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GOALS

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. UCSUR promotes and coordinates interdisciplinary research focused on the social, economic, and health issues most relevant to our society. Specific goals of UCSUR fall into four broad domains:

1. **Provide** state-of-the-art research support services and infrastructure for investigators interested in interdisciplinary research in public policy and the social, behavioral, and health sciences (engage in research of impact; build foundational strength).

2. **Support** the community service mission of the University by providing data and conducting policy analysis for the region (strengthen communities; engage in research of impact).

3. **Develop** nationally recognized research programs within the Center in a few selected areas (currently family caregiving; elder abuse; and technology and aging) (engage in research of impact).

4. **Support** the teaching mission of the University by offering interdisciplinary training and mentoring diverse graduate students, postdoctoral fellows, and junior faculty (advance educational excellence; embrace diversity and inclusion).

To achieve the strategic goals of the Center, UCSUR maintains a permanent research infrastructure available to faculty and the community with the capacity to:

1. **Conduct** all types of survey research and quantitative data analysis

2. **Acquire**, manage, store, and analyze secondary and administrative data sets including census data and data of unique local interest

3. **Obtain**, format, and analyze spatial data

4. **Carry out** regional econometric modeling

5. **Design** and carry out descriptive, evaluation, and intervention studies

6. **Conduct** qualitative data collection and analysis

Our research infrastructure is organized under four core programs:

1. **Survey Research Program (SRP)**, which is responsible for all aspects of survey research and quantitative data analysis;

2. **Urban and Regional Analysis Program (URA)**, which acquires, manages, and analyzes secondary and administrative data sets; does regional econometric modeling; and obtains, formats, and analyzes spatial data;

3. **Gerontology Program**, which provides expertise in the design, measurement, and analysis of descriptive, evaluation, and intervention studies focused on older adults; and

4. **Qualitative Data Analysis Program (QDAP)**, which supports the collection and analysis of open-ended text data using rigorous computer-based methods.

University Center for Social and Urban Research (UCSUR)

The mission of UCSUR is to work collaboratively to conduct interdisciplinary research that improves communities and addresses social, economic, health, and policy issues most relevant to society. UCSUR carries out this mission by (1) providing research support infrastructure and training; (2) conducting original research in a few focused areas, including urban impact analysis, survey methodology, and psychosocial aspects of aging; and (3) enhancing access to local and national policy-relevant data.
MESSAGE FROM THE INTERIM DIRECTOR

I am happy to update the University community on the recent activities and accomplishments of the University Center for Social & Urban Research (UCSUR).

During the past year, UCSUR has produced over 40 peer-reviewed publications receiving approximately 5,000 Google scholar citations, and participated in over 70 funded grants, the majority of which involve multidisciplinary collaborations. UCSUR received $1,500,000 in external funding for multiple research infrastructure support projects through the Survey Research Program (SRP) in collaboration with University faculty across schools and departments. We continued our nationally recognized research in family caregiving, financial exploitation of older adults, and technology and aging. UCSUR also helped cofound and provides leadership for the Center for Caregiving Research, Education and Policy with the Health Policy Institute and Schools of Nursing, Public Health, and Medicine, which involves approximately 30 affiliated faculty representing a range of health and behavioral science disciplines. UCSUR has also continued to be the go-to resource for data and analysis to inform regional public policy through the Western Pennsylvania Regional Data Center (WPRDC) and the PittsburghTODAY regional benchmarking initiative. These resources contain over 300 downloadable datasets (many updated on a frequent basis) and 500 indicators covering more than 20 topic areas. The WPRDC also contains several data extraction and visualization tools that enhance user access and support statistical analyses. UCSUR’s Environmental Policy Initiative, part of the Urban and Regional Analysis (URA) program, continues to expand with projects on lead water line detection, integrating engineering and social science methods and modeling.

Finally, UCSUR continues to build its permanent research infrastructure with the capacity to conduct all types of survey research; obtain, format, and analyze spatial data; acquire, manage, and analyze large secondary and primary data sets; carry out regional econometric modeling; and carry out qualitative research. Highlights include our regional research registry with more than 8,000 local residents (including 1,200 family caregivers) willing to participate in research studies; continued refinement of the UCSUR SRP in-house longitudinal multi-mode survey data management and collection system; and continued expansion of our geographic Information System (GIS) capabilities.

I hope this report will give you a sense of the value that UCSUR provides to the University and the broader community.
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 next section are provided by one or more of these programs. As new policy issues emerge, UCSUR is prepared to facilitate and coordinate the development of additional programs identified by interested faculty. Existing research programs include the following:

**Gerontology**
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**
Offers a rigorous approach to qualitative data collection and analysis, including focus group facilitation; in-depth interviewing; cognitive interviewing; analysis of textual or website 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 reporting.

**Survey Research**
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. Features a 45-line telephone bank for Computer-Assisted Telephone Interviewing (CATI).

**Urban and Regional Analysis**
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, aids in the evaluation of policy alternatives, and applies GIS and neighborhood indicators to understand community revitalization.

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.
UCSUR: A hub for social, behavioral, economic, and health sciences research

UCSUR: A research collaborative network (FY 2019)

Internal Pitt Inputs (UCSUR received sub-awards)
- Dental Medicine
- Engineering
- Graduate School of Public Health, Epidemiology
- Health Policy Institute
- Katz Business School
- School of Nursing
- Psychiatry
- Psychology
- Medicine
- School of Health and Rehabilitation Sciences
- University Library System

External Organization Inputs (UCSUR received sub-awards)
- Carnegie Mellon University
- Cornell University
- RAND Corporation
- Veteran’s Administration

UCSUR Manners Pilot Awards
- Psychiatry
- School of Social Work

Internal Pitt Outputs (UCSUR provided sub-awards)
- Medicine
- Psychiatry
- School of Health and Rehabilitation Sciences
- School of Nursing
- School of Social Work

External Organization Outputs (UCSUR provided sub-awards)
- Carnegie Mellon University
- Cornell University
- Penn State University
- University of Miami (FL)
- University of Missouri
- University of Victoria, Canada
- UPMC
- Veterans Research Foundation (Pittsburgh)
Types of samples provided include:

- **Random digit dialing (RDD) samples:** particularly suited for telephone survey 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 on incomplete interviews, converting refusals into acceptances, and use of mixed-mode designs and incentives.

**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 handouts, video instruction, and role-playing. Interviewers are continuously monitored during data collection for quality assurance, and periodic re-training sessions occur as necessary.

**Computer-assisted telephone interviewing (CATI):**

A 45-line phone bank at UCSUR is dedicated to a computer-assisted telephone interviewing 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 50 percent of the U.S. population (and growing). Cell-phone only households are typically younger, more likely to be employed, and more
We advise 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.

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 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 ACASI 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.

**Mobile device data collection:**
SRP has capabilities to design applications for the collection of data on smartphones and other mobile devices. These include tools for the collection and integration of self-reported survey, location tracking, and physiological monitoring data for real-time ecological momentary assessment studies.

**Additional data collection services:**
Phone 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 8,000 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. Over the past year, SRP has added an indicator for participants who are providing unpaid care to an ill or disabled family member or friend. To date, more than 1,200 family caregivers have been identified who are willing to participate in research studies.

**Participant Recruitment and Screening**
In addition to assisting with primary survey data collection, SRP can assist researchers with locating, contacting, screening, consenting, and scheduling research participants. We use a variety of sample sources (e.g., telephone samples, research registries) and methods (telephone, web, social media) to cost-effectively recruit and enroll research participants for observational, clinical, and intervention studies.
WHAT WE DO:
Center Resources

Data Management
Using a variety of computer programs, languages, database management software, and operating systems, SRP staff are available to perform a number of data management functions, including database development, editing, coding, and survey data processing. SRP staff also have the capability to integrate survey respondent data with GIS-based spatial data, and with other secondary data sources.

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

• Descriptive statistical analyses of survey responses, including calculations of sampling error, and statistical weighting 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

CSUR’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.
Environmental Policy Analysis

In the spring of 2017, UCSUR initiated the Environmental Policy Analysis program led by Michael Blackhurst. The Environmental Policy Analysis program integrates engineering and social science methods to address society’s environmental challenges through open source publications and decision support resources. The Environmental Policy Program also serves to connect researchers at the University of Pittsburgh to sponsors and interests external to the University.

The Pittsburgh Regional Economic Model

Regional economic models describe the flow of monetary and labor resources within and across both regions and economic sectors. They are often used to assess the economic and labor impacts of policy alternatives, such as tax revisions, economic development, large-scale infrastructure investment, and many other similar scenarios.

UCSUR uses software published by Regional Economic Models Inc. (REMI) to develop and maintain a regional economic model for Pittsburgh. Pittsburgh’s REMI model is supported by UCSUR in partnership with the Southwestern Pennsylvania Commission, which uses REMI for planning transportation infrastructure. UCSUR has over 25 years of experience applying the model to the Pittsburgh region. Previous applications of Pittsburgh’s REMI model include economic, population, and labor forecasting and regional economic impact analysis.

Western Pennsylvania Regional Data Center

The Western Pennsylvania Regional Data Center supports key community initiatives by making public information easier to find and use. The Data Center provides a technological and legal infrastructure for data sharing to support a growing ecosystem of data providers and data users. The Data Center maintains Allegheny County and the City of Pittsburgh’s open data portal and provides a number of services to data publishers and users. The Data Center also hosts datasets from these and other public sector agencies, academic institutions, and nonprofit organizations. The Data Center is managed by the University of Pittsburgh’s Center for Social and Urban Research and is a partnership of the University, Allegheny County, and the City of Pittsburgh. The Data Center is made possible through support provided by the Richard King Mellon Foundation, The Heinz Endowments, the University of Pittsburgh, Allegheny County, and the City of Pittsburgh.

The Data Center has been involved in the development of several information tools built using open data. Below is a listing:

• The Parking Dashboard displaying data about parking usage and revenue for every on-street meter zone and surface lot in the City of Pittsburgh. This tool was built in collaboration with the Pittsburgh Parking Authority.

• The Data Center worked in partnership with the Allegheny Land Trust to develop the Greenprint planning tool to support planning and land-use decisions. The mapping tool displays both environmental and property data in Allegheny County.

• Burgh’s Eye View displays a wide variety of information about the City of Pittsburgh, including service requests, street trees, code violations, reported crimes, and City of Pittsburgh assets. The tool was built by the City of Pittsburgh using data managed by the Data Center.

• Several tools for viewing and downloading property data across multiple datasets from Allegheny County and the City of Pittsburgh were also developed by the Data Center and available through its website.

• The Data Center also manages real-time data from the Allegheny County Health Department’s network of continuous air quality monitors. This information is shared through Allegheny County’s Air Quality Dashboard developed by County staff.

• The Engagement Map displays information about University of Pittsburgh Outreach Programs and was developed in collaboration with the University Office of Community & Governmental Relations.
Regional 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.

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:

- Housing Price Trends in Pittsburgh Since the Great Recession
- Earnings Rebound in Southwestern Pennsylvania
- Trends in Educational Attainment within the Pittsburgh Region’s Labor Force

Geographic Information System (GIS)

Geographic Information Systems visualize and analyze spatial trends in data. UCSUR staff have decades of leadership experience using GIS systems to manage and analyze spatial data, including executing original research and providing data publishing, technical assistance, online decision support, and data educational and training. Our staff have led GIS-driven projects across a diversity of domains, including environmental policy, health care, land use and housing policy, and public health. Exemplary recent projects include the Western Pennsylvania Regional Data Center (WPRDC) and Southwestern Pennsylvania Community Profiles.

Pittsburgh Perspectives

The URA Program has expanded public outreach with a new online section of the UCSUR web page, which publishes short analyses of topics related to economic and demographic change in the Pittsburgh region.
WHAT WE DO:
Center Resources

GERONTOLOGY SERVICES

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 over 30 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. Program faculty and staff play an active role in developing proposals for research focused on psychosocial, behavioral, cognitive, and physical aspects of aging. Our principal goals are to:

• Stimulate the development of externally funded research in six areas:
  1. physical and mental health of older adults
  2. use of technology to improve older adults’ quality of life
  3. work and retirement
  4. aging and social institutions
  5. socialization and social support
  6. cultural differences and aging

• Operate as the information hub for interdisciplinary, aging-related research and training resources throughout the University

• Assist in the development of new gerontological training and service programs that serve the research and training missions of the University

Graduate Certificate in Gerontology

This educational 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 offered both on-campus as well as through Pitt Online. They may also select specialty tracks focused on prevention and healthy aging, 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.

Information about this Graduate Certificate in Gerontology Program can be found at: agingcertificate.pitt.edu.

Center for Caregiving Research, Education, and Policy

In collaboration with the Health Policy Institute, the Gerontology Program of UCSUR launched the Center for Caregiving Research, Education, and Policy. The mission of the center is to enhance research on caregiving; train professionals and family caregivers to be as effective as possible; institute support programs integrating caregivers into existing health care services, long-term services and support systems; and inform public policy on the role of caregivers in state and national health care regulations.

For more than three decades, our multidisciplinary faculty and clinicians at the University of Pittsburgh and UPMC have been at the forefront of research documenting the impact...
of caregiving on family caregivers and the persons they care for, developing intervention strategies to mitigate the negative effects and enhance the positive effects of caregiving, and formulating policy to support caregivers. The center consolidates and synergizes this expertise to accelerate the impact of our research on policy, health care systems, and the health of family members who are providing and receiving care.

Technology and Aging
A major research project led by the Gerontology Program focuses on how and why community-residing older adults, particularly those with limited access to personal computers and mobile devices, use multi-user health kiosks located in congregate settings to self-monitor and manage several aspects of their health. In addition to tracking user engagement with the assessment and intervention features of the kiosk, the project explores health services utilization during up to 18 months of study participation and promotes patient-provider communication regarding personal health and family caregiving concerns. This project is supported by the Agency for Healthcare Quality and Research and involves multidisciplinary collaboration among researchers in the health professions, social sciences, engineering, computer science, and informatics from several universities.

Geriatric Education
The Geriatric Education Center of Pennsylvania based at UCSUR leads a consortium comprising the University of Pittsburgh, VA Pittsburgh Healthcare System, Pennsylvania State University Center on Healthy Aging, and UPMC Aging Institute. Six initiatives provide training and resources to professional and paraprofessional health care providers, older adults, and family caregivers. Funded by the Health Resources and Services Administration, these initiatives address several regional needs and national directives regarding geriatric education:

- Improving the care of elderly veterans through education of primary care providers and family members
- Transforming clinical training for Alzheimer’s disease and related disorders and providing training to health and social services professionals in rural and underserved urban areas
- Advancing dementia-care competency and preparedness across disciplines in multiple primary care settings
- Improving mental health care for older adults in primary care settings
- Improving healthy lifestyles of older adults by training health and social service providers to implement preventive interventions for older adults in community settings
- Establishing a regional, community-based outreach and resource center
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 have 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, website 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 work 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 using qualitative analysis software. We maintain a 15-station transcription and qualitative data coding lab that 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; NVivo, another widely used qualitative data analysis software package; and 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. In addition, we offer training seminars and one-on-one training sessions for faculty, staff, and students in using ATLAS.ti, NVivo, and Transana.

Services Provided
- Study design, management and coordination
- Interviewer training and management
- Participant recruitment
- Data collection including focus group facilitation, in-depth interviewing, cognitive 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, NVivo, Transana)
WHAT WE DO:
Center Resources

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 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 website (www.ucsur.pitt.edu).

INFORMATION TECHNOLOGY INFRASTRUCTURE

UCSUR Technology Services provides customized data management systems and services for our programs and clients. These systems and services focus on high-level security, data integrity, reliability, performance, and function. UCSUR partners with the University of Pittsburgh’s Computing Services and Systems Development (CSSD) department and cloud-based services from Oracle, Google, and Amazon. These relationships enhance our capability to utilize modern computing technologies, deploy enterprise quality software, implement contemporary security protocols, and leverage protective network infrastructures. These vital partnerships enable UCSUR to provide staff and researchers the tools needed to meet critical and unique project requirements. Using this approach UCSUR can meet strict data integrity, security, and privacy demands of entities such as Institutional Review Boards (IRBs), funding agencies, and the federal government.

UCSUR Technology Services also supports data mining and data analytics software and methods that enable researchers to identify relationships and draw conclusions from collected data. This integrated, data-based analytical methodology is fundamental to research conducted and supported by UCSUR’s interdisciplinary research team.
UCSUR can assist faculty at the University of Pittsburgh and community agencies with their program evaluation needs. We provide assistance in developing and designing evaluation plans, collecting and analyzing data, and writing evaluation reports. Depending on the focus of the project, these services can be provided by the Survey Research Program, Qualitative Data Analysis Program, Urban and Regional Analysis Program, or Gerontology Program.

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

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

Specific evaluation services offered include:

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

UCSUR has conducted evaluations on family support, home visiting, education, and child health programs among many others.
FACULTY DEVELOPMENT AWARDS

2019
Jessica Hamilton, WPIC; 
Marlo Perry, School of Social Work

2018
Jamie Hanson, Psychology; 
Junia Howell, Sociology; 
Chelsea Pallatino, Obstetrics, Gynecology, & Reproductive Sciences

2017
Courtenay Dunn-Lewis, Health and Physical Activity; 
Aidan Wright, Psychology

2016
Victoria Shineman, Political Science; 
Alicia Sufrinko and Anthony Kontos, Orthopaedic Surgery

2015
Carissa Low, University of Pittsburgh Cancer Institute; 
Elizabth Votruba-Drzal, Psychology

2014
Anthony Fabio and Dara Mendez, Epidemiology; 
Lyn Robertson, Medicine

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

2012
Nicholas Castle, Graduate School of Public Health

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

2010
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
Irina Murtazashvili, Economics; 
Brian A. Primack, Medicine and Pediatrics

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

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

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

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

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

2003
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
Maureen Porter, Administrative and Policy Studies; 
Scott F. Kiesling, Linguistics

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

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 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.
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Greg Six
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Abena Boadi-Agyemang
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Carrie Rodzwicz

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IT Director/Database Administrator:
Robert Keene
Systems Administrator:
Eric Wolfe
Senior Research Programmer:
David Walker
Research Programmers:
Rhaven Nelson,
Steven Saylor

Survey Research Program
Director:
Scott Beach
Research Associate:
Donald Musa
Senior Research Specialist:
Janet Schlarb
Senior Fieldwork Supervisor:
Lynda Connelly
Fieldwork Supervisors:
Olivia Kirsch, Olivia Wilson
Fieldwork Supervisor/Research Specialist:
Amber Barton
Research Specialist:
Christine Byerly
Research Specialists/Interviewers:
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Jane Dirks, Paula Kubrick,
Patricia Lietz, Matthew Maielli,
Susan Stringfellow, Meg Streiff

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Michael Blackhurst
Co-Program Director:
Sabina Deitrick**
Regional Data Center Director:
Robert Gradeck
Regional Economist:
Christopher Briem
GIS Database Analyst:
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Elizabeth Monk
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Douglas Heuck
PittsburghTODAY Research Coordinators:
Julia Fraser, Bill O’Toole

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Richard Schulz
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David Halpern, Kevan Schultz

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Journal Editor:
Rafael Engel**

** Indicates participating faculty, not UCSUR staff

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John P. Williams
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Jessica Griffin Burke
Behavioral and Community Health Sciences

Mary Hawk
Behavioral and Community Health Sciences

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Gary M. Marsh
Biostatistics

Amber E. Johnson
Cardiology

Melissa Bilec
Civil and Environmental Engineering

David Sanchez
Civil and Environmental Engineering

Kenneth Sochats
College of General Studies

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Communication

Catherine V. Palmer
Communication Science and Disorders

Alexandros Labrinidis
Computer Science

Rami Melhem
Computer Science

Daniel Mosse
Computer Science

Taieb Znati
Computer Science

Jeremy Kahn
Critical Care Medicine

Douglas White
Critical Care Medicine

James Guggenheimer
Dental Medicine

Mary Marazita
Dental Medicine

Robert Weyant
Dental Medicine

Patricia Beeson
Economics

Randall Walsh
Economics

Linda DeAngelo
Education

Carl I. Fertman
Education

Michael Gunzenhauser
Education

Maureen Porter
Education

Vince N. Mosesso, Jr.
Emergency Medicine

Brian Suffoletto
Emergency Medicine

Steven H. Belle
Epidemiology

Jane A. Cauley
Epidemiology

Andrea Kriska
Epidemiology

William B. Kory
Geography

Rollin Wright
Geriatric Medicine

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Graduate School of Public and International Affairs

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Health and Rehabilitation Sciences

Nicholas Castle
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Howard B. Degenholtz
Health Policy and Management

Everette James III
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Human Genetics

Mary Besterfield-Sacre
Industrial Engineering

Kathleen McGlade
Internal Medicine

Lawrence Feick
Katz Graduate School of Business

Carrie R. Leana
Katz Graduate School of Business

John E. Prescott
Katz Graduate School of Business
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<td>Daniel Hall</td>
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<td>James D. Luketich</td>
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<td>Aaron Brenner</td>
<td>University Library System</td>
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PROJECTS*

Biobehavioral Studies of Cardiovascular Disease
PIs: Scott Beach, SRP, UCSUR
Janet Schlarb, SRP, UCSUR
Peter Gianaros, Psychology
Funder: National Institutes of Health
Period: 05/18-06/23
   Telephone recruitment of participants for the NOAH (N=389) and eBACH (N=150) studies designed to advance mechanistic and translational science on the neurobiology of cardiovascular disease risk in midlife.

Does a New Supermarket Improve Dietary Behaviors of Low-Income African Americans?
PIs: Scott Beach, SRP, UCSUR
Tamara Dubowitz, RAND
Funder: National Institutes of Health
Period: 05/10-12/20
   Interviewer training, programming for data collection, and data management in a study of the impact of a new grocery store on dietary behavior in 1,600 residents of low-income neighborhoods.

Does Mindfulness Meditation Training Improve Social Relationship Functioning?
PIs: Scott Beach, SRP, UCSUR
Janet Schlarb, SRP, UCSUR
David Creswell, Carnegie Mellon University
Funder: National Institutes of Health
Period: 09/15-08/20
   Telephone recruitment of N=189 older adults for participation in a mindfulness meditation training program.

Esophageal Cancer Patient Survey
PIs: Scott Beach, SRP, UCSUR
Janet Schlarb, SRP, UCSUR
Katie Nason, Medicine
Funder: National Institutes of Health
Period: ongoing
   Telephone interviews of 200+ patients diagnosed with or at risk for esophageal cancer exploring risk factors and patient interactions with the healthcare system.

Experimental Study of Stress and DNA Damage in Humans: Mediators and Moderators
PIs: Scott Beach, SRP, UCSUR
Janet Schlarb, SRP, UCSUR
Dana Bovbjerg, Psychiatry
Funder: National Institutes of Health
Period: 01/17-12/21
   Telephone recruitment of 160 persons to participate in an experimental study looking at the effects of brief stresses on DNA in blood samples.

Factors Contributing to Oral Health Disparities in Appalachia
PIs: Scott Beach, SRP, UCSUR
Mary Marazita, Dental Medicine
Funder: National Institutes of Health
Period: 04/11-06/21
   Telephone interviews of 1,000 new mothers—500 in Pittsburgh and 500 in West Virginia—to explore factors related to childhood oral health disparities.

Identifying Predictors of Poor Health-Related Quality of Life among Pediatric Hematopoietic Stem Cell Donors
PIs: Scott Beach, SRP, UCSUR
Janet Schlarb, SRP, UCSUR
Galen Switzer, Medicine
Funder: National Institutes of Health
Period: 01/18-12/21
   Telephone interviews with several hundred pediatric stem cell donors and their family members to gather information that will be used to design interventions to improve quality-of-life in donors and their families.

Improving the Availability of Younger Unrelated Hematopoietic Stem Cell Donors
PIs: Scott Beach, SRP, UCSUR
Janet Schlarb, SRP, UCSUR
Galen Switzer, Medicine
Funder: National Institutes of Health
Period: 04/16-04/21
   Web survey of several hundred younger potential unrelated hematopoietic stem cell donors (aged 18–30) with the ultimate goal of improving availability of this younger donor group.

Increasing Equity in Transplant Evaluation and Living Donor Kidney Transplantation
PIs: Scott Beach, SRP, UCSUR
Larissa Myascovsky, University of New Mexico
Funder: National Institutes of Health
Period: 09/14-07/19
   Telephone interviews of N=1300 kidney transplant patients to collect information that will help pave the way for transplant centers to implement fast-track systems, improve quality of care, and address racial disparities in rates of LDKT.
Jefferson Area Community Data and Technical Assistance
Pls: Scott Beach, SRP, UCSUR
Janet Schlarb, SRP, UCSUR
Mary Phan-Gruber, Jefferson Regional Foundation
Funder: Jefferson Regional Foundation
Period: 01/19-12/20
This project leverages UCSUR’s expertise in qualitative analysis, survey design, focus groups, database tools and training to provide analysis, guidance and technical assistance to the Foundation and Jefferson Community Collaborative. UCSUR is filling an essential role in the production of community data, evaluations and in building local capacity in the application of data for community impact through various projects.

Melanopsin Photosensitivity and Psychopathology
Pls: Scott Beach, SRP, UCSUR
Kathryn Roecklein, Psychology
Funder: National Institutes of Health
Period: 09/14-05/19
Telephone recruitment of N=130 persons with seasonal affective disorder.

On the Move: Optimizing Participation in Group Exercise
Pls: Scott Beach, SRP, UCSUR
Robert Keene, SRP, UCSUR
Jennifer Brach, Health and Rehabilitation Sciences
Funder: Patient-Centered Outcomes Research Institute
Period: 10/14-present
SRP is using Interactive Voice Response (IVR) among group exercise participants to track falls, activity, and hospital visits monthly over the course of one year.

Regional Quality of Life 2018
Pls: Scott Beach, SRP, UCSUR
Douglas Heuck, URA, UCSUR
Funders: UCSUR, PittsburghTODAY
Period: 04/18-12/18
Web survey of N=1900 local residents assessing their views regarding quality of life in Allegheny County. This is an update to a similar survey conducted in 2011.

Social Integration, Daily Social Interaction, and Health Risk Pathways in Midlife
Pls: Scott Beach, SRP, UCSUR
Janet Schlarb, SRP, UCSUR
Thomas Kamarck, Psychology
Funder: National Institutes of Health
Period: 04/14-03/20
Telephone recruitment of 400 healthy adults to participate in a study about social interactions, stress, and health.

Targeted Interventions to Prevent Chronic Lower Back Pain (TARGET Trial)
Pls: Scott Beach, SRP, UCSUR
Janet Schlarb, SRP, UCSUR
Anthony Delitto, School of Health and Rehabilitation Sciences
Funder: Patient-Centered Outcomes Research Institute
Period: 07/15-09/20
Surveys (web and phone) of 12,000 patients (across 5 sites) at 6 and 12 months after an initial doctor’s visit for lower back pain.

Technology Assisted Collaborative Care Intervention
Pls: Scott Beach, SRP, UCSUR
Janet Schlarb, SRP, UCSUR
Manisha Jhamb, Medicine
Funder: National Institutes of Health
Period: 07/17-06/22
Telephone and IVR interviews with 150 hemodialysis patients in Pittsburgh and New Mexico to examine the effect of a 12-week stepped care intervention on changes in depression, pain, fatigue, and health-related quality of life.

Undergraduate Student Satisfaction and Retention Study
Pls: Scott Beach, SRP, UCSUR
Donald Musa, SRP, UCSUR
Jospeh McCarthy, Office of the Provost
Funder: Office of the Provost
Period: 09/97-present
Telephone interviews and web-based surveys of University of Pittsburgh undergraduate students (n=1800+ per year) and withdrawing students (n=600+ per year) to determine factors related to student satisfaction and retention.

Pittsburgh Caregiver Survey
Pls: Scott Beach, SRP, UCSUR
Richard Schulz, Gerontology, UCSUR
Janet Schlarb, SRP, UCSUR
Everette James, Health Policy Institute
Funders: Pittsburgh Foundation; Stern Center for Evidence Based Policy
Period: 08/16-12/18
Telephone interviews with 1000 local informal caregivers and 200 care recipients to assess the state of caregiving in the region.
Understanding Factors Influencing Financial Exploitation among Diverse Samples of Older Adults
PIs: Scott Beach, SRP, UCSUR
Richard Schulz, Gerontology, UCSUR
Sara Czaja, Weill Cornell Medical College
David Loewenstein, University of Miami
Funder: National Institutes of Health
Period: 04/17-03/22
The aims of this project are to:
examine the impact of financial scam susceptibility on incidence of financial exploitation (FE); examine the impact of socio-demographic factors and social integration/isolation on scam susceptibility and FE; examine the impact of general cognitive abilities and financial skills/advice and support on scam susceptibility and FE, and as mediators of relationships between socio-demographic factors, social integration/isolation, scam susceptibility and FE; and examine the impact of psychosocial factors on scam susceptibility and FE.

Wheelchair Registry
PIs: Scott Beach, SRP, UCSUR
Robert Keene, SRP, UCSUR
Rory Cooper, Human Engineering Research Laboratories
Funder: Human Engineering Research Laboratories
Period: 01/14-present
Development of a system to help the Human Engineering Research Laboratories at the University of Pittsburgh efficiently and securely register and track participants in a wheelchair registry for research participation. The system involves a custom database working in conjunction with an online survey instrument for data collection and maintenance.

Developing Leaducated: A Web-based, Citizen Science Approach to Detecting Lead Water Lines
PI: Michael Blackhurst, URA, UCSUR
Funder: Heinz Endowments
Period: 01/18-12/18
This project develops, tests, and deploys a smart-phone app that allows users to determine the material of their drinking water service line.

Predicting Lead Water Service Lines in the Pittsburgh Water and Sewer Authority Service Area
PI: Michael Blackhurst, URA, UCSUR
Funder: Pittsburgh Water and Sewer Authority
Period: 04/19-12/19
The Pittsburgh Water and Sewer Authority (PWSA) is currently required to replace lead water service lines to comply with state and federal drinking water regulations. The goal of this project is to develop a predictive model of service line materials for each PWSA customer and apply that model to improve PWSA programming, including lead service line detection, replacements, and inventory estimates.

Older Workers in the Southwestern Pennsylvania Workforce
PI: Christopher Briem, URA, UCSUR
Funder: Southwestern Pennsylvania Partnership for Aging
Period: 06/19-10/19
Compilation of recent trends and future projections of the role of older workers in the labor force in the 10-county area of Southwestern Pennsylvania.

A Comprehensive Assessment of Pennsylvania Military Installations and Impacts
PI: Sabina Deitrick, URA, UCSUR
Funder: Pennsylvania Military Community Enhancement Commission
Period: 01/17-07/18
Economic impact analysis of 12 individual military installations and collective impact in Pennsylvania, and a Strengths, Weakness, Opportunity, and Threats analysis of each installation.

Evaluation of Rent Reform Policy and Family Self-Sufficiency Program and Alternative Small Area Fair Market Rent Program
PIs: Sabina Deitrick, URA, UCSUR
Michael Blackhurst, URA, UCSUR
Funder: Housing Authority of the City of Pittsburgh
Period: 08/17-08/18
Evaluations of participation in the Family Self-Sufficiency program related to increased minimum monthly rent and rental income revenue; analysis of Small Area Fair Market Rent program through creation of a rental price-gradient map of the City of Pittsburgh and rental price map.
PROJECTS*

Western Pennsylvania Regional Data Center
PI: Robert Gradeck, URA, UCSUR
Funders: R.K. Mellon Foundation; University of Pittsburgh
Period: ongoing
   The Data Center supports key community initiatives by making public information easier to find and use. The Data Center is managed by UCSUR, and is in partnership with Allegheny County and the City of Pittsburgh.

Co-occurring Intimate Partner Violence and Substance Use: Understanding Barriers to Collocated Integrated Services
PIs: David Halpern, QDAP, UCSUR
Chelsea Pallatino, School of Medicine
Funder: Steven D. Manners Faculty Development Award
Period: 05/19-07/19
   Transcription of interviews with pregnant and postpartum women with co-occurring intimate partner violence (IPV) and opioid use disorder (OUD), and stakeholders interfacing with women with co-occurring OUD and IPV.

Novel Approach to Enhance Ostomy Care in Patients with Bladder and Colorectal Cancer
PIs: David Halpern, QDAP, UCSUR
Holden Kata, Icahn School of Medicine at Mount Sinai
Nihal Mohamed, Icahn School of Medicine at Mount Sinai
Funder: National Institutes of Health
Period: 08/18
   Transcription of phone interviews with bladder and colorectal cancer patients with new ostomies regarding a Web-based ostomy education program.

Pain Management Strategies for Knee Osteoarthritis: Use, Intention to Use, and Differences in Pain and Arthritis Pain Self-Efficacy
PIs: David Halpern, QDAP, UCSUR
Xiaojun Shi, School of Nursing
Funder: Mrs. Margaret Wilkes & Mr. James Wilkes 2018 Scholarship
Period: 05/19-present
   Transcription of interviews with older adults with knee OA and hypertension about their pain management strategies, and the effect of new pain management strategies on changes in pain and arthritis pain self-efficacy.

Resident Leadership and Local Capacity Building: Volunteerism in Disadvantaged Communities
PIs: David Halpern, QDAP, UCSUR
Emily Zimmerman, Virginia Commonwealth University
Funder: Corporation for National and Community Service
Period: 01/19-07/19
   Transcription of interviews with neighborhood-based and regional volunteers in economically disadvantaged communities, exploring their synergy, collaboration, and best practices.

Seven Smaller Short-Term Transcription and Consulting Projects with a Variety of Investigators and Funders
PIs: David Halpern, QDAP, UCSUR
Kevan Schultz, QDAP, UCSUR
Funders: Multiple
Period: 07/18-06/19
   Seven smaller, short-term transcription and consulting projects with a variety of investigators and funders.

The Symptom Experience, Management and Outcomes According to Race and Social Determinants of Health (SEMOARS) During Breast Cancer Chemotherapy
PIs: David Halpern, QDAP, UCSUR
Margaret Rosenzweig, School of Nursing
Funder: National Institute on Minority Health and Health Disparities
Period: 06/19-present
   Transcription of interviews exploring the breast cancer symptom experience among black and white women.

Transcription Projects for University of Pittsburgh School of Nursing
PIs: David Halpern, QDAP, UCSUR
Jill Radtke Demirci, School of Nursing
Melissa Glasser, School of Nursing
Funders: National Institutes of Health; Departmental Funds
Period: 06/17-03/19
   Transcription for three projects addressing various aspects of mothers’ recent breastfeeding experiences.

Regional Indicators Project: PittsburghToday.org
PI: Douglas Heuck, URA, UCSUR
Funders: Hillman Foundation; Anonymous; Richard King Mellon Foundation; Claude Worthington Benedum Foundation
Period: ongoing
   The Regional Indicators Project: PittsburghToday.org is an in-depth journalism and regional indicators program that compares Greater Pittsburgh with 14 other regions on hundreds of measures. Since its inception, hundreds of reports have been published on key regional quality of life issues.
Self-management via Health Kiosk by Community-residing Older Adults
PIs: Judith Matthews, Gerontology, UCSUR
Scott Beach, SRP, UCSUR
Daniel Buysse, Psychiatry
Karen Courtney, University of Victoria
Sandra Engberg, Nursing
Jennifer Hagerty Lingler, Nursing
Kathleen McTigue, Internal Medicine
Richard Schulz, Gerontology, UCSUR
Marjorie Skubic, University of Missouri
Asim Smailagic, Carnegie Mellon University
Jessie Van Swearingen, Physical Therapy
Funder: Agency for Healthcare Research and Quality
Period: 09/14-09/20

This project will study older adults’ views, motivations, and patterns of use of an adaptive, community-based, multi-user health kiosk over 18 months of study participation. The goal is to understand how and why older adults use a health kiosk to live a healthier lifestyle and monitor and manage selected chronic conditions.

Civic Switchboard
PIs: Elizabeth Monk, URA, UCSUR
Aaron Brenner, University Library System
Funder: Institute of Museum and Library Services
Period: 10/17-12/19

Civic Switchboard aims to develop the capacity of academic and public libraries in civic data ecosystems. This project encourages partnerships between libraries and local data intermediaries, which will better serve data users, further democratize data, and support equitable access to information. The project will create a toolkit for libraries interested in expanding (or beginning) their role around civic information. Civic Switchboard is a partnership of UCSUR, the University Library System at the University of Pittsburgh, and the Carnegie Library of Pittsburgh.

Comprehensive Primary Care Plus
PIs: Donald Musa, SRP, UCSUR
David Halpern, QDAP, UCSUR
Kevan Schultz, QDAP, UCSUR
Deborah Peikes, Mathematica Policy Research, Inc.
Funder: Centers for Medicare & Medicaid Services
Period: 03/15-present

Transcription of interviews with multiple stakeholders regarding the implementation of CMS’s CPC Classic and CPC+ programs.

From Periphery to Center: Transitioning Public Art Practices in Contemporary Mexico
PIs: Donald Musa, SRP, UCSUR
Kevan Schultz, QDAP, UCSUR
Caitlin Bruce, Communication
Funder: UCIS - Hewlett International Grant
Period: 07/15-08/19

Spanish transcription of interviews that explore how a city-sponsored graffiti program in León Guanajuato, Mexico impacts graffiti artists’ civic status.

2019 Graduate Research Practicum (GRP) Portfolio Analysis
PIs: Kevan Schultz, QDAP, UCSUR
Marzia Cozzolino, Katz Graduate School of Business
Funder: Katz International Business Center
Period: 05/19-present

Qualitative methods consultation and coding of Katz Graduate School of Business students’ journals based on their Global Research Practicums.

Caregiver Perception of High-Quality Care in the Medical Home for Children with Medical Complexity
PIs: Kevan Schultz, QDAP, UCSUR
Justin Yu, General Internal Medicine
Funder: HRSA Career Development Award
Period: 06/19-present

Transcription and coding of interviews with the parental caregivers of Children with Medical Complexity to identify the features of a CMC medical home that provide a high-quality experience.

From Barely Making It To...? Effects of Raising Wages Among Low-Wage Workers
PIs: Kevan Schultz, QDAP, UCSUR
Ray Engel, School of Social Work
Funder: National Institute of Mental Health
Period: 02/17-07/19

Transcription of interviews with low-wage earners at Allegheny Health Network that explore ways in which unionization and increased wages have made a difference.

Natural Product-Drug Interaction User Studies
PIs: Kevan Schultz, QDAP, UCSUR
Rich Boyce, Biomedical Informatics
Funder: National Institutes of Health
Period: 11/17-12/18

Transcription of interviews with users of a web site that will provide evidence-based information regarding purported pharmacokinetic natural product-drug interactions (PK-NPDI).

Sexual Function in Older Women: Identifying Treatment and Outcome Preferences
PIs: Kevan Schultz, QDAP, UCSUR
Holly Thomas, UPMC, Division of General Internal Medicine
Funder: National Institute on Aging
Period: 12/17-09/18

Transcription of interviews and focus groups with women 50 and older to understand their sexual function, and what sort of treatments they would prefer for sexual problems.
Projects*

The Intersection of LGBT Identity and Bipolar Disorder in Adolescence: Understanding Psychological Experiences, Treatment Course, and Risk for Suicide
PIs: Kevan Schultz, QDAP, UCSUR
Sophia Choukas-Bradley, Psychology
Funder: National Institutes of Health
Period: 02/19-09/19
Transcription and coding of interviews with LGBT youth with bipolar disorder to examine the intersection of bipolar symptomatology, suicidal events, and LGBT identity and stressors, in the context of an ongoing treatment outcome study.

The Role of Higher Education Programs to the Future of the Wastewater Industry
PIs: Kevan Schultz, QDAP, UCSUR
Kimberly Wahl, Baker College
Funder: Self-funded
Period: 05/18-10/18
Transcription and coding of interviews with undergraduate students to examine the role of higher education programs in the future of the wastewater industry.

A Non-Pharmacological Intervention for Patients with Alzheimer’s Disease And Family Caregivers
PIs: Richard Schulz, Gerontology, UCSUR
Sara Czaia, Weill Cornell Medical College
Funder: National Institute on Aging
Period: 09/16-04/21
The study will develop and test the efficacy and feasibility of a dyadic-based intervention program (DT), delivered through state-of-the-art computer tablet technology. A novel feature of the investigation is its focus on both the caregiver and the recipient of care (person with AD) and the integration of an evidenced-based caregiver intervention and evidenced-based cognitive/functional training for the care recipient.

A Randomized Pilot Study of Behavioral Self-monitoring to Promote Mental Health Among Spousally Bereaved Older Adults
Co-Mentor: Richard Schulz, Gerontology, UCSUR
P: Sarah Stahl, Psychiatry
Funder: National Institutes of Health
Period: 02/15-01/19
The purpose of this research is to gather evidence for the feasibility of a behavioral intervention to prevent the onset or delay the progression of depression, anxiety, and/or complicated grief disorder(s) in adults who experience late-life spousal bereavement.

A Tailored Technology Intervention for Diverse Family Caregivers of AD Patients
PIs: Richard Schulz, Gerontology, UCSUR
Judith Matthews, Gerontology, UCSUR
Sara Czaia, Weill Cornell Medical College
Funder: National Institute of Nursing Research
Period: 04/13-03/19
This investigation focuses 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.

Geriatrics Workforce Enhancement Program
PIs: Richard Schulz, Gerontology, UCSUR
Judith Matthews, Gerontology, UCSUR
Funder: Health Resources and Services Administration
Period: 07/15-06/20
The Geriatrics Workforce Enhancement Program (GWEP) is a consortium of the University of Pittsburgh, the VA Pittsburgh Healthcare System, Penn State University, and UPMC, with Pitt as the lead institution. Through this collaboration we are able to provide interprofessional training and access to resources for older adults and their families throughout HHS Region III.

Return of Amyloid Imaging Research Results in MCI
Pis: Richard Schulz, Gerontology, UCSUR
Jennifer Hagerty Lingler, Nursing
Funder: National Institute on Aging
Period: 06/14-05/19
The purpose of this study is to use a series of qualitative interviews and content analysis to identify the information and support needs of MCI care dyads who are offered amyloid imaging research results.

Competitiveness Research
P: Vijai Singh, Office of the Chancellor
Funders: Heinz Endowments, Consolidated Natural Gas
Period: ongoing
Projects include analysis of factors which promote regional competitiveness of the biotech industry in Pittsburgh. Partner in a research network with Transatlantic Comparison of Continental Innovation Models. Project Director: Professor Ulrich Hilpert, University of Jena, Germany.
PUBLICATIONS 2018-2019

JOURNALS


**PUBLICATIONS 2018-2019**

**JOURNALS**


BOOKS / BOOK CHAPTERS / OTHER PUBLICATIONS


Regional Indicators Project, PittsburghTODAY. (Ongoing). Pittsburgh today & tomorrow: The facts and the future of our region. UCSUR, University of Pittsburgh. Follow us on Twitter: @PittCSUR
To learn more about UCSUR's survey research capabilities, programs, ongoing projects, and staff, visit our web site at: http://www.ucsur.pitt.edu

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