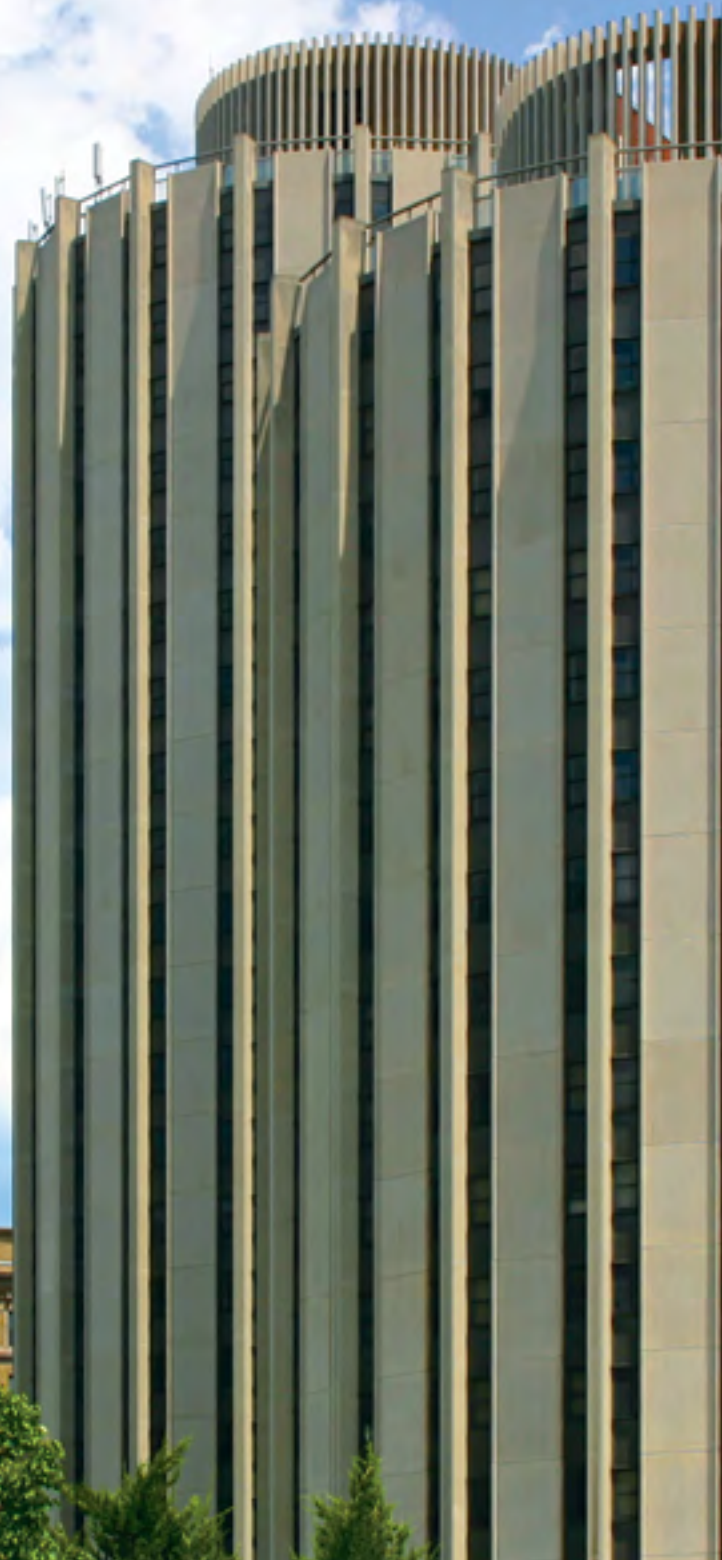# University Center for Social and Urban Research

annual report
July 1, 2012–June 30, 2013

UCSUR

University Center for
Social and Urban Research

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.

Message from the Director

Richard Schulz

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

Programs

In response to faculty interests and current domestic policy issues, UCSUR develops interdisciplinary research programs that address regional and national policy issues. The resources described in the previous section are provided by one or more of these programs. As new policy issues emerge, UCSUR is prepared to facilitate and coordinate the development of additional programs identified by interested faculty. Existing research programs include:

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.

Gerontology

Program Director
Richard Schulz

Associate Program Director
Judith Matthews

Initiates, coordinates, and facilitates research on aging. In collaboration with faculty in more than a dozen different disciplines (e.g., psychiatry, anesthesiology, rheumatology, nursing, epidemiology, engineering, computer science), Program faculty and staff play an active role in developing proposals for research focused on psychosocial, behavioral, cognitive, and physical aspects of aging.

Qualitative Data Analysis Program (QDAP)

Program Director
Donald Musa

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

Geographical Information Systems and Visual Analytics Program

Program Director
Ken Sochats

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

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.

What We Do: Center Resources

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.

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

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

same advantages (automated skips, randomized experiments, etc.).
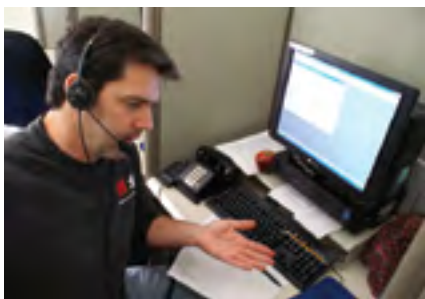
Audio computer-assisted self interviewing (ACASI): With this application a respondent operates a computer, the computer displays the questions on screen and plays recordings of the questions to the respondent who enters answers directly into a database on the computer. A respondent typically uses headphones 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

- Longitudinal analyses

Report Preparation and Presentation

SRP staff have experience in the production of a variety of reports, including:

- Simple tabulations
- Executive summaries
- In-depth narrative 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

and publications. For the latest urban and regional developments, visit The Pittsburgh Urban Blog (The PUB) at www.ucsur.pitt.edu/thepub.php.

The Pittsburgh Regional Economic Model

The Pittsburgh Regional Economic model is a large-scale regional econometric model developed by Regional Economic Models Inc. (REMI) and supported by UCSUR in partnership with the Southwestern Pennsylvania Commission. The REMI model provides a powerful framework for economic analysis related to structural change in the Pittsburgh region and complements a variety of activities undertaken by the center. The center continues to maintain this model and provide support to local agencies as needed as part of the need for quality regional economic forecasting and impact analysis in the region.

UCSUR staff calibrates the Pittsburgh REMI model based on local conditions and our 12 years of experience applying the model to the Pittsburgh region. This capability to forecast future regional economic conditions and conduct detailed impact analysis of potential changes in the regional economy is unique in the region.

The model includes the seven county Metropolitan Statistical Area (Allegheny, Armstrong, Beaver, Butler, Fayette, Washington, and Westmoreland) plus Greene and Indiana counties. This model enables us to analyze economic and demographic impacts across the SWPA region. Recently, the REMI model was used for projects for the University of Pittsburgh Cancer Institute, Allegheny Places - The Allegheny County Comprehensive Plan, and the Taxpayer Return on Investment in Pennsylvania Public Libraries Study.

Support of the Southwestern Planning Commission (SPC)

UCSUR continues to support the Southwestern Planning Commission (SPC) in developing its forecast of regional population and employment for the region 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

- Who Moves to Lawrenceville and Why?
- Foreclosure, Vacancy and Crime
- Transit and Commuting Patterns in Southwestern Pennsylvania
- Demographic Features of Neighborhood Change in Pittsburgh
- Keep Pennsylvania Beautiful – Illegal Dump Survey Program Results
- Foreclosures in Pittsburgh's Hilltop Neighborhoods

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

research and analysis to reduce blight, promote neighborhood investment, and improve communities. UCSUR operates PNCIS in agreement with the Pittsburgh Partnership for Neighborhood Development (PPND) and the City of Pittsburgh. PNCIS is also a partner in the National Neighborhood Indicators Partnership, a consortium of over 35 local partners across the USA, based at the Urban Institute in Washington, D.C.

Pittsburgh Indicators Project: PittsburghTODAY.org

PittsburghTODAY.org is an in-depth journalism and regional indicators program that compares Greater Pittsburgh with 14 other regions on hundreds of measures. The statistical indicators provide reliable and timely information that shows this region's strengths and weaknesses and how it compares with other regions. Additionally, PittsburghTODAY.org undertakes in-depth journalistic projects in subjects that are important to the region's future.

In 2012, projects included the Pittsburgh Regional Quality of Life Survey, the most detailed survey of life in the region that has been performed in decades. We surveyed more than 1,800 residents of the 32-county "Power of 32" region to determine residents' attitudes and behaviors. We have also produced several major journalistic reports and series in 2012 on immigrants in Pittsburgh, entrepreneurial Pittsburgh, the Marcellus Shale, and young adults in the region.

Gerontology Services

Gerontology Research Registry

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

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

Graduate Certificate in Gerontology

This program is designed to serve individuals from diverse educational, employment, and professional backgrounds who are interested in acquiring basic knowledge about gerontology and geriatrics and specialized knowledge of aging and aging processes. Students may focus broadly on a course of study in a general multidisciplinary track, or they may select a track focused on prevention and healthy aging. They may instead choose to concentrate in areas of specialization including dentistry, 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. in specific content areas

Faculty Development Awards

Steven D. Manners

In memory of Steven D. Manners, who began working at the center in 1974 and served as its assistant director from 1989 until his death in September 2000, UCSUR initiated a Faculty Development Awards program in recognition of Mr. Manners' contributions to the center and the University community. UCSUR offers annually two awards of 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 awaardees: 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 Olshansky, School of Nursing; Seung-Hyun Yoo, Graduate School of Public Health; Susan Zickmund, Medicine

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

- 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

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
Robert Gradek

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*

Faculty Associates

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

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	Bioengineering
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 Mosse	Computer Science
Taieb Znati	Computer Science
Douglas White	Critical Care Medicine
James Guggenheimer	Dental Medicine
Mary Marazita	Dental Medicine
Titus Schleyer	Dental Medicine
Robert Weyant	Dental Medicine
Frank Giarratani	Economics
Gene Gruver	Economics
Carl I. Fertman	Education
Michael Gunzenhauser	Education
Meryl K. Lazar	Education
Steven R. Lyon	Education
Maureen Porter	Education
Joan I. Vondra	Education
Vince N. Mosesso Jr.	Emergency Medicine
Paul M. Paris	Emergency Medicine
Marcia Landy	English
Jane Clougherty	Environmental and Occupational Health
Steven H. Belle	Epidemiology
Joyce T. Bromberger	Epidemiology
Jane A. Cauley	Epidemiology
Andrea Kriska	Epidemiology
Joel L. Weissfeld	Epidemiology
Jonathon Erlen	Falk Library/Public Health
William B. Kory	Geography
Carolyn Ban	Graduate School of Public and International Affairs
Louise Comfort	Graduate School of Public and International Affairs
Sabina Deitrick	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 Besterfield-Sacre	Industrial Engineering
Kenneth Sochats	Information Sciences
Terry Miller	Institute of Politics
Christine Kush	Katz Graduate School of Business
Carrie R. Leana	Katz Graduate School of Business
Marick F. Masters	Katz Graduate School of Business
John E. Prescott	Katz Graduate School of Business
Ronald A. Brand	Law
Mary Crossley	Law
Vivian Curran	Law
Lawrence A. Frolik	Law
David Herring	Law
Alan Meisel	Law
Richard P. Correnti	Learning Research and Development Center
Mary Kay Stein	Learning Research and Development Center
James M. Roberts	Magee-Womens Research Institute
Derek C. Angus	Medicine
Robert M. Arnold	Medicine
Amber Barnato	Medicine
Sonya Borrero	Medicine
Cindy L. Bryce	Medicine
Michael Fine	Medicine
John Kellum Jr.	Medicine
Ateev Mehrotra	Medicine
Anne B. Newman	Medicine
Jill Radtke Demirci	Medicine
P. Sudhakar Reddy	Medicine
Linda Robertson	Medicine
Eric Rodriguez	Medicine
Robert E. Schoen	Medicine
Stephanie Studenski	Medicine
Galen Switzer	Medicine
Mark Unruh	Medicine
Debra K. Weiner	Medicine
Susan Zickmund	Medicine
Andrew N. Weintraub	Music
Edward Stricker	Neuroscience
Catherine Bender	Nursing
Denise Charron-Prochownik	Nursing
Eileen Chasens	Nursing
Annette DeVito Dabbs	Nursing
Heidi Donovan	Nursing
Susan Sereika	Nursing
JiYeon Choi	Nursing
Rose E. Constantino	Nursing
Willa M. Doswell	Nursing
Jacqueline Dunbar-Jacob	Nursing
Judith A. Erlen	Nursing
Jennifer Lingler	Nursing
Faith Luyster	Nursing
Ann M. Mitchell	Nursing
Elizabeth A. Schlenk	Nursing
Paula Sherwood	Nursing
Aletha Akers	Obstetrics, Gynecology and Reproductive Services
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. Irrgang	Orthodpedic Surgery
Bruce S. Rabin	Pathology
Parmjeet Randhawa	Pathology
Raymond Pitetti	Pediatrics
Dianna Ploof	Pediatrics
Abhay Vats	Pediatrics

Selma F. Witchel	Pediatrics
Pouran Famili	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 Dew	Psychiatry
Andrea Dimartini	Psychiatry
Linda J. Ewing	Psychiatry
Amy Herschell	Psychiatry
Jordan Karp	Psychiatry
Robert S. Marin	Psychiatry
Karen A. Matthews	Psychiatry
Timothy Monk	Psychiatry
Lisa A. Morrow	Psychiatry
Richard Morycz	Psychiatry
Edward P. Mulvey	Psychiatry
Vishwajit Nimgaonkar	Psychiatry
Paul Pilkonis	Psychiatry
Bruce Pollock	Psychiatry
Charles F. Reynolds III	Psychiatry
Neal Ryan	Psychiatry
Magda Stouthamer-Loeber	Psychiatry
Peter Gianaros	Psychology
Christina Groark	Psychology
Thomas Kamarck	Psychology
William Klein	Psychology
John Levine	Psychology
Robert McCall	Psychology
Kathryn Roecklein	Psychology
Daniel Shaw	Psychology
Katherine Wisner	Psychology
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 Greeno	Social Work
Lovie Jackson	Social Work
Lambert Maguire	Social Work
Helen Petracchi	Social Work
Mary Rauktis	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
Vijai P. Singh	Sociology
Daniel Hall	Surgery
James D. Luketich	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 phsysicians 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 2300 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: 04/11-03/15

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

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 1000 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 1600 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.

Projects, continued

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 Lingler, *Nursing*
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, *PittsburghToday*

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.

Projects, continued

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 Pratte, *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, *Univerity 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*
Colette 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 Schulz, *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-present

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.

Competiveness 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 competiveness 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

Beach, S.R. Schulz, R., Matthews, J.T., Courtney, K., & Dabbs, A.D. (in press). Preferences for technology versus human assistance and control over technology in the performance of kitchen and personal care tasks in baby boomers and older adults. *Disability and Rehabilitation: Assistive Technology.*

Castle, N., & Beach, S. (2013). Elder abuse in assisted living. *Journal of Applied Gerontology,* 32, 248-267.

Choi, J., Hoffman, L.A., Schulz, R., Ren, D., Donahoe, M.P., Given, B., & Sherwood, P. R. (2013). Health risk behaviors in family caregivers during patients' stay in intensive care units: A pilot analysis. *American Journal of Critical Care,* 22(1), 41-45.

Choi, J., Hoffman, L.A., Schulz, R., Tate, J.A., Donahoe, M.P., Ren, D., Given, B., & Sherwood, P.R. (in press). Self-reported physical symptoms in intensive care unit (ICU) survivors: Pilot exploration over four months post-ICU discharge. *Journal of Pain and Symptom Management.*

Choi, C.W., Sherwood, P.R., Schulz, R., Ren, D., Donahoe, M.P., Given, B., & Hoffman, L.A. (2012). Patterns of depressive symptoms in caregivers of mechanically ventilated critically ill adults from ICU admission to two months post-ICU discharge: A Pilot Study. *Critical Care Medicine,* 40(5), 1546-1553.

Choi, C.W., Stone, R.A., Kim, K.H., Ren, D., Schulz, R., Given, B.A., & Sherwood, P.R. (2012). Group-based trajectory modeling of caregiver psychological distress over time. *Annals of Behavioral Medicine,* 44(1), 73-84.

Choi, J., Tate, J.A., Hoffman, L.A., Schulz, R., Ren, D., Donahoe, M.P., Given, B.A., & Sherwood, P.R. (in press). Fatigue in family caregivers of adult intensive care unit survivors. *Journal of Pain and Symptom Management.*

Cooper, R.A., Grindle, G.G., Vazquesz, J.J., Xu, J., Wang, H., Candiotti, B., Salatin, E., Houston, A., Kelleher, A., Cooper, R., Teodorski, E., & Beach, S. (2012). Personal mobility and manipulation appliance – design, development, and initial testing. Proceedings of the IEEE, 100, 2505-2511.

Courtney, K.L., Jiang, Y., Beach, S.R., Matthews, J.T., & Schulz, R. (2013). Clinician variations in data trust and use. *Studies in Health Technology and Informatics,* 183, 189-194.

Czaja, S.J., Loewenstein, D., Schulz, R., Nair, S.N., & Perdomo, D. (2013). A videophone psychosocial intervention for dementia caregivers. *American Journal of Geriatric Psychiatry,* 21(11), 1071-1081.

Deitrick, S., & Briem, C. (2012). Employer support for vanpooling and future opportunities: Survey results from south central Pennsylvania. *Pennsylvania Geographer,* 50(1/2), 106-131.

Freimuth, V.S., Musa, D., Hilyard, K.M., Quinn, S.C., & Kim, K.H. (in press). Trust during the early stages of the 2009 H1N1 Pandemic. *Journal of Health Communication.*

Garand, L., Lingler, J.H., Deardorf, K., Reynolds, C.F. III, DeKosky, S.T., Schulz, R., & Dew, M.A. (2012). Anticipatory grief in new family caregivers of persons with mild cognitive impairment and dementia. *Alzheimer Disease & Associated Disorders,* 26, 159-165.

Groffen, D., Koster, A., Bosma, H., van den Akker, M., Kempen, G., van Eijk, J., van Gool, C., Penninx, B., Harris, T., Rubin, S., Pahor, M., Schulz, R., et al. (2013). Unhealthy lifestyles do not mediate the relationship between socioeconomic status and incident depressive symptoms: The Health ABC study. *American Journal of Geriatric Psychiatry,* 21(7), 664-674.

Heckhausen, J., Wrosch, C., & Schulz, R. (2013). A lines of defense model for managing health threats. *Gerontology,* 59(5), 438-447.

Hilyard, K., Freimuth, V.S., Quinn, S.C., Kim, K., & Musa, D. (in press). Parental acceptance of the H1N1 Vaccine. *Health Education and Behavior.*

Joling, K.J., Smit, F., van Marwijk, H.W.J., van der Horst, H.E., Scheltens, P., Schulz, R., & van Hout, H.P.J. (2012). Identifying target groups for the prevention of depression among caregivers of dementia patients. *International Psychogeriatrics,* 24(2), 298-306.

Kim, Y., Carver, C.S., Schulz, R., Lucette, A., & Cannady, R.S. (2013). Finding benefit in bereavement among family cancer caregivers. *Journal of Palliative Medicine,* 16(9), 1040-1047.

Kondziolka, D., Nawn, D., Zimmerman, B., & Sochats, K. (2012). Knowledge network for authoring, reviewing, editing, searching, & using scientific or other credible information. *Disruptive Science and Technology,* 1(1), 3-10.

Kriesky, J., Goldstein, B.D., Zell, K., & Beach, S. (in press). Differing opinions about natural gas drilling in two adjacent counties with different levels of drilling activity. Energy Policy.

Kumar, S., Quinn, S.C., Kim, K.H., Musa, D., Hilyard, K.M., & Freimuth, V.S. (2012). The social ecological model as a framework for determinants of 2009 H1N1 Influenza vaccine uptake in the United States. *Health Education and Behavior,* 39(2), 229-243.

Lokkerbol, J., Adema, D., Cuijpers, P., Reynolds, C.F., Schulz, R., Weehuizen, R, & Smit, F. (in press). Improving the cost-effectiveness of a healthcare system for depressive disorders by implementing telemedicine: A health economic modeling study. *American Journal of Geriatric Psychiatry.*

Martire, L.M., Keefe, F.J., Schulz, R., Stephens, M.A.P., & Mogle, J.A. (2013). The impact of daily arthritis pain on spouse sleep. *Pain,* 154(9), 1725-1731.

Martire, L.M., Stephens, M.A.P., Mogle, J.A., Schulz, R., Brach, J., & Keefe, F.J. (2013). Daily spousal influence on physical activity in knee osteoarthritis. *Annals of Behavioral Medicine,* 45(2), 213-223.

McMillan, J. M., Courtney, K. L., Matthews, J. T., Smailagic, A., & Siewiorek, D. (2013). Designing the community multi-user health kiosk. Studies in *Health Technology and Informatics,* 183, pp. 79-83. IOS Press Ebooks.

Publications 2012–13, continued

Monin, J., Feeney, B., & Schulz, R. (2012). Attachment orientation and reactions to anxiety expression in close relationships. *Personal Relationships,* 19, 535-550.

Monin, J.K., Schulz, R., Feeney, B.C. (in press). Compassionate love in individuals with Alzheimer's disease and their spousal caregivers: Associations with caregivers' psychological health. *The Gerontologist.*

Monin, J.K., Schulz, R., & Kershaw, T.S. (2013). Caregiving spouses' attachment orientations and the physical and psychological health of individuals with Alzheimer's disease. *Aging and Mental Health,* 17(4), 508-516.

Monin, J.K., Schulz, R., Lemay, E.P., Jr., & Cook, T.B. (2012). Linguistic markers of emotion regulation and cardiovascular reactivity among older caregiving spouses. *Psychology and Aging,* 27(4), 903-911.

Monin, J.K., Schulz, R., Martire, L.M., Connelly, D., & Czaja, S.J. (in press). The personal importance of being independent: Associations with chages in disability and depressive symptoms. *Rehabilitation Psychology.*

Monk, T.H., Buysse, D.J., Billy, B.D., Fletcher, M.E., Kennedy, K.S., Begley, A.E., Schlarb, J.E., & Beach, S.R. (2013). Shiftworkers report worse sleep than day workers, even in retirement. *Journal of Sleep Research,* 22, 201-208.

Morse, J.Q., Shaffer, D.R., Williamson, G.M., Dooley, W.K., & Schulz, R. (2012). Models of self and others and their relation to positive and negative caregiving responses. *Psychology and Aging,* 27(1), 211-218.

Myaskovsky, L., Posluszny, D.M., Schulz, R., DiMartini, A.F., Switzer, G.E., Dabbs, A.D., McNulty, M.L., Kormos, R.L., Toyoda, Y., & Dew, M.A. (2012). Predictors and outcomes of health related quality of life in caregivers of cardiothoracic transplant recipients. *American Journal of Transplantation,* 12(12), 3387-3397.

Newberry, A., Choi, C.J., Donovan, H., Schulz, R., Bender, C., Given, B., & Sherwood, P. (2013). Exploring spirituality in family caregivers of patients with primary malignant brain tumors across the disease trajectory. *Oncology Nursing Forum,* 40(3), E119-125.

Newberry, A., Kuo, J., Donovan, H., Given, B., Given, C.W., Schulz, R., & Sherwood, P. (2012). Identifying family members who are likely to perceive benefits from providing care to a person with a primary malignant brain tumor. *Oncology Nursing Forum,* 39(3), E226-232.

Newman, S., Hatton-Yeo, A., & Thang, L.L. (Eds.). (2012-2013). *Journal of Intergenerational Relationships,* Volumes 10 and 11. Philadelphia, PA: Taylor & Francis Group, LLC.

Quinn, S.C., Parmer, J., Freimuth, V.S., Musa, D., Hilyard, K., & Kim, K.H. (2013). Exploring communication, trust in government and vaccine intention later in the 2009 H1N1 Pandemic: Results of a National Survey. *Biosecurity and Bioterrorism: Biodefense Strategy, Practice, and Science.* 11(2):96-106.

Reininger, B., Person Mecca, L., Stine, K.M., Schultz, K., Ling, L. & Halpern, D. (2013). Formative evaluation of a Type 2 Diabetes prevention website for African Americans, Caucasians and Mexican-Americans. J*MIR Research Protocols,* 2(2): e24.

Rodakowski, J., Schulz, R., Gentry, A., Garand, L., & Lingler, J.H. (in press). Attribution of mild cognitive impairment etiology in individuals with mild cognitive impairment and their care-partners. *International Journal of Geriatric Psychiatry.*

Rodakowski, J., Skidmore, E.R., Rogers, J.C., & Schulz, R. (2013). Does social support impact depression in caregivers of adults ageing with spinal cord injuries? *Clinical Rehabilitation,* 27(6), 565-575.

Rodakowski, J., Skidmore, E.R., Rogers, J.C., & Schulz, R. (2012). Role of social support in predicting caregiver burden. Archives of *Physical Medicine and Rehabilitation,* 93, 2229-2236.

Saunders, C.L., Landis, A.E., Mecca, L.P., Jones, A.K., Schaefer, L.A., & Bilec, M.M. (2013). Analyzing the Practice of Life Cycle Assessment: Focus on the Building Sector. *Journal of Industrial Ecology,* 17(5), 777-788.

Scharp, V.L. & Tompkins, C.A. (in press). Suppression and narrative time shifts in right hemisphere brain damage. *American Journal of Speech-Language Pathology.*

Schulz, R. (2013). Research priorities in geriatric palliative care: informal caregiving. *Journal of Palliative Medicine,* 16(9), 1008-1112.

Schulz, R., Beach, S.R., Cook, T.B., Martire, L.M., Tomlinson, J.M., & Monin, J.K. (2012). Predictors and consequences of perceived lack of choice in becoming an informal caregiver. *Journal of Aging and Mental Health,* 16(6), 712-721.

Schulz, R., Beach, S.R., Matthews, J.T., Courtney, K.L., & De Vito Dabbs, A.J. (2012). Designing and evaluating quality of life technologies: An interdisciplinary approach. Proceedings of the IEEE, 100(8), 2397-2409.

Schulz, R., Beach, S., Matthews, J., Courtney, K., Dabbs, A. D., Mecca, L. P., & Sankey, S. (in press). Willingness to pay for quality of life technologies to enhance independent functioning among baby boomers and the elderly. *The Gerontologist.*

Schulz, R., Cook, T.B., Beach, S.R., Lingler, J.H., Martire, L.M., Monin, J.K., & Czaja, S.J. (2013). Magnitude and causes of bias among family caregivers rating Alzheimer's Disease patients. *American Journal of Geriatric Psychiatry,* 21(1), 14-25.

Stahl, S.T., & Schulz, R. (in press). The effect of widowhood on husbands' and wives' physical activity: The Cardiovascular Health Study. *Journal of Behavioral Medicine.*

Stahl, S., & Schulz, R. (in press). Changes in routine health behaviors following late-life bereavement: A systematic review. *Journal of Behavioral Medicine.*

Thorpe, J.M., Thorpe, C.T., Kennelty, K.A., Gellad, W.A., & Schulz, R. (2012). The impact of family caregivers on potentially inappropriate medication use in non-institutionalized older adults with dementia. *The American Journal of Geriatric Pharmacotherapy,* 10(4), 230-241.

Tompkins, C.A. (2012). Rehabilitation for cognitive-communication disorders in right hemisphere brain damage. *Archives of Physical Medicine and Rehabilitation,* 93(1 Suppl), S61-69.

Wallace, M.L., Dombrovski, A.Y., Morse, J.Q., Houck, P.R., Frank, E., Alexopoulos, G.S., Reynolds III, C.F., & Schulz, R. (2012). Coping with health stresses and remission from late-life depression in primary care: A two-year prospective study. *International Journal of Geriatric Psychiatry,* 27(2), 178-186.

Wang, J., Matthews, J.T., Sereika, S.M., Chasens, E. R., Ewing, L.E., & Burke, L. E. (2013). Psychometric evaluation of the Social Problem-Solving Inventory-Revised among overweight or obese adults. *Journal of Psychoeducational Assessment,* 31(6), 585-590.

Wang, J., Sereika, S.M., Chasens, E.R., Ewing, L. E., Matthews, J.T., & Burke, L.E. (2012). Effect of adherence to self-monitoring of diet and physical activity on weight loss in a technology supported behavioral intervention. *Patient Preference and Adherence*, 6, 221-226.

Wang, J., Zgibor, J., Matthews, J., Charron-Prochownik, D., Sereika, S. M., & Siminerio, L. M. (2012). Self-monitoring of blood glucose is associated with problem-solving skills in hyperglycemia and hypoglycemia. *Diabetes Educator,* 38(2), 207-218.

Wilson, S.J., Martire, L.M., Keefe, F.J., Mogle, J.A., Stephens, M.P., & Schulz, R. (2013). Daily verbal and nonverbal expression of osteoarthritis pain and spouse responses. *Pain,* 154(10), 2045-2053. P

Yang, K., Woomer, G.R., & Matthews, J.T. (2012). Collaborative learning among undergraduate students in community health nursing. *Nursing Education in Practice,* 12(2), 72-76.

Books/Book Chapters/ Other Publications

Beach, S.R. (2013). Assessing needs, preferences, and attitudes using survey methods. In R. Schulz (Ed.), *Quality of Life Technology Handbook* (pp. 65-85). Boca Raton, FL: CRC Press/Taylor & Francis Group.

Czaja, S.J., Beach, S., Charness, N., & Schulz, R. (2013). Older adults and adoption of healthcare technology: Opportunities and challenges. In A. Sixsmith & G. Gutman (Eds.), *Technologies for Active Aging* (pp. 27-46). International Perspectives on Aging, Vol. 9. New York, NY: Springer.

Czaja, S.J., Lee, C.C., & Schulz, R. (2013). Quality of life technologies in supporting family caregivers. In R. Schulz (Ed.), *Quality of Life Technology Handbook* (pp. 245-260). Boca Raton, FL: CRC Press/Taylor & Francis Group.

Dabbs, A.D., Beach, S.R., Courtney, K.L., & Matthews, J.T. (2013). Evaluating quality of life technologies (pp. 147-160). In R. Schulz (Ed.). *Quality of Life Technology.* Boca Raton, FL: CRC Press/Taylor & Francis Group.

Deitrick, S. (2012). Pittsburgh goes high tech. In A. Mallach (Ed.), *Developing Effective Strategies for Shrinking American Cities.* New York: The American Assembly, Columbia University.

Gitlin, L.N., & Schulz, R. (2012). Family caregiving of older adults. In T.R. Prohaska, L.A. Anderson, & R.H. Binstock (Eds.), *Public Health for an Aging Society.* Baltimore, MD: The Johns Hopkins University Press.

Martire, L.M., & Schulz, R. (2012). Caregiving and care receiving in later life: Health effects and promising interventions. In A. Baum, T. Revenson, & J. Singer (Eds.), *Handbook of Health Psychology,* 2nd ed. New York, NY: Psychology Press/Taylor and Francis.

Matthews, J.T., & Courtney, K.L. (2013). Fostering teamwork and community partnerships (pp.133-145). In R. Schulz (Ed.). *Quality of Life Technology.* Boca Raton, FL: CRC Press/Taylor & Francis Group.

Matthews, J.T., Courtney, K.L., & Dabbs, A.D. (2013). Design and development process (pp. 87-106). In R. Schulz (Ed.). *Quality of Life Technology.* Boca Raton, FL: CRC Press/Taylor & Francis Group.

Matthews, J. T., Simmons, R., Almeida, G. J. M., da Silva, R. R., Taylor, P., & Schlenk, E. (2012). Usability of a virtual coach system for therapeutic exercise for osteoarthritis of the knee. IEEE/RSJ International Conference on Intelligent Robots and Systems (IROS), Workshop on Motivational Aspects of Robotics in Physical Therapy.

Newman, S. (Chair), Kopera-Frye, K. (Co-Chair), Donorfio, L.K.M., Haslem, H., Manning, L.K., McMullen, T., & Rodzwicz, C.A. (2012). Association for Gerontology in Higher Education's Intergenerational Learning and Research Initiative: Interactive Intergenerational Online Bibliography.

Schulz, R. (Editor in Chief). (2013). *Quality of Life Technology Handbook.* Boca Raton, FL: CRC Press/Taylor & Francis Group.

Schulz, R. (2013). Current issues in informal caregiving research: Prevalence, health effects, and intervention strategies. In H. Lavretsky, M. Sajatovic, & C.F. Reynolds III (Eds.), *Late-life Mood Disorders* (pp. 236-253). New York, NY: Oxford University Press.

Schulz, R. (2013). Facilitators and barriers to technology uptake: Organizational and societal perspectives. In R. Schulz (Ed.), *Quality of Life Technology Handbook* (pp. 17-27). Boca Raton, FL: CRC Press/Taylor & Francis Group.

Schulz, R., & Beach, S.R. (2013). Who can benefit from Quality of Life Technology? In R. Schulz (Ed.), *Quality of Life Technology Handbook* (pp. 3-16). Boca Raton, FL: CRC Press/Taylor & Francis Group.

Schulz, R., Beach, S.R., Dabbs, A.D., Matthews, J.T., Courtney, K.L., Seelman, K.D., & Mecca, L.P. (2013). Preface: Introduction and overview: What do we mean by quality of life technologies? In R. Schulz (Ed.). *Quality of Life Technology Handbook* (pp. vii-xiv). Boca Raton, FL: CRC Taylor & Francis Group.

Schulz, R., & Morycz, R. (2013). Psychosocial factors, health, and quality of life. In M.D. Miller & L.K. Solai (Eds.), *Geriatric Psychiatry* (pp. 343-371). New York, NY: Oxford University Press.

Singh, V., and Briem, C. (2012). Metropolitan area migration patterns of the scientific and engineering workforce within the United States. In U. Hilpert and H.L. Smith (Eds.), *Networking Regionalised Innovative Labour Markets.* London: Routledge.

Tompkins, C.A., Klepousniotou, E., & Scott, A.G. (2012). Nature and assessment of right hemisphere disorders. In I. Papathanasiou, P. Coppens, & C. Potagas (Eds.), *Aphasia and Related Neurogenic Communication Disorders* (pp. 297-343). Sudbury, MA: Jones & Bartlett.

Tompkins, C.A., & Scott, A.G. (2012). Treatment of right hemisphere disorders. In I. Papathanasiou, P. Coppens, & C. Potagas (Eds.), *Aphasia and Related Neurogenic Communication Disorders* (pp. 345-364). Sudbury, MA: Jones & Bartlett.

Technical Reports

Beach, S., and Schlarb, J. (2012). Health care consumer survey: Final report. UCSUR, University of Pittsburgh.

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.

Deitrick, S., Lafe, W., & Briem, C. (2012). Economic and Community Impacts of the University of Pittsburgh at Bradford, 2012. UCSUR, University of Pittsburgh

Gradeck, R. (2013). Hilltop housing market analysis. UCSUR, University of Pittsburgh.

Gradeck, R. (2012). The Hazelwood neighborhood, 2010. UCSUR, University of Pittsburgh.

Gradeck, R. (2012). Who moves to Lawrenceville and why? UCSUR, University of Pittsburgh.

The Regional Indicators, PittsburghTODAY. (2012). African Americans in Pittsburgh. UCSUR, University of Pittsburgh.

The Regional Indicators, PittsburghTODAY. (2012-2013). Marcellus Shale series. UCSUR, University of Pittsburgh.

The Regional Indicators, PittsburghTODAY. (2012). Pittsburgh's new immigrants. UCSUR, University of Pittsburgh.

The Regional Indicators, PittsburghTODAY. (Ongoing). Pittsburgh today & tomorrow: The facts and the future of our region. UCSUR, University of Pittsburgh.

The Regional Indicators, PittsburghTODAY. (2013). The Pittsburgh regional environment survey. UCSUR, University of Pittsburgh.

The Regional Indicators, PittsburghTODAY. (2012). The Pittsburgh regional quality of life survey. UCSUR, University of Pittsburgh.

The Regional Indicators, PittsburghTODAY. (2013). The STEM gap. UCSUR, University of Pittsburgh.

The Regional Indicators, PittsburghTODAY. (2012). Venture city series. UCSUR, University of Pittsburgh.

The Regional Indicators, PittsburghTODAY. (2012). Young adult report 2012, UCSUR, University of Pittsburgh.

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