investigators: Donald Musa, QDAP, UCSUR
Kevan Schultz, QDAP, UCSUR
Mark Graham, Oxford University

Funders: Economic and Social Research Council, the UK Department for International Development, John Fell Fund, British Academy

Period: 10/10-12/10

Transcribed interviews with business managers and government officials regarding how broadband internet access in Kenya and Rwanda is transforming how businesses interact with the rest of the world.

Implementation of a Global Studies Certificate

Principal

Investigators: Donald Musa, QDAP, UCSUR
David Halpern, QDAP, UCSUR
Michael Gunzenhauser, Education

Funder: Research Development Funds

Period: 06/10-present

Transcribed interviews with a local school district’s teachers and administrators in order to understand the process of starting a new Global Scholars’ program in place of the International Baccalaureate program.

Japanese Women’s Resistance to Pap Smears in the U.S.

Principal

Investigators: Donald Musa, QDAP, UCSUR
Kohhei Nakagawa, UPMC

Funder: UPMC Shadyside Hospital Competitive Research Fund

Period: 05/11-09/11

Coded focus groups with indigenous Japanese women currently living in the U.S. regarding their knowledge of and potential resistance to cervical cancer screenings.

Factors Affecting Men’s Decisions Regarding Prostate Cancer Screening and Treatment

Principal

Investigators: Donald Musa, QDAP, UCSUR
Kevan Schultz, QDAP, UCSUR
Jeanne Ferrante, University of Medicine and Dentistry of New Jersey

Funder: Department of Defense

Period: 03/09-07/10

Transcribed interviews with men regarding influences on their decisions regarding prostate cancer screening, diagnosis, and treatment.

Oxford e-Social Science

Principal

Investigators: Donald Musa, QDAP, UCSUR
Kevan Schultz, QDAP, UCSUR
Eric Meyer, Oxford University

Funder: Economic and Social Research Council

Period: 07/10-10/11

Transcribed interviews with researchers across all disciplines regarding the use and impacts of using information and communication technology to conduct scholarly research, or “e-research.”
PARIS Community Electronic Health Record
Principal
Investigators: Donald Musa, QDAP, UCSUR
David Halpern, QDAP, UCSUR
Andrew Burton-Jones, University of British Columbia
Funder: Social Science and Humanities Research Council of Canada
Period: 03/11-present

Transcribe interviews and focus groups with users of the Primary Access Regional Information System (PARIS) electronic health record system regarding the system's efficacy.

Partnerships for Families
Principal
Investigators: Donald Musa, QDAP, UCSUR
Lovie Jackson, Social Work
Funder: National Institute of Mental Health
Period: 08/10-09/10

Transcribed interviews with clinicians regarding the Alternatives for Families - Cognitive Behavioral Therapy (AF-CBT) Intervention.

Pittsburgh Regional Initiative for Diabetes Education (PRIDE)
Principal
Investigators: Donald Musa, QDAP, UCSUR
David Halpern, QDAP, UCSUR
Laurel Person Mecca, QDAP, Ulovi/CSUR
Kevan Schultz, QDAP, UCSUR
Barbara Barnes, UPMC
Luke Ling, UPMC
Funder: U.S. Department of Defense
Period: 07/11-present

Conduct, transcribe, and code interviews with 18-54 year olds at risk for Type II diabetes regarding a newly developed diabetes educational website.

Preferences about Treatment of Chronic Pain and Sub-threshold Depression in Late-Life
Principal
Investigators: Donald Musa, QDAP, UCSUR
Laurel Person Mecca, QDAP, UCSUR
Jordan Karp, Psychiatry
Funders: Clinical and Translational Science Institute, RAND-University of Pittsburgh Health Institute
Period: 08/09-07/10

The goal of this study is to learn about patient and Primary Care Physician (PCP) preferences for treatment of people aged 60 and older with chronic pain and mild depression. Semi-structured interviews with 20 patients and 10 PCPs will inform the design of a clinical trial of treatments most preferred by both patients and PCPs.

Preventing Postpartum Weight Retention Among Low-income, Black Women
Principal
Investigators: Donald Musa, QDAP, UCSUR
Kevan Schultz, QDAP, UCSUR
Sharon Herring, Temple University
Funder: National Institutes of Health
Period: 06/11-present

Transcribed interviews with Black mothers during pregnancy and over the first postpartum year regarding social contextual factors on weight-related behaviors.

Psychological and Physical Health of Older African American Men
Principal
Investigators: Donald Musa, QDAP, UCSUR
David Halpern, QDAP, UCSUR
Besangie Sellars, Graduate School of Public Health
Funder: Center for Minority Health
Period: 07/10-12/10

Transcribed interviews with 70+ year old African American men regarding social supports they identify as integral to healthy development.

Recruitment, Retention, and Experiences of Students of Color
Principal
Investigators: Donald Musa, QDAP, UCSUR
David Halpern, QDAP, UCSUR
Angela Locks, California State University-Long Beach
Funder: Research Development Funds
Period: 01/11-02/11

Transcribed focus groups with minority community college students regarding the academic and social support needed to support their successful transfer to a four-year campus.

Research Center of Excellence in Minority Health Disparities
Principal
Investigators: Donald Musa, QDAP, UCSUR
Kevan Schultz, QDAP, UCSUR
Craig Fryer, University of Maryland, College Park
Funder: National Institutes of Health
Period: 03/10-03/11

Transcribed focus groups with African American youth ages 16-21, who are current or former cigarette smokers regarding their experiences with cigarette smoking and potential nicotine dependence.
<table>
<thead>
<tr>
<th>Project</th>
<th>Principal</th>
<th>Investigators</th>
<th>Funder</th>
<th>Period</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Research Center of Excellence in Minority Health Disparities at the University of Pittsburgh</td>
<td>Principal: Donald Musa, QDAP, UCSUR&lt;br&gt;Stephen Thomas, University of Maryland, College Park</td>
<td>Donald Musa, QDAP, UCSUR&lt;br&gt;Stephen Thomas, University of Maryland, College Park&lt;br&gt;Donald Musa, QDAP, UCSUR&lt;br&gt;Stephen Thomas, University of Maryland, College Park&lt;br&gt;Donald Musa, QDAP, UCSUR&lt;br&gt;Stephen Thomas, University of Maryland, College Park&lt;br&gt;Donald Musa, QDAP, UCSUR&lt;br&gt;Stephen Thomas, University of Maryland, College Park&lt;br&gt;Donald Musa, QDAP, UCSUR&lt;br&gt;Stephen Thomas, University of Maryland, College Park</td>
<td>National Center on Minority Health and Health Disparities</td>
<td>04/09-08/10</td>
<td>Conduct analyses and provide consultation contributing to project goal of translating evidence-based research into community-based interventions designed to prevent disease and promote health in Pittsburgh’s African American community.</td>
</tr>
<tr>
<td>Sensemaking Following a Work-related Trauma</td>
<td>Principal: Donald Musa, QDAP, UCSUR&lt;br&gt;David Halpern, QDAP, UCSUR&lt;br&gt;Sally Maitlis, University of British Columbia</td>
<td>Donald Musa, QDAP, UCSUR&lt;br&gt;David Halpern, QDAP, UCSUR&lt;br&gt;Sally Maitlis, University of British Columbia&lt;br&gt;Donald Musa, QDAP, UCSUR&lt;br&gt;David Halpern, QDAP, UCSUR&lt;br&gt;Sally Maitlis, University of British Columbia&lt;br&gt;Donald Musa, QDAP, UCSUR&lt;br&gt;David Halpern, QDAP, UCSUR&lt;br&gt;Sally Maitlis, University of British Columbia&lt;br&gt;Donald Musa, QDAP, UCSUR&lt;br&gt;David Halpern, QDAP, UCSUR&lt;br&gt;Sally Maitlis, University of British Columbia</td>
<td>Social Science and Humanities Research Council</td>
<td>03/10-present</td>
<td>Transcribed interviews with professional artists regarding their careers following debilitating injury.</td>
</tr>
<tr>
<td>Skin Cancer in Hispanic Communities</td>
<td>Principal: Donald Musa, QDAP, UCSUR&lt;br&gt;Elliot Coups, University of Medicine and Dentistry of New Jersey&lt;br&gt;Marsha Gordon, University of Medicine and Dentistry of New Jersey</td>
<td>Donald Musa, QDAP, UCSUR&lt;br&gt;Elliot Coups, University of Medicine and Dentistry of New Jersey&lt;br&gt;Marsha Gordon, University of Medicine and Dentistry of New Jersey&lt;br&gt;Donald Musa, QDAP, UCSUR&lt;br&gt;Elliot Coups, University of Medicine and Dentistry of New Jersey&lt;br&gt;Marsha Gordon, University of Medicine and Dentistry of New Jersey&lt;br&gt;Donald Musa, QDAP, UCSUR&lt;br&gt;Elliot Coups, University of Medicine and Dentistry of New Jersey&lt;br&gt;Marsha Gordon, University of Medicine and Dentistry of New Jersey&lt;br&gt;Donald Musa, QDAP, UCSUR&lt;br&gt;Elliot Coups, University of Medicine and Dentistry of New Jersey&lt;br&gt;Marsha Gordon, University of Medicine and Dentistry of New Jersey</td>
<td>National Cancer Institute</td>
<td>06/11-07/11</td>
<td>Transcribed English interviews and translated and transcribed Spanish language interviews with Hispanic adults about their beliefs and behaviors regarding protection from the sun and their perceptions of risk of contracting skin cancer as a result of sun exposure.</td>
</tr>
<tr>
<td>The Internet and Social Worlds</td>
<td>Principal: Donald Musa, QDAP, UCSUR&lt;br&gt;David Halpern, QDAP, UCSUR&lt;br&gt;Mary Rauktis, Social Work</td>
<td>Donald Musa, QDAP, UCSUR&lt;br&gt;David Halpern, QDAP, UCSUR&lt;br&gt;Mary Rauktis, Social Work&lt;br&gt;Donald Musa, QDAP, UCSUR&lt;br&gt;David Halpern, QDAP, UCSUR&lt;br&gt;Mary Rauktis, Social Work&lt;br&gt;Donald Musa, QDAP, UCSUR&lt;br&gt;David Halpern, QDAP, UCSUR&lt;br&gt;Mary Rauktis, Social Work&lt;br&gt;Donald Musa, QDAP, UCSUR&lt;br&gt;David Halpern, QDAP, UCSUR&lt;br&gt;Mary Rauktis, Social Work&lt;br&gt;Donald Musa, QDAP, UCSUR&lt;br&gt;David Halpern, QDAP, UCSUR&lt;br&gt;Mary Rauktis, Social Work</td>
<td>Pennsylvania Department of Public Welfare</td>
<td>06/11-09/11</td>
<td>Transcribed focus groups with social workers regarding mobile technology use while working in the field.</td>
</tr>
<tr>
<td>The Use of Mobile Technology in Caseworker Visits to Children in Federally Defined Foster Care</td>
<td>Principal: Donald Musa, QDAP, UCSUR&lt;br&gt;David Halpern, QDAP, UCSUR&lt;br&gt;Mary Rauktis, Social Work</td>
<td>Donald Musa, QDAP, UCSUR&lt;br&gt;David Halpern, QDAP, UCSUR&lt;br&gt;Mary Rauktis, Social Work&lt;br&gt;Donald Musa, QDAP, UCSUR&lt;br&gt;David Halpern, QDAP, UCSUR&lt;br&gt;Mary Rauktis, Social Work&lt;br&gt;Donald Musa, QDAP, UCSUR&lt;br&gt;David Halpern, QDAP, UCSUR&lt;br&gt;Mary Rauktis, Social Work&lt;br&gt;Donald Musa, QDAP, UCSUR&lt;br&gt;David Halpern, QDAP, UCSUR&lt;br&gt;Mary Rauktis, Social Work&lt;br&gt;Donald Musa, QDAP, UCSUR&lt;br&gt;David Halpern, QDAP, UCSUR&lt;br&gt;Mary Rauktis, Social Work</td>
<td>Pennsylvania Department of Public Welfare</td>
<td>06/11-09/11</td>
<td>Transcribed focus groups with social workers regarding mobile technology use while working in the field.</td>
</tr>
<tr>
<td>Veteran’s Evidence-based Research, Dissemination and Implementation Center (VERDICT): Learning and Relationships in Primary Care Clinical Microsystems - Formerly Integration of Knowledge Management and Service Delivery in Primary Care</td>
<td>Principal: Donald Musa, QDAP, UCSUR&lt;br&gt;David Halpern, QDAP, UCSUR&lt;br&gt;Michael Parchman, South Texas Veterans Health Care System</td>
<td>Donald Musa, QDAP, UCSUR&lt;br&gt;David Halpern, QDAP, UCSUR&lt;br&gt;Michael Parchman, South Texas Veterans Health Care System&lt;br&gt;Donald Musa, QDAP, UCSUR&lt;br&gt;David Halpern, QDAP, UCSUR&lt;br&gt;Michael Parchman, South Texas Veterans Health Care System&lt;br&gt;Donald Musa, QDAP, UCSUR&lt;br&gt;David Halpern, QDAP, UCSUR&lt;br&gt;Michael Parchman, South Texas Veterans Health Care System&lt;br&gt;Donald Musa, QDAP, UCSUR&lt;br&gt;David Halpern, QDAP, UCSUR&lt;br&gt;Michael Parchman, South Texas Veterans Health Care System&lt;br&gt;Donald Musa, QDAP, UCSUR&lt;br&gt;David Halpern, QDAP, UCSUR&lt;br&gt;Michael Parchman, South Texas Veterans Health Care System</td>
<td>U.S. Department of Veterans Affairs</td>
<td>07/09-10/11</td>
<td>Transcribed interviews with staff at VA clinics in the South Texas area regarding staff working with one another in order to promote learning among VA employees and resolve conflicts.</td>
</tr>
<tr>
<td>Daily Individual and Marital Processes in Osteoarthritis</td>
<td>Principal: Richard Schulz, Gerontology, UCSUR&lt;br&gt;Lynn Martire, Penn State University</td>
<td>Richard Schulz, Gerontology, UCSUR&lt;br&gt;Lynn Martire, Penn State University&lt;br&gt;Richard Schulz, Gerontology, UCSUR&lt;br&gt;Lynn Martire, Penn State University&lt;br&gt;Richard Schulz, Gerontology, UCSUR&lt;br&gt;Lynn Martire, Penn State University&lt;br&gt;Richard Schulz, Gerontology, UCSUR&lt;br&gt;Lynn Martire, Penn State University&lt;br&gt;Richard Schulz, Gerontology, UCSUR&lt;br&gt;Lynn Martire, Penn State University&lt;br&gt;Richard Schulz, Gerontology, UCSUR&lt;br&gt;Lynn Martire, Penn State University</td>
<td>National Institute on Aging</td>
<td>09/07-08/12</td>
<td>This study focuses on the effects of spousal social support and control on older osteoarthritis patients’ daily functioning, illness cognitions, and physical activity.</td>
</tr>
</tbody>
</table>
Data Management and Statistical Resources
Core: Pittsburgh Mind Body Center II
Principal
Investigators: Richard Schulz, Gerontology, UCSUR
Karen Matthews, Psychiatry
Michael Scheier, Carnegie Mellon University
Funder: National Heart, Lung and Blood Institute
Period: 09/04-06/11
Provide a data management infrastructure and statistical support to Pittsburgh Mind Body Center investigators.

Geriatric Education Center of Pennsylvania (GEC/PA)
Principal
Investigator: Richard Schulz, Gerontology, UCSUR
Funder: Health Resources and Services Administration
Period: 07/10-06/15
The GEC/PA is a consortium of the University of Pittsburgh, Penn State University, and UPMC, with Pitt as the lead institution. The GEC/PA will focus on training to enhance geriatric mental health expertise throughout the state.

Intervention to Facilitate Family Caregiver Adaptation to Nursing Home Transition
Principal
Investigators: Richard Schulz, Gerontology, UCSUR
Funder: National Institute of Nursing Research
Period: 07/07-05/12
Assess the effects of an intervention designed to enhance health and quality of life of caregivers and their placed relatives by focusing on caregivers who recently placed their relative in a long-term care facility.

Measuring Suffering in Persons with Alzheimer’s Disease
Principal
Investigators: Richard Schulz, Gerontology, UCSUR
Funder: Alzheimer’s Association
Period: 09/07-08/10
The purpose of this study is to show that patient suffering is a measurable and unique feature of the Alzheimer’s Disease patient experience and that it independently contributes to caregiver health and well-being.

Mind-body Interactions in Neuro-oncology Family Caregivers
Principal
Investigators: Richard Schulz, Gerontology, UCSUR
Paula Sherwood, Nursing
Funder: National Cancer Institute
Period: 05/07-04/12
The purpose of this study is to explore psycho-behavioral and biologic interactions in neuro-oncology caregivers.

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: 06/06-05/12
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.

Social Behaviors and Health in Older Adulthood: A Secure Base from which to Thrive
Principal
Investigators: Richard Schulz, Gerontology, UCSUR
Brooke Feeney, Carnegie Mellon University
Funder: National Institutes of Health
Period: 04/10-03/15
The purpose of this study is to identify specific social behaviors that are responsible for the effects of social relations on health and well-being in older adulthood. In particular, focus on social behaviors that occur within the closest relationships of older adults and involve the support of older adults’ exploration, goal strivings, and continued self-growth.

The Advanced Center for Intervention and Services Research, Research Methods Core
Principal
Investigators: Richard Schulz, Gerontology, UCSUR
Charles F. Reynolds III, Psychiatry
Funder: National Institute of Mental Health
Period: 07/11-06/16
Focus on the social, psychological, and behavioral factors relevant to understanding the interactive nature of physical illness and depression in late life.

Competiveness Research
Principal
Investigator: Vijai Singh, Office of the Chancellor
Funders: Heinz Endowments, Consolidated Natural Gas
Period: ongoing
Projects include analysis of factors which promote regional competitiveness of the biotech industry in Pittsburgh. Partner in a research network with Transatlantic Comparison of Continental Innovation Models. Project Director: Professor Ulrich Hilpert, University of Jena, Germany.
Publications 2010–11

Journals


Newberry, A., Kuo, J., Donovan, H., Given, B., Given, C.W., Schulz, R., and Sherwood, P. (in press). Identifying Family Members who are Likely to Perceive Benefits from Providing Care to a Person with a Primary Malignant Brain Tumor. *Onology Nursing Forum.*


Technical Reports


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

www.ucsur.pitt.edu