University Center for Social and Urban Research

annual report
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Annual Report
July 1, 2012–June 30, 2013

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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:

- Conduct all types of survey research, including complex Web surveys
- Carry out regional econometric modeling
- Analyze qualitative data using state-of-the-art computer methods
- Obtain, format, and analyze spatial data
- Acquire, manage, and analyze large secondary and administrative data sets including Census data
- Design and carry out descriptive, evaluation, and intervention studies
- 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.
A major achievement of the last decade has been to put in place a permanent research infrastructure with the capacity to conduct all types of survey research; carry out regional econometric modeling; obtain, format, and analyze spatial data; acquire, manage, and analyze large secondary and primary data sets; and carry out computer-based qualitative analyses. These services are used by faculty from every school of the University and provide a platform for training graduate students and postdoctoral fellows, mentoring junior faculty, and serving the community. How do these services translate into metrics important for the status of major research universities?

Each year we submit to the Planning and Budget Committee of the University a report detailing center performance on multiple indicators. A synopsis of accomplishments for the most recent year is presented below.

**Publications**
- 42 peer reviewed publications
- Quality of Life Technology Handbook published in 2013
- 17 book chapters published
- Using Google Scholar search, number of citations to center publications since 2009 is 12,942
- 24 conference presentations
- 15 invited addresses worldwide

**Research**
- 73 funded grants on which center faculty/staff served as PI, Co-I, or staff, generating more than $19 million

**Mentoring**
- 3 junior faculty
- 6 postdoctoral fellows
- 142 students (133 graduate students enrolled in Gerontology Certificate Program, 9 undergraduate)

**Community Service**
- 7 funded projects completed for local nonprofit/public sector clients: Urban Redevelopment Authority of Pittsburgh (2); Pittsburgh Public Schools; Pittsburgh Regional Alliance (2); Neighborworks; Heinz Endowments
- 5 major technical reports focused on Pittsburgh communities and conditions: Pittsburgh Region Quality of Life Survey; Pittsburgh Young Adults Survey; 2010 City of Pittsburgh Neighborhood Census Profiles; Hazelwood Community Profile; Lawrenceville migration study
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:

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 Deitrick
Associate Program Director
Ralph Bangs
Promotes scholarly analysis of urban and regional development through multidisciplinary research and technical assistance in local, national, and international issues. Furthers our understanding of the causes and consequences of regional economic development and social change, enhances the analytic basis for public policy decisions and civic engagement, and aids in the evaluation of policy alternatives.

Geographical Information Systems and Visual Analytics Program
Program Director
Ken Sochats
Provides analytical services relating to mapping and visual display. Program staff have expertise in creating sophisticated maps and the analysis and mining of extremely large databases. The staff have expertise in applying these techniques to a wide variety of disciplines including education, medicine and health, crime, and emergency management.

Qualitative Data Analysis Program (QDAP)
Program Director
Donald Musa
Offers a rigorous approach to qualitative data collection and analysis including focus group facilitation, interviewing, analysis of textual or Web site information; audio and video transcription and analysis; data preparation, cleaning, and management; codebook development and testing, coding and multi-coder adjudication; reliability and validity reporting; and results analysis and expression.

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.
Survey Research Services

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.

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

Computer-assisted telephone interviewing (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 40 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
Audio computer-assisted self interviewing (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.

Research Registry
UCSUR has developed and maintains an IRB-approved research registry currently containing more than 2,000 local residents who have agreed to be contacted for possible surveys and other research studies. The participants are recruited to the registry on an ongoing basis from the pool of respondents to UCSUR-conducted population-based telephone surveys. The registry includes detailed contact information and demographic information including age, gender, race, education level, marital status, household composition, employment status, and income. This allows for targeting of participants for studies with specific eligibility requirements. External investigators can contract with SRP to access the registry for study recruitment.

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

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

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

Report Preparation and Presentation
SRP staff have experience in the production of a variety of reports, including:

- Simple tabulations
- Executive summaries
- In-depth narrative reports
- Oral presentations of results to interested parties

Urban and Regional Analysis Services
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. Through URA’s work, UCSUR is one of two research affiliates of the Pennsylvania State Data Center, the official source of demographic and economic data for the state. UCSUR maintains a repository for electronic and printed Census data.
The Pittsburgh Regional Economic Model

The Pittsburgh Regional Economic Model is a large-scale regional economic 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 for SPC's long range planning.

This is a primary function of the REMI model, which is essential to regional planning because of its extensive demographic modeling capabilities. UCSUR staff provides both technical and research consulting to SPC through the use of the REMI model and its applications to produce an accurate forecast for the region. SPC uses these baseline forecasts from the REMI model to evaluate a range of long term transportation projects for the region and decide on funding priorities. SPC is also required by federal mandate to provide 30-year projections of population and employment to the U.S. 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 important economic and demographic trends that impact the regional economy and the competitiveness of the regional economy. 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 in substantial press coverage and has filled a major need in the region for ongoing study of current economic trends. Recent issues of PEQ addressed these key topics:

• Characteristics of the Unemployed in Pittsburgh in 2012
• Profile of the Foreign-Born Population in the Pittsburgh Region
• Migration and Employment in the Pittsburgh Region
• Brownfield, Greenfield: Remediation and Redevelopment at Nine Mile Run
• Projecting the Impact of Demographic Change in Pittsburgh’s Labor Force

Pittsburgh Neighborhood and Community Information System (PNCIS)

The Pittsburgh Neighborhood and Community Information System (PNCIS) is a property-based information system that has collected, curated, and shared over one hundred indicators from more than twenty data sets vital to community planning and revitalization efforts in Allegheny County and the City of Pittsburgh. Data available through the PNCIS include land use, vacancy, property ownership, crime, foreclosure, tax delinquency, and real estate sales. The data are made available to over 800 trained users representing 200 different organizations through the PNCIS Web site. Training is also provided in-class to students at local universities, many of whom have continued to use PNCIS in their careers. PNCIS promotes and assists in neighborhood development and revitalization through...
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, gerontechnology, law, mental health, nursing, occupational therapy/rehabilitation, public health, and social work.

Whether to gain credentials and skills for a 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 recommended health behaviors.

Qualitative Data Analysis Services
The Qualitative Data Analysis Program (QDAP) at UCSUR provides a resource to the University community in all aspects of 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 and coordination, data collection utilizing interviews, focus groups, and document or website analysis, audio and video transcription, data coding and analysis, and results reporting.

Data Collection and Management
QDAP staff has the expertise to collect and manage a range of qualitative data utilizing a variety of methods and sources. This includes conducting in-depth interviews, facilitating focus groups, and collecting qualitative data from both traditional and innovative sources such as document and textual material, videos, images and other visual
material, and web sources such as websites, blogs and emails. QDAP provides high quality transcription of audio and video recordings for further analysis.

QDAP staff can provide management services ranging from full project management to assistance in the management of data collection including recruitment, screening and scheduling of participants, depending on project needs. Using qualitative data analysis and management software, QDAP staff can also organize and manage qualitative data in preparation for analysis.

Value-Added Coding
Accurate and reliable coding is central to qualitative and mixed methods analysis. QDAP offers a rigorous approach to analyzing a variety of qualitative materials. Experienced coders deliver the data you need in a timely and expert manner 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, Web blogs, e-mails, Web site content, videos and images, results from database searches (such as LexisNexis™), congressional testimony, historical texts, and a host of other unstructured but digitized data sets. QDAP staff works with your research team to craft an analysis plan and codebook with a tailored methodology designed to code the material for key concepts and relationships. Multiple coders can quickly and reliably extract the data you need to reach valid inferences.

QDAP employs University of Pittsburgh students and UCSUR professional staff trained in data collection and in using qualitative analysis software. We maintain a 15-station transcription and qualitative data coding lab which utilizes Olympus transcription software; ATLAS.ti, a widely used qualitative data analysis software package that supports project management, enables multiple coders to collaborate on a single project, and generates output that facilitates the analysis process; Transana, a video coding software package; and a specialized, in-house program for quality control which calculates inter-coder reliability statistics and simplifies adjudication of coder disagreement. On the QDAP Web site, we support the Coding Analysis Toolkit (CAT), a Web-based suite of tools which facilitates post-coding analysis of qualitative data. In addition, we offer training seminars and one-on-one training sessions for faculty, staff and students in using ATLAS.ti, Transana, and other qualitative data analysis software.

Services Provided
- Study design, management, and coordination
- Interviewer training and management
- Participant recruitment
- Data collection including focus group facilitation, in-depth interviewing, and document analysis
- Transcription of audio and video recordings
- Data preparation, cleaning, and management
- Codebook development and testing
- Coding and coding adjudication
- Coder reliability and validity reporting
- Results analysis and expression
- Software training for qualitative data analysis software (ATLAS.ti, Transana, Coding Analysis Toolkit)

Geographical Information Systems and Visual Analytics Services

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.

Sample analytic map showing where impoverished students reside.

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
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.

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 2010 data. UCSUR also acquires and maintains a variety of government statistics, economic and labor market data, and other types of secondary information on a regular basis. This information is available to the academic community and to the general public.

The data acquisition and management services UCSUR provides include:
• Assistance in acquiring secondary data stored at UCSUR to interested individuals and organizations
• Assistance in locating and acquiring a variety of other types of secondary information
• Expertise and consultation in the appropriate use and understanding of various secondary data sources
• Evaluation and interpretation of policy relevant secondary information data for government, business, labor, media and other organizations

UCSUR also conducts demographic, economic and policy research and analysis and reports on secondary data and data trends relevant to the Pittsburgh region, both alone and in combination with various primary data sources. This research is reported through a number of venues, including research reports and newsletters, such as the Pittsburgh Economic Quarterly, and up-to-date neighborhood information on the UCSUR Web site (www.ucsur.pitt.edu).

Information Technology Infrastructure
In 2009 UCSUR invested over $200,000 in its Information Technology (IT) infrastructure. UCSUR provides a robust data management system that focuses on security and data integrity for the programs housed at UCSUR.

Utilizing the latest technology, UCSUR provides its staff and researchers the tools needed to meet cutting-edge information technology standards. Our systems are redundant, reliable, and secure. The technology that UCSUR uses to support its mission is enterprise level software. UCSUR uses the latest techniques in data storage, virtualization, and remote access, enabling the center to cut costs, increase security, and provide the greatest flexibility to continue to support research in a fluid environment.

Relying on the University of Pittsburgh's infrastructure provided by Computing Services & Systems Development (CSSD), UCSUR's IT infrastructure works closely with its CSSD counterpart to ensure that the latest security and network standards are met.

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

In addition, UCSUR has expertise in developing and implementing management information systems and needs assessments. UCSUR provides training and technical assistance to increase the capacity of staff to carry out evaluations, either independently or in collaboration with program evaluation specialists.

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

• 2013 awardees: Brian Beaton and Rosta Farzan, School of Information Sciences; Kathryn Monahan, Psychiatry; Ming-Te Wang, School of Education

• 2012 awardee: Nicholas Castle, Graduate School of Public Health

• 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

• 2009 awardees: Irina Murtazashvili, Economics; Brian A. Primack, Medicine and Pediatrics

• 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 Obshansky, 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

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

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

Board of Visitors

Mr. Michael A. Bryson
Chair, UCSUR’s Board of Visitors
Trustee, University of Pittsburgh
Pittsburgh, PA

Anderson Dodd Smith, PhD
Georgia Institute of Technology
Atlanta, GA

Mr. Earl F. Hord
Emeritus Trustee
University of Pittsburgh
Queen Creek, AZ

James House, PhD
ISR, University of Michigan
Ann Arbor, MI

Larry C. Ledebur, PhD
Cleveland State University
Cleveland, OH

Ms. Cynthia L. Roth
Vice Chancellor
University of Pittsburgh
Pittsburgh, PA
Core Staff

Administration

**Director**
Richard Schulz

**Associate Director**
Scott Beach

**Business Manager**
Greg Six

**Administrators**
Anna Aivaliotis, Donna M. King

**Administrative Assistants**
Philip Crain, Carrie Rodzwicz

**Systems Administrators**
Robert Keene, Eric Wolfe

Survey Research

**Program Director**
Scott Beach

**Research Associate**
Donald Musa

**Senior Research Specialists**
Janet Schlarb, Stephen Strotmeyer

**Database Programmer/Database Administrator**
Robert Keene

**Senior Fieldwork Supervisor**
Lynda Connelly

**Fieldwork Supervisors**
Olivia Kirsch, Olivia Wilson

**Fieldwork Supervisor/Research Specialist**
Amber Barton

**Research Specialists**
Brian Alley, Emily Baehr, Christine Byerly, Kendra King, Patricia Lietz, Elizabeth Scott

Urban and Regional Analysis

**Program Director**
Sabina Deitrick**

**Associate Program Director**
Ralph Bangs**

**Regional Economist**
Christopher Briem

**Research Specialist**
PittsburghTODAY Director
Douglas Heuck

**PittsburghTODAY Research Staff**
Emily Craig, Julia Fraser, Isabel Orozco

**Gerontology**

**Program Director**
Richard Schulz

**Associate Program Director**
Judith Matthews

**Associate Program Director, Geriatric Education Center**
John Hennon

**Project Coordinators**
Amber Barton, Jennifer Bissell, Sally Hostein, Julie Klinger

**Qualitative Data Analysis**

**Program Director**
Donald Musa

**Program Assistant Director**
Laurel Person Mecca

**Research Specialists**
David Halpern, Kevan Schultz

Geographical Information Systems and Visual Analytics Program

**Program Director**
Ken Sochats**

Generations Together

**Emeritus Director/Journal Editor**
Sally Newman

**Indicates participating faculty, not UCSUR staff**
The following individuals serve as faculty associates, representing numerous schools, departments, institutes, and centers.

**Faculty Associates**

Charles David Boucek
Anesthesiology

John P. Williams
Anesthesiology

Richard Scaglion
Anthropology

Steven Albert
Behavioral and Community Health Sciences

Jessica Griffin Burke
Behavioral and Community Health Sciences

Mary Hawk
Behavioral and Community Health Sciences

Edmund Ricci
Behavioral and Community Health Sciences

Ravi Sharma
Behavioral and Community Health Sciences

Mark Redfern
Biomedical Engineering

Gary M. Marsh
Biostatistics

Stanley J. Kabala
Center for Environmental Research and Education

Melissa Bilec
Civil and Environmental Engineering

Amy Landis
Civil and Environmental Engineering

Ronald D. Neufeld
Civil and Environmental Engineering

Catherine V. Palmer
Communication Science and Disorders

Connie A. Tompkins
Communication Science and Disorders

J. Scott Yaruss
Communication Science and Disorders

Rami Melhem
Computer Science

Daniel Moose
Computer Science

Taleb Znati
Computer Science

Douglas White
Critical Care Medicine

James Guggenheimer
Dental Medicine

Mary Maratza
Dental Medicine

Titus Weyant
Dental Medicine

Robert Weyant
Dental Medicine

Frank Giarratani
Economics

Gene Gruver
Economics

Carl I. Fortman
Education

Michael Gunzenhauser
Education

Meryl K. Lazar
Education

Steven R. Lyon
Education

Maureen Porter
Education

Joan I. Vondra
Education

Vince N. Moseaso Jr.
Emergency Medicine

Paul M. Paris
Emergency Medicine

Marcia Landy
English

Jane Clougherty
Environmental and Occupational Health

Steven H. Belle
Epidemiology

Joyce T. Bronnberger
Epidemiology

Jane A. Cauley
Epidemiology

Andrea Kriska
Epidemiology

Joel L. Weissfield
Epidemiology

Jonathan Erlen
Folk 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 Deltrick
Graduate School of Public and International Affairs

David Y. Miller
Graduate School of Public and International Affairs

Jennifer Brach
Health and Rehabilitation Sciences

Dan Ding
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

Margaret Potter
Health Policy and Management

Seymour Drescher
History

Laurence A. Glasco
History

Edward K. Muller
History

Lisa S. Parker
Human Genetics

Anthony J. Silvestre
Infectious Diseases/Microbiology

Mary Betterfield-Sacre
Industrial Engineering

Kenneth Sochats
Information Sciences

Terry Miller
Institute of Politics

Christine Kush
Katz Graduate School of Business

Carrie R. Levine
Katz Graduate School of Business

Mark C. Masters
Katz Graduate School of Business

John E. Prescott
Katz Graduate School of Business

Ronald A. Brand
Law

Mary Crossley
Law

Vivian Currans
Law

Lawrence A. Frolik
Law

Alan Meisel
Law

Richard P. Correnti
Learning and Development Center

Mary Kay Stein
Learning and Development Center

James M. Roberts
Mage-Womens Research Institute

Derek C. Angus
Medicine

Robert M. Arnold
Medicine

Amber Barnato
Medicine

Sonya Borroto
Medicine

Cindy L. Bryce
Medicine

Michael Fine
Medicine

John Kellam Jr.
Medicine

Alvek Mehrotra
Medicine

Anne B. Newman
Medicine

Jill Radlak Demirci
Medicine

P. Sudhakar Reddy
Medicine

Linda Robertson
Medicine

Eric Rodriguez
Medicine

Robert E. Schoen
Medicine

Stephanie Studenski
Medicine

Galyn Switzer
Medicine

Mark Unn
Medicine

Debra K. Weiner
Medicine

Susan Zickmund
Medicine

Andrew N. Weinstub
Music

Edward Stricker
Neuroscience

Catherine Bender
Nursing

Denise Charron-Prochownik
Nursing

Eileen Chassens
Nursing

Annette Delito Dabb
Nursing

Heidi Donovan
Nursing

Susan Sereika
Nursing

Jiyeon Choi
Nursing

Rose C. Constantino
Nursing

Willa A. Dornell
Nursing

Jacqueline Dunbar-Jacob
Nursing

Judith A. Erlen
Nursing

Jennifer Lingler
Nursing

Faith Loydster
Nursing

Ann M. Mitchell
Nursing

Elizabeth A. Schlenk
Nursing

Paula Sherwood
Oncology, Gynecology and Reproductive Services

Aletha Akers
Occupational Therapy

Joan C. Rogers
Occupational Therapy

Pam Toto
Occupational Therapy

Patricia Beeson
Office of the Provost

Juan Manfredi
Office of the Provost

Alberta Sbragia
Office of the Provost

James J. Irgang
Orthopedic Surgery

Bruce S. Rabin
Pathology

Parmjeet Randhawa
Pathology

Raymond Pittella
Pediatrics

Dianna Ploof
Pediatrics

Abhay Vats
Pediatrics

Selma F. Witchell
Pediatrics

Pournamari
Periodontics

Roberta Farrah
Pharmacy

Jessie VanSwearingen
Physical Therapy

John Hurwitz
Political Science

Boris Birmaher
Psychiatry

David Brent
Psychiatry

Charlotte Brown
Psychiatry

Tammy Chung
Psychiatry

Duncan Clark
Psychiatry

Patricia Cluss
Psychiatry

Ronald Dahl
Psychiatry

Mary Amanda Drow
Psychiatry

Andrea Dimartini
Psychiatry

Linda J. Ewing
Psychiatry

Amy Herschell
Psychiatry

Jordan Karp
Psychiatry

Robert S. Marlin
Psychiatry

Karen L. Matthews
Psychiatry

Timothy Monk
Psychiatry

Lisa A. Morrow
Psychiatry

Richard Morycz
Psychiatry

Edward P. Mulvey
Psychiatry

Vishwajit Nimgaonkar
Psychiatry

Paul Pickonis
Psychiatry

Bruce Pollock
Psychiatry

Charles F. Reynolds III
Psychiatry

Neal Ryan
Psychiatry

Magda Stothdamer-Leeber
Psychiatry

Peter Gianaros
Psychiatry

Christina Goark
Psychiatry

Thomas Kammar
Psychiatry

William Klein
Psychiatry

John Levine
Psychiatry

Robert McCull
Psychiatry

Kathryn Rocek
Psychiatry

Daniel Shaw
Psychiatry

Katherine Wisner
Psychiatry

Steven E. Stern
Psychology-Johnstown

Mary Goldberg
Rehabilitation Science and Technology

Nancy Condee
Slavic Languages and Literatures

Vladimir Padunov
Slavic Languages and Literatures

Ralph Bangs
Social Work

Larry E. Davis
Social Work

Rafael J. Engel
Social Work

Rachel Fusco
Social Work

Catherine Greene
Social Work

Lovie Jackson
Social Work

Lambert Maguire
Social Work

Helen Pedracchi
Social Work

Mary Rakulis
Social Work

Tracy M. Soska
Social Work

Hide Yamatani
Social Work

Joyce Bell
Sociology

Kathleen M. Blee
Sociology

Lisa D. Brush
Sociology

Waverly Duck
Sociology

Akiko Hashimoto
Sociology

Vijay P. Singh
Sociology

Daniel Hall
Surgery

James D. Luketch
Surgery

Ron Shapiro
Surgery

Larry Feick
University Center for International Studies

Carolyn J. Carson
Urban Studies Program
Projects*

A Multi-Institutional Study of Hematopoietic Stem Cell Donor Safety
Principal
Investigators: Scott Beach, SRP, UCSUR
Janet Schlarb, 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.

Adult to Adult Living Donor Liver (A2ALL) Transplantation Study: Health-Related Quality of Life Sub-Study
Principal
Investigators: Scott Beach, SRP, UCSUR
Janet Schlarb, 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.

An Examination of Residential Abuse in Assisted Living Facilities
Principal
Investigators: Scott Beach, SRP, UCSUR
Nicholas Castle, Health Policy and Management
Funder: Department of Justice
Period: 01/11-12/12
Consultation on a national study of resident-to-resident abuse in assisted living facilities.

Antibiotic Prescribing for Acute Respiratory Infections: Impact of Shifts in Care
Principal
Investigators: Scott Beach, SRP, UCSUR
Stephen Strotmeyer, SRP, UCSUR
Ateev Mehrotra, Medicine
Funder: National Institutes of Health
Period: 03/12-02/14
Web surveys of 160 nurse practitioners and physicians from UPMC and retail clinics using a vignette methodology to examine antibiotic prescribing behaviors.

Assessing Instructional Content and Interaction at Scale
Principal
Investigators: Scott Beach, SRP, UCSUR
Stephen Strotmeyer, SRP, UCSUR
Richard P. Correnti, LRDC
Funder: National Institutes of Health
Period: 06/08-08/12
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.

Community Stressors and Susceptibility to Air Pollution in Urban Asthma
Principal
Investigators: Scott Beach, SRP, UCSUR
Janet Schlarb, SRP, UCSUR
Jane Clougherty, Environmental and Occupational Health
Funder: EPA STAR
Period: 03/11-02/15
Telephone interviews with 700 residents of New York City to study relationships between stressors (individual and community) and health-related outcomes.

Developing a GIS-based Survey Instrument to Examine Multiple Exposures in Neighborhood Health Research
Principal
Investigators: Scott Beach, SRP, UCSUR
Robert Keene, SRP, UCSUR
Jane Clougherty, Environmental and Occupational Health
Funder: Graduate School of Public Health
Period: 07/11-12/12
Web survey of 200 individuals from Pittsburgh, Pa, and New York City, N.Y. designed to help researchers better understand how people perceive the size and shape of their neighborhoods and how perceived “neighborhood scale” may differ across each city.

Does a New Supermarket Improve Dietary Behaviors of Low-Income African Americans?
Principal
Investigators: Scott Beach, SRP, UCSUR
Stephen Strotmeyer, 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.

*In alphabetical order by UCSUR principal investigator
Projects, continued

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

**Principal Investigators:** Scott Beach, SRP, UCSUR  
   Robert Keene, 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.

**Examining Contraceptive Use and Unmet Need Among Women Veterans**

**Principal Investigators:** Scott Beach, SRP, UCSUR  
   Stephen Strotmeyer, SRP, UCSUR  
   Sonya Borrero, Medicine

**Funder:** Department of Veterans Affairs (VA Merit Grant)  
**Period:** 01/13-12/15

Telephone interviews with 2,300 female veterans to examine contraceptive use patterns among women veterans using the VA for primary care; determine which subpopulations of women veterans are at particularly high risk for unintended pregnancy; and identify key barriers to contraceptive use by various subpopulations.

**Factors Contributing to Oral Health Disparities in Appalachia**

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

**Funder:** National Institutes of Health  
**Period:** 04/13-03/15

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.

**Health Literacy Consumer Survey**

**Principal Investigators:** Scott Beach, SRP, UCSUR  
   Janet Schlarb, SRP, UCSUR  
   Terry Miller, Institute of Politics

**Funder:** Hospital Council of Western Pennsylvania and Highmark  
**Period:** 10/11-09/12

Telephone interviews of 1,000 residents of Southwestern Pennsylvania to determine the level of health literacy in the region and ascertain preferred sources of health information.

**Impact of Greenspace Improvement on Physical Activity in a Low-Income Community**

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

**Funder:** National Institutes of Health  
**Period:** 07/12-04/17

Interviewer training, data management, and technical support in a study of the impact of neighborhood greenspace renovation and other sustainable development on physical activity in 1,600 residents of low-income neighborhoods.

**International Comparisons of the Role of Race and Ethnicity in HSC Donation Decisions - US & UK**

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

**Funder:** Anthony Nolan Trust  
**Period:** 02/13-01/16

Telephone interviews with up to 500 potential stem cell donors to explore the role of culturally-based traditions/beliefs (e.g., medical mistrust, religious beliefs) in potential donors’ decisions of whether or not to donate.

**IVR Falls Intervention**

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

**Funder:** Centers for Disease Control  
**Period:** 10/10-01/13

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

**National Consortium on Alcohol and NeuroDevelopment in Adolescence: Pittsburgh**

**Principal Investigators:** Scott Beach, SRP, UCSUR  
   Janet Schlarb, SRP, UCSUR  
   Duncan Clark, Psychiatry

**Funder:** National Institutes of Health  
**Period:** 09/12-06/17

Recruitment of 160 community families (a parent and adolescent) to study the effects of alcohol use on brain development.
Phase Shift Tolerance in the Elderly

Principal

Investigators: Scott Beach, SRP, UCSUR
Janet Schlarb, SRP, UCSUR
Timothy Monk, Psychiatry

Funder: National Institute on Aging
Period: 04/07-03/13

Telephone interviews with 1600 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 Project on Brain Pathways to Heart Health

Principal

Investigators: Scott Beach, SRP, UCSUR
Stephen Strotmeyer, SRP, UCSUR
Peter Gianaros, Psychology

Funder: National Institutes of Health
Period: 02/12-01/17

Recruitment of 120 community controls for a study on blood pressure reactivity to psychological stress and greater preclinical carotid atherosclerosis.

Racial and Ethnic Disparities in Satisfaction with VA Care

Principal

Investigators: Scott Beach, SRP, UCSUR
Stephen Strotmeyer, SRP, UCSUR
Susan Zickmund, Medicine

Funder: VA Health Services Research and Development
Period: 11/11-10/14

Telephone surveys of 1350 veterans from a national sample focused on racial disparities in satisfaction with care received through the VA Health Care System.

Social Behaviors and Health in Older Adulthood: A Secure Base from which to Thrive

Principal

Investigators: Scott Beach, SRP, UCSUR
Janet Schlarb, SRP, UCSUR
Brooke Feeney, Carnegie Mellon University

Funder: National Institutes of Health
Period: 04/11-03/13

Telephone 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.

The Pittsburgh Regional Environment Survey

Principal

Investigators: Scott Beach, SRP, UCSUR
Richard Schulz, Gerontology, UCSUR
Douglas Heuck, PittsburghToday, UCSUR

Funder: PittsburghToday, UCSUR
Period: 05/13-present

Random digit dial telephone survey of 805 residents in the seven-county Pittsburgh metropolitan statistical area about environment-related attitudes and behaviors.

The Pittsburgh Regional Quality of Life Survey

Principal

Investigators: Scott Beach, SRP, UCSUR
Richard Schulz, Gerontology, UCSUR
Douglas Heuck, PittsburghToday, UCSUR

Funder: PittsburghToday, UCSUR
Period: 07/11-present

Telephone interviews of 2200 residents in the 32-county region surrounding Pittsburgh about a variety of topics to assess quality of life.

Tropman Soundings

Principal

Investigators: Scott Beach, SRP, UCSUR
Janet Schlarb, SRP, UCSUR
Diana Bucco, The Forbes Fund

Funder: The Forbes Fund
Period: 01/12-12/12

Web-based surveys of 200 Pittsburgh area human service organizations about topics relevant to the non-profit sector.

Undergraduate Student Satisfaction and Retention Study

Principal

Investigators: Scott Beach, SRP, UCSUR
Donald Musa, QDAP, UCSUR
Juan Manfredi, Office of the Provost

Funder: Office of the Provost
Period: 09/97-present

Conduct telephone and Web-based surveys of University of Pittsburgh undergraduate students (n=1800 per year) and withdrawing students (n=400 per year) to determine factors related to student satisfaction and retention.
Projects, continued

Understanding Race and Culture in Living Donor Kidney Transplantation

**Principal**

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

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

Telephone interviews with 1200 kidney transplant candidates focusing on attitudes, knowledge, and family factors in transplant decision-making.

Understanding Race and Culture in Living Donor Kidney Transplantation Among Veterans

**Principal**

**Investigators:** Scott Beach, SRP, UCSUR  
Stephen Strotmeyer, 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  
Robert Keene, SRP, UCSUR  
Deborah Bon, University of Pittsburgh  
Julie Gismondi, University of Pittsburgh

**Funder:** University of Pittsburgh  
**Period:** ongoing

Web survey of 2400 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.

UPMC Work Partners Survey

**Principal**

**Investigators:** Scott Beach, SRP, UCSUR  
Robert Keene, SRP, UCSUR  
Maria Henderson, HDM Solutions

**Funder:** UPMC  
**Period:** 01/05-present

Web survey of UPMC employees who have filed a disability claim - evaluations of staff and experiences related to disability claim.

USE: User Security Behavior

**Principal**

**Investigators:** Scott Beach, SRP, UCSUR  
Stephen Strotmeyer, SRP, UCSUR  
Rahul Telang, Carnegie Mellon University

**Funder:** National Security Agency  
**Period:** 07/12-06/16

Telephone recruitment of 600 participants over three years for a panel study of real world internet computer security behavior.

Western Pennsylvania Manufacturing Industry Study

**Principal**

**Investigators:** Scott Beach, SRP, UCSUR  
Robert Keene, SRP, UCSUR  
Christine Kush, Katz Graduate School of Business

**Funder:** Katz Graduate School of Business - Institute for Entrepreneurial Excellence  
**Period:** ongoing

Assist with the conduct and statistical analysis of a bi-annual Web-based survey of 100 local manufacturing firms focusing on their performance and business practices.

Advancing Entrepreneurship in the Mon Valley Region

**Principal**

**Investigators:** Sabina Deitrick, URA, UCSUR  
Christine Kush, Katz Graduate School of Business

**Funder:** Economic Development Administration, U.S. Department of Commerce  
**Period:** 09/13-08/15

With the University of Pittsburgh Institute for Entrepreneurial Excellence, provide consulting, education, connections and research to existing small business owners and emerging entrepreneurs in the Mon Valley Region.

Connecting People and Place: Improving Communities Through Integrated Data Systems

**Principal**

**Investigator:** Sabina Deitrick, URA, UCSUR

**Funder:** Annie E. Casey Foundation  
**Period:** 09/13-12/13

Collaborate with the Allegheny County Department of Human Services and their integrated data system, the DHS Data Warehouse, to focus on school absenteeism in three area school districts.

PA CleanWays

**Principal**

**Investigator:** Sabina Deitrick, URA, UCSUR

**Funder:** PA CleanWays  
**Period:** Completed 07/12

Provide “as-needed” GIS mapping services for the PA CleanWays sites.
Pittsburgh Neighborhood and Community Information System (PNCIS)

Principal
Investigator: Sabina Deitrick, URA, UCSUR
Funders: 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.

Pittsburgh Neighborhood and Community Information System (PNCIS) Support - Hazelwood Neighborhood

Principal
Investigator: Sabina Deitrick, URA, UCSUR
Funder: The Heinz Endowments
Period: 05/13-04/14
PNCIS will develop new data sets, assist with data collection and storage, provide data analysis, and construct prototype evaluation frameworks for a number of projects being conducted in the Hazelwood neighborhood.

Southwestern Pennsylvania Community Indicators Profile

Principal
Investigator: Sabina Deitrick, URA, UCSUR
Funder: Allegheny County Department of Human Services Integrated Fund
Period: 10/13-06/14
Web-based software tool to present community data and indicators through visualizations, including tables, maps, graphs, and charts for 10 counties of Southwestern Pennsylvania.

City of Pittsburgh Land Bank Business Plan

Principal
Investigator: Robert Gradeck, URA, UCSUR
Funder: The Urban Redevelopment Authority of Pittsburgh
Period: 03/12-11/12
Provide information on tax delinquent properties in support of business planning efforts for the City of Pittsburgh's land bank.

Hill District Vacant Property Plan

Principal
Investigator: Robert Gradeck, URA, UCSUR
Funder: Hill District Consensus Group
Period: 03/12-11/12
Provide information on property in the Hill District in support of a plan for managing vacant land in the neighborhood.

Hilltop Foreclosure Analysis

Principal
Investigator: Robert Gradeck, URA, UCSUR
Funder: NeighborWorks Western Pennsylvania
Period: 04/11-10/12
Provide a demographic profile of property owners in foreclosure using deed and mortgage data.

Penn Hills Neighborhood Stabilization Team

Principal
Investigator: Robert Gradeck, URA, UCSUR
Funder: Municipality of Penn Hills
Period: 11/13-03/14
Use Neighborhood Stabilization Team approach to coordinate actions of government and community partners to prevent blight and property abandonment and guide community improvement efforts in the Frankstown West neighborhood.

Pittsburgh Public Schools

Principal
Investigator: Robert Gradeck, URA, UCSUR
Funder: Pittsburgh Public Schools
Period: 09/13-12/13
Provide assistance in redrawing school assignments for the latest round of planned changes and reconfiguring GIS software developed for redistricting.

Pittsburgh Public Schools Realignment

Principal
Investigator: Robert Gradeck, URA, UCSUR
Funder: Pittsburgh Public Schools
Period: 04/11-09/12
Provide an analysis of school enrollment data and demographic and neighborhood trends in the city of Pittsburgh; provide GIS and technical services in support of the district’s realignment process.

Pittsburgh Youth Study

Principal
Investigator: Robert Gradeck, URA, UCSUR
Funder: Life History Studies Program/WPIC
Period: 04/12-12/12
Provide geocoding services and other data to support research efforts at the Youth Study.

Improving Breast Cancer Survivor Medication Adherence Through Education

Principal
Investigators: David Halpern, QDAP, UCSUR
Jenny Lin, Mount Sinai School of Medicine
Funder: American Cancer Society
Period: 11/10-10/12
Transcription of focus groups and interviews with breast cancer survivors taking long-term hormonal medications to identify barriers to medication adherence.
A Tailored Technology Intervention for Diverse Family Caregivers of AD Patients

**Principal Investigators:** Judith Matthews, Gerontology, UCSUR  
Sara Czaja, University of Miami  
Richard Schulz, Gerontology, UCSUR

**Funder:** National Institute of Nursing Research  
**Period:** 04/13-03/18

This investigation focusing on gathering systematic data on the acceptability and efficacy of a unique technology-based, culturally-tailored psycho-social intervention program that targets ethnically/culturally diverse family caregivers of patients with Alzheimer’s Disease.

Development and Refinement 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  
Daniel Siewiorek, Carnegie Mellon University  
Asim Smailagic, Carnegie Mellon University

**Funder:** National Science Foundation  
**Period:** 06/10-05/16

The focus of this project is the iterative design and testing of a prototype multi-user health kiosk designed to enable community-residing older adults to self-monitor selected physical, physiologic, and psychological parameters, and to engage in evidence-based interventions that promote communication with health care providers and improved sleep, lifestyle, mobility, bladder health, and chronic disease self-management behaviors.

First Person Vision for Objective Evaluation of Caregiving Quality

**Principal Investigators:** Judith Matthews, Gerontology, UCSUR  
Jennifer Brach, Health and Rehabilitation Sciences  
Martial Hebert, Carnegie Mellon University  
Scott Beach, SRP, UCSUR  
Laurel Person Mecca, QDAP, UCSUR  
Richard Schulz, Gerontology, UCSUR

**Funder:** National Institute of Nursing Research  
**Period:** 03/12-02/14

This project explores the use of first person vision (FPV) technology to assess the interaction between persons with moderate to severe dementia and their family caregivers, as a basis for nurse-delivered intervention as well as development of an automated, intelligent assessment and intervention tool to reduce problem behaviors and decrease caregiver burden.

Hub for Excellence in eHealth Research

**Director:** Lora E. Burke, Nursing

**Principal Investigators:** Judith Matthews, Gerontology, UCSUR  
Susan Sereika, Nursing  
Annette DeVito Dabbs, Nursing  
Denise Charron-Prochownik, Nursing  
Eileen Chasens, Nursing  
Heidi Donovan, Nursing

**Funder:** University of Pittsburgh, School of Nursing  
**Period:** 7/1/13-6/30/14

The eHealth Hub provides an infrastructure for sharing dissimilar methodologies and perspectives among novice and established researchers, to advance their efforts toward scientific discovery in this highly dynamic field.

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.

Enhancing Motivation for CPAP Adherence in Obstructive Sleep Apnea (OSA)

**Principal Investigators:** Laurel Person Mecca, QDAP, UCSUR  
David Halpern, QDAP, UCSUR  
Faith Luyster, Nursing

**Funder:** National Institutes of Health  
**Period:** 01/12-04/13

Facilitation, transcription, and coding of focus groups with OSA patients and their significant others to explore critical factors for adoption and use of CPAP to inform modification of a motivational intervention for CPAP.
Freedom from Racism or Free to be Racist: Racial Harassment Policy in Higher Education

**Principal Investigators:** Laurel Person Mecca, QDAP, UCSUR  
                       David Halpern, QDAP, UCSUR  
                       Joyce Bell, Sociology  

**Funder:** Center on Race and Social Problems  
**Period:** 04/12-10/12  

Coded the top 100 U.S. universities’ anti-discrimination policies to explore how racial harassment is defined and how discrimination is balanced with freedom of speech.

Identification of Resources Around Dementia

**Principal Investigators:** Laurel Person Mecca, QDAP, UCSUR  
                       Kevan Schultz, QDAP, UCSUR  
                       Howard Degenholtz, Health Policy and Management  

**Funder:** Aging Institute  
**Period:** 01/13-09/13  

Facilitation, transcription, coding, analysis and reporting of focus groups with family caregivers of persons with dementia in the Pittsburgh area to explore the supports needed to meet the demands of the caregiving role.

Quality of Life Technology Enrichment (QuOTE)

**Principal Investigators:** Laurel Person Mecca, QDAP, UCSUR  
                       Kevan Schultz, QDAP, UCSUR  
                       Dan Ding, Rehabilitation Science and Technology  

**Funder:** National Science Foundation  
**Period:** 01/12-present  

The QuOTE project systematically focuses on transitioning students with disabilities (SWDs) from four-year college to graduate school and/or the workforce. QDAP’s role entails conducting program evaluations of the QuOTE project, including collection, transcription, coding, analysis and reporting of interviews with directors, staff and participants regarding their experience with the project.

Reaching Adolescents by Partnering with Parents (RAPP)

**Principal Investigators:** Laurel Person Mecca, QDAP, UCSUR  
                       David Halpern, QDAP, UCSUR  
                       Aletha Akers, Obstetrics, Gynecology & Reproductive Services  

**Funder:** Robert Wood Johnson Foundation  
**Period:** 02/12-08/12  

Conducted and transcribed interviews with mothers and adolescents regarding participation in the RAPP study and ways in which the RAPP study sessions could be improved.

Social Policy, the State, and the Poor: An Ethnographic Examination of Policy Intersections in an Impoverished Urban Neighborhood

**Principal Investigators:** Laurel Person Mecca, QDAP, UCSUR  
                       David Halpern, QDAP, UCSUR  
                       Waverly Duck, Sociology  

**Funder:** Center on Race and Social Problems  
**Period:** 09/12-11/12  

Transcription of interviews with residents of an urban neighborhood to examine social policies that disproportionately affect racial minorities, such as zero tolerance in schools, welfare reform, and housing reform.

Young Adults Report

**Principal Investigators:** Laurel Person Mecca, QDAP, UCSUR  
                       Kevan Schultz, QDAP, UCSUR  
                       Doug Heuck, Pittsburgh Today  

**Funder:** The Benter Foundation  
**Period:** 07/12-09/12  

Facilitation, transcription, coding, analysis, and reporting of focus groups with young adults to explore their opinions and experiences living and working in the Pittsburgh region and identify the region’s strengths and weaknesses.

A Comparison of the Effect of Two Complementary and Alternative Therapies on the Perception of Low Breast Milk Supply

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

**Funder:** Ruth Perkins Kuehn Research Award  
**Period:** 5/13-present  

Transcription of interviews with mothers who deliver late preterm and early term infants regarding their experiences participating in an intervention study examining the effect of meditation versus an herbal supplement on the perception of low breast milk supply.

A Statewide Trial to Compare Three Training Models for Implementing an Evidence-Based Treatment

**Principal Investigators:** Donald Musa, QDAP, UCSUR  
                       Kevan Schultz, QDAP, UCSUR  
                       Amy Herschell, Psychiatry  

**Funder:** National Institute of Mental Health  
**Period:** 01/13-02/13  

Transcription and coding of interviews with Parent-Child Interaction Therapy (PCIT) master trainers to develop a state-of-the-art training protocol to be tested with clinicians across the state, and to identify “expert consensus” on PCIT training methods.
A Vulnerable Population within a Vulnerable Population: LGBTQ Youth in Child Welfare

**Principal Investigators:** Donald Musa, QDAP, UCSUR  
Kevan Schultz, QDAP, UCSUR  
Rachel Fusco, Social Work

**Funder:** Central Research Development Fund  
**Period:** 05/12-07/12

Transcribed interviews to inform training for public child welfare workers and to provide the foundation for future work in improving services and outcomes for child welfare involved LGBTQ youth in Pennsylvania.

An Examination of Community College Black Male Student Athletes’ Perceptions of Student Support Services and Identifying Methods for Improving Service Delivery

**Principal Investigators:** Donald Musa, QDAP, UCSUR  
Kevan Schultz, QDAP, UCSUR  
Charles W. Richburg, III, The College of New Rochelle

**Funder:** Self-funding  
**Period:** 02/13-03/13

Transcription of interviews with Black male student-athletes and Student Support Services Providers in order to identify methods for improving service delivery.

An Educational Intervention for Patients with Invasive Bladder Cancer

**Principal Investigators:** Donald Musa, QDAP, UCSUR  
David Halpern, QDAP, UCSUR  
Nihal Mohamed, Mount Sinai Hospital

**Funder:** American Cancer Society  
**Period:** 03/12-09/12

Transcribed focus groups and interviews with invasive bladder cancer patients regarding treatment decisions, self-care behavior, and subsequent quality of life.

Assessing the Capacity for Developing Safety Net Accountable Care Organizations

**Principal Investigators:** Donald Musa, QDAP, UCSUR  
Kevan Schultz, QDAP, UCSUR  
Oliver Lontok, Rutgers University

**Funder:** The Nicholson Foundation  
**Period:** 11/12-present

Transcription of interviews with key personnel at three healthcare organizations in New Jersey to identify the current status of healthcare delivery systems for high-needs patients and opportunities for improvement through accountable care organization development.

Breakfast Consumption and Childhood Obesity Among Low-income, Ethnically Diverse Youth

**Principal Investigators:** Donald Musa, QDAP, UCSUR  
David Halpern, QDAP, UCSUR  
Gary Foster, Temple University

**Funder:** U.S. Department of Agriculture  
**Period:** 07/12-08/12

Transcription of focus groups with 4-6th grade students and parents from two K-8 public schools in Philadelphia regarding breakfast habits, including existing barriers and facilitators to classroom feeding.

Caregivers of Persons on Prolonged Mechanical Ventilation: Mind-Body Interaction Model

**Principal Investigators:** Donald Musa, QDAP, UCSUR  
Kevan Schultz, QDAP, UCSUR  
JiYeon Choi, Nursing

**Funder:** Central Research Development Fund  
**Period:** 06/12-08/12

Transcribed interviews with family caregivers of persons on PMV to understand the extent of negative psychological and behavioral responses in caregivers.

Client-Centered Assessment for Geriatric Primary Care: A Feasibility Study

**Principal Investigators:** Donald Musa, QDAP, UCSUR  
Kevan Schultz, QDAP, UCSUR  
Pamela Toto, Occupational Therapy

**Funder:** Aging Institute  
**Period:** 10/12-present

Transcription of interviews with medically complex clients in a multi-disciplinary geriatrics care center to identify themes emerging from the Goal Attainment Scaling (GAS) process in relation to coordinated care planning.

Comprehensive Primary Care Initiative

**Principal Investigators:** Donald Musa, QDAP, UCSUR  
David Halpern, QDAP, UCSUR  
Jesse Crosson, Mathematica Policy Research

**Funder:** Mathematica Policy Research  
**Period:** 05/13-present

Transcription of interviews with clinicians and office staff regarding their experiences participating in a multi-payer initiative fostering collaboration between public and private health care payers to strengthen primary care.
Community Stressors and Susceptibility to Air Pollution in Urban Asthma

**Principal Investigators:** Donald Musa, QDAP, UCSUR  
Laurel Person Mecca, QDAP, UCSUR  
Kevan Schultz, QDAP, UCSUR  
Jane Clougherty, Environmental and Occupational Health

**Funder:** U.S. Environmental Protection Agency  
**Period:** 05/12-04/13

Transcription in English and transcription in Spanish and translation to English focus groups with New York City residents regarding key stressors in diverse NYC neighborhoods.

Course Curriculum and Laboratory Improvement in Engineering

**Principal Investigators:** Donald Musa, QDAP, UCSUR  
David Halpern, QDAP, UCSUR  
Mary Besterfield-Sacre, Industrial Engineering

**Funder:** National Science Foundation  
**Period:** 03/12-08/12

Transcribed recordings of teams of engineering students solving an engineering problem.

Evaluation of Horizon Healthcare Innovations' (HHI) Patient-Centered Medical Homes

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

**Funder:** Horizon Healthcare Innovations  
**Period:** 05/12-present

Transcription of interviews with clinical staff regarding the process of transforming primary care practices into Patient-Centered Medical Homes and use of HHI’s intervention.

Event Planning

**Principal Investigators:** Donald Musa, QDAP, UCSUR  
David Halpern, QDAP, UCSUR  
Shawn Ahearn, Student Affairs

**Funder:** Student Affairs  
**Period:** 02/13-09/13

Transcription of interviews with students who have graduated from Pitt within the past five years that are employed to determine how the skills they developed in planning events as an undergraduate at Pitt have helped them have success in the workplace.

Exploring the Life Stories of Urban Male Non-offenders and Ex-offenders

**Principal Investigators:** Donald Musa, QDAP, UCSUR  
Kevan Schultz, QDAP, UCSUR  
Maya Silva, Temple University

**Funder:** Self-funding  
**Period:** 08/12-05/13

Transcription of interviews with approximately 40 urban men focusing on the internal nature of desistance from crime as associated with changes in personal identity and self-concept to investigate the ways in which themes of agency, communion and generativity, and the use of narrative devices such as redemption and contamination sequences, emerge in the life stories of male adults who are currently desisting from crime and a comparison group of similarly situated continuously law abiding men.

Faith Development in Higher Education: The Role of the Mentor

**Principal Investigators:** Donald Musa, QDAP, UCSUR  
Kevan Schultz, QDAP, UCSUR  
Rev. Roy Minnix, Concordia College - New York

**Funder:** Self-funding  
**Period:** 01/13-02/13

Transcription of interviews with faculty of a Christian college regarding their role as it pertains to the spiritual development and growth of students, both inside and outside the classroom, as well as the challenges faculty face integrating matters of faith and spirituality into their relationship with students.

Identifying Effective Strategies to Disclose Prognosis: Physician-Family Communication in Patients with Acute Lung Injury

**Principal Investigators:** Donald Musa, QDAP, UCSUR  
David Halpern, QDAP, UCSUR  
Douglas White, Critical Care Medicine

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

Transcription of interviews with clinicians and patient surrogates to identify disclosure strategies that effectively and sensitively convey prognostic information to family of critically ill patients, and to identify barriers to implementing these strategies into clinical practice.
Projects, continued

Identifying Key Factors Associated with Successful Integration of Patient Care Services into Dispensing Workflow

Principal

Investigators: Donald Musa, QDAP, UCSUR  
Kevan Schultz, QDAP, UCSUR  
Sarah Krahe Dombrowski, Pharmacy

Funder: American Pharmacists Association Foundation  
Period: 02/13-06/13

Transcription of interviews with staff of pharmacies that have been identified as being successful in providing patient care services regarding integration of care into dispensing workflow.

Implementation and Expansion of MTM Services in Independent Community Pharmacies in a Rural Western PA County

Principal

Investigators: Donald Musa, QDAP, UCSUR  
David Halpern, QDAP, UCSUR  
Natalie Pratt, Pharmacy

Funder: Research Development Fund  
Period: 07/12-08/12

Transcription of interviews with pharmacists in Beaver County regarding barriers and facilitators to implementing and expanding medication therapy management in independent community pharmacies.

International Study of Parking Enforcement

Principal

Investigators: Donald Musa, QDAP, UCSUR  
Kevan Schultz, QDAP, UCSUR  
Danielle van Jaarsveld, University of British Columbia

Funder: Social Sciences and Humanities Research Council of Canada  
Period: 05/12-present

Transcription of focus groups with parking enforcement officers to identify factors that will improve workforce engagement, job satisfaction, job performance, and employee well-being.

Internet Governance Forum

Principal

Investigators: Donald Musa, QDAP, UCSUR  
Kevan Schultz, QDAP, UCSUR  
Victoria Nash, Oxford Internet Institute

Funder: Oxford Internet Institute  
Period: 04/13-present

Transcription of a policy forum, bringing together leading figures in multi-stakeholder Internet governance to discuss the future of the multi-stakeholder model in the aftermath of the World Conference on International Telecommunications (WCIT) 2012 in Dubai.

Lapsed Use of the Internet Amongst Young People in the UK: Digital Choice or Digital Exclusion?

Principal

Investigators: Donald Musa, QDAP, UCSUR  
Kevan Schultz, QDAP, UCSUR  
Rebecca Eynon, Oxford University

Funder: The Nominet Trust  
Period: 02/12-08/12

Transcribed interviews with individuals identified as “lapsed Internet users” regarding why they stopped using the Internet and the implications of non-use of the Internet in the daily lives of these young people.

Latino Parent Involvement in the United States

Principal

Investigators: Donald Musa, QDAP, UCSUR  
Kevan Schultz, QDAP, UCSUR  
Marcia Lawrence, BronxWorks, The College of New Rochelle

Funder: Self-funding  
Period: 12/12-01/13

Transcription of interviews and focus groups with Latino parents regarding participation in their children’s schools.

Maternal Skills for Communicating with Adolescents About Sex

Principal

Investigators: Donald Musa, QDAP, UCSUR  
David Halpern, QDAP, UCSUR  
Penelope Morrison, Center for Research on Health Care

Funder: Amy Roberts Health Promotion Research Fund  
Period: 11/12-07/13

Project coordination, data collection, and transcription of conversations between mothers and their adolescent children to learn how mothers communicate with their adolescent children about sex.

New Brunswick Hospital – Community Health Assessment

Principal

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

Funder: Center for State Health Policy, Rutgers University  
Period: 06/12-08/12

Transcribed interviews and focus groups to better understand community health needs; gain a firm knowledge of the scope of existing health care resources in the central New Jersey region; create more targeted services that address the top-priority needs identified by the community, and better coordinate services.
Overcoming Failure: Successful Student Repeaters
Principal
Investigators: Donald Musa, QDAP, UCSUR
Kevan Schultz, QDAP, UCSUR
Kathleen Karsten, City University of New York
Funder: Self-funding
Period: 04/12-01/13
Transcription of interviews with nursing students regarding their ability to overcome a clinical course failure and go on to complete the nursing program.

Parent Child Dialectical Behavior Therapy for Mothers with Borderline Personality Disorder
Principal
Investigators: Donald Musa, QDAP, UCSUR
David Halpern, QDAP, UCSUR
Stephanie Stepp, WPIC
Funder: National Institute of Mental Health
Period: 08/12-08/12
Transcription of focus groups with mothers with Borderline Personality Disorder who have young children in order to adapt Dialectical Behavior Therapy so as to reduce barriers to effective care.

Parent Involvement
Principal
Investigators: Donald Musa, QDAP, UCSUR
David Halpern, QDAP, UCSUR
Shawn Ahearn, Student Affairs
Funder: Student Affairs
Period: 02/13-09/13
Transcription of interviews with both students who are on the verge of graduation and one of their parents about their college experience and the impact that parents may have had in helping them overcome challenges.

Perceptions, Knowledge and Behaviors of Non-Diabetic African American Men having a First Degree Family
Principal
Investigators: Donald Musa, QDAP, UCSUR
Kevan Schultz, QDAP, UCSUR
Collette Allen, Columbia University
Funder: Self-funding
Period: 10/12-12/12
Coding of interviews with non-diabetic African American men with a first-degree family member having diabetes mellitus to explore the relationship between culture and health practices in preventing diabetes mellitus among non-diabetic African American men.

Physician-Family Conflict
Principal
Investigators: Donald Musa, QDAP, UCSUR
David Halpern, QDAP, UCSUR
Rachel Schuster, Critical Care Medicine
Funder: Douglas White’s Endowed Chair in Ethics
Period: 09/12-03/13
Transcription of simulations and interviews with physicians to study how physicians handle conflict with family members of patients in intensive care units.

Qualitative Interviews of Primary Care Clinicians About Adolescent Depression
Principal
Investigators: Donald Musa, QDAP, UCSUR
Kevan Schultz, QDAP, UCSUR
Ana Radovic, Clinical and Translational Science Institute
Funder: Agency for Healthcare Research and Quality
Period: 10/12-present
Transcription of interviews with pediatricians regarding their beliefs about perceived barriers for teens and their parents as well as what types of treatment decisions clinicians would make when presented with a hypothetical scenario of a teen with depression, and influential factors for making these treatment decisions.

Redesigning Medicaid Payment Policies: A New Pathway for Achieving High-Value Care for Medically Complex Children
Principal
Investigators: Donald Musa, QDAP, UCSUR
David Halpern, QDAP, UCSUR
Dianna Ploof, Pediatrics
Funder: Robert Wood Johnson Foundation
Period: 06/13-09/13
Transcription of focus groups with parents regarding their views of consumer-directed accounts to pay for their medically complex children's healthcare.

Repeated Reforms of Performance Appraisal and Promotion System in the European Commission
Principal
Investigators: Donald Musa, QDAP, UCSUR
Kevan Schultz, QDAP, UCSUR
Carolyn Ban, Graduate School of Public and International Affairs
Funder: Graduate School of Public and International Affairs
Period: 06/13-06/13
Transcription of follow-up interviews with European Commission staff regarding how repeated reforms, beginning in 2002, of the appraisal and promotion system have affected them and their organization.
Projects, continued

Sensemaking Following a Work-related Trauma
Principal
Investigators: Donald Musa, QDAP, UCSUR
David Halpern, QDAP, UCSUR
Sally Maitlis, University of British Columbia
Funder: Social Science and Humanities Research Council
Period: 03/10-presenter
Transcribed interviews with professional artists regarding their careers following debilitating injury.

Social Influences on Indoor Tanning Behavior in Young Women
Principal
Investigators: Donald Musa, QDAP, UCSUR
Kevan Schultz, QDAP, UCSUR
Jerod Stapleton, University of Medicine and Dentistry of New Jersey - The Cancer Institute of New Jersey
Funder: National Cancer Institute
Period: 05/13-05/13
Transcription of focus groups to examine understudied social motivations for engaging in indoor tanning among young women in order to develop novel interventions designed to reduce indoor tanning behavior and achieve a public health goal of reducing incidence of future skin cancers.

Southwestern PA Food Security Partnership Focus Groups
Principal
Investigators: Donald Musa, QDAP, UCSUR
David Halpern, QDAP, UCSUR
Vic Papale, Greater Pittsburgh Community Food Bank
Funder: The McCune Foundation
Period: 07/12-12/12
Facilitation, transcription, coding, analysis and reporting of focus groups with those eligible for government food assistance programs who access them, and those eligible for the services who are not accessing them regarding perceptions and concerns about these programs.

Teachers’ Perceptions of Professional Development and the Influence on School Culture
Principal
Investigators: Donald Musa, QDAP, UCSUR
David Halpern, QDAP, UCSUR
Carol Baiocco, Riverside High School
Funder: Self-funding
Period: 06/12-07/12
Transcription of interviews with teachers after they have received professional development to understand their perceptions of professional development and its influence on school culture.

The Affect of School Principals’ Perspectives of Hidden Curriculum in High-Poverty Middle Schools
Principal
Investigators: Donald Musa, QDAP, UCSUR
David Halpern, QDAP, UCSUR
Kimberlee Pierre, The College of New Rochelle
Funder: Self-funding
Period: 02/13-04/13
Transcription of interviews with principals of high-poverty middle schools in New York state regarding their beliefs on curriculum, leadership, discipline, testing, professional development, collaboration, and teachers’ expertise.

The Functions of Affect in Treatment Decisions of Rising PSA Patients
Principal
Investigators: Donald Musa, QDAP, UCSUR
David Halpern, QDAP, UCSUR
Michael Diefenbach, Mount Sinai Hospital
Funder: National Institutes of Health
Period: 02/12-07/12
Transcribed interviews with subjects with rising PSA levels regarding their treatment decision.

The Girlfriends Project
Principal
Investigators: Donald Musa, QDAP, UCSUR
Kevan Schultz, QDAP, UCSUR
Mary Hawk, Behavioral and Community Health Sciences
Funder: UPMC
Period: 04/12-10/12
Transcription of interviews with women regarding participation in The Girlfriends Project, an educational intervention which focuses on HIV prevention for African American women.

The Lived Experience of Making a Decision Whether or Not to Undergo Genetic Testing for Alzheimer’s Disease
Principal
Investigators: Donald Musa, QDAP, UCSUR
David Halpern, QDAP, UCSUR
Ann Marie Balz, Columbia University
Funder: Self-funding
Period: 08/12-12/12
Transcription of interviews with blood relatives of individuals with AD regarding their perceptions of the meaning of making a decision whether or not to undergo genetic testing for AD.
The Lived Experience of Young Adult Burn Survivors: Use of Social Media

**Principal Investigators:** Donald Musa, QDAP, UCSUR  
David Halpern, QDAP, UCSUR  
Marie Giordano, City University of New York

**Funder:** Self-funding  
**Period:** 02/13-03/13

Transcription of interviews with young adult burn survivors regarding the ways in which they use social media.

The Lived Experiences of Nurses Who Care for Dying Pediatric Patients

**Principal Investigators:** Donald Musa, QDAP, UCSUR  
David Halpern, QDAP, UCSUR  
Danna Curcio, City University of New York

**Funder:** Self-funding  
**Period:** 04/13-08/13

Transcription of interviews with nurses regarding their experiences working with dying children and their families.

Understanding Reciprocity of Emergency Nurses

**Principal Investigators:** Donald Musa, QDAP, UCSUR  
David Halpern, QDAP, UCSUR  
Christine Corcoran, City University of New York

**Funder:** Self-funding  
**Period:** 04/12-12/12

Transcribe interviews with emergency nurses regarding their relationships among emergency department personnel.

Understanding the Experiences of White Mothers of Black/White Children

**Principal Investigators:** Donald Musa, QDAP, UCSUR  
Mary Rauktis, Social Work

**Funder:** Center on Race and Social Problems  
**Period:** 12/12-05/13

Transcription of focus groups with white mothers of black/white children in the child welfare system in Allegheny County regarding their experiences.

Whole Brain Teaching

**Principal Investigators:** Donald Musa, QDAP, UCSUR  
David Halpern, QDAP, UCSUR  
Andrea Silverstein, The College of New Rochelle

**Funder:** Self-funding  
**Period:** 03/13-03/13

Transcription of interviews with teachers regarding their experience implementing and using Whole Brain Teaching.

A Tailored Technology Intervention for Diverse Family Caregivers of AD Patients

**Principal Investigators:** Richard Schulz, Gerontology, UCSUR  
Sara Czaja, University of Miami

**Funder:** National Institute of Nursing Research  
**Period:** 04/13-03/18

The aims of this project are to evaluate the acceptability and efficacy of a culturally tailored technology-based psychosocial intervention for reducing the stress and burden and enhancing quality of life of diverse family caregivers of AD patients. The target population is Black/African American, Hispanic, and White non-Hispanic family caregivers of AD patients.

Daily Individual and Marital Processes in Osteoarthritis

**Principal Investigators:** Richard Schulz, Gerontology, UCSUR  
Lynn Martire, Penn State University

**Funder:** National Institute on Aging  
**Period:** 09/07-08/13

This study focuses on the effects of spousal social support and control on older osteoarthritis patients’ daily functioning, illness cognitions, and physical activity.

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 focuses on training to enhance geriatric mental health expertise throughout the state.

Intervention to Facilitate Family Caregiver Adaptation to Nursing Home Transition

**Principal Investigator:** Richard Schulz, Gerontology, UCSUR

**Funder:** National Institute of Nursing Research  
**Period:** 07/07-05/13

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.
Projects, continued

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: 06/06-05/16

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.

Smartcare: Innovations in Caregiving Interventions
Principal
Investigators: Richard Schulz, Gerontology, UCSUR
Paula Sherwood, Nursing
Funder: National Institute of Nursing Research
Period: 09/12-06/17

The study addresses research priorities set by both NCI and NINR to improve the quality of life of patients and their families and NINR’s emphasis on integrating bio-behavioral science and adopting, adapting and generating new technologies.

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.

State of Aging in Allegheny County
Principal
Investigators: Richard Schulz, Gerontology, UCSUR
Donald Musa, QDAP, UCSUR
Scott Beach, SRP, UCSUR
Chris Briem, URA, UCSUR
Funder: UCSUR, Aging Institute, Allegheny County Area Agency on Aging, United Way of Allegheny County
Period: 04/13-06/14

Project to update UCSUR’s 2003 study of older adults and the state of aging in Allegheny County. Project characterizes older adults across a broad range of dimensions including demographics, income and poverty, health, work and retirement, living arrangements, housing and neighborhood conditions, caregiving and volunteering, aging service use, and overall well-being. Includes both secondary analysis of multiple data sources and primary data collection through a population-based survey and follow-up, in-depth interviews.

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.

Symptom Management and Psychosocial Needs of Patients with Acute Leukemia
Principal
Investigators: Kevan Schultz, QDAP, UCSUR
Tara Albrecht, Virginia Commonwealth University
Funder: Sigma Theta Tau International
Period: 11/10-10/12

Transcription of interviews with acute leukemia (AL) patients to examine the symptoms experienced by patients diagnosed with AL across the disease trajectory and to explore recommendations for nurse-provided support.

Competitiveness Research
Principal
Investigators: 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 2012–13

Journals


Publications 2012–13, continued


Books/Book Chapters/Other Publications


Other Publications


Technical Reports


Deitrick, S. (Ed.). (Ongoing). *Pittsburgh Economic Quarterly* (PEQ), a publication of the Urban and Regional Analysis Program at UCSUR covering economic conditions/changes in the Pittsburgh region.


The Regional Indicators, PittsburghTODAY.


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www.ucsur.pitt.edu