

University Center for Social and Urban Research



annual report
july 1, 2010–june 30, 2011

UCSUR

University Center for
Social and Urban Research

Annual Report

July 1, 2010–June 30, 2011

3343 Forbes Avenue
Pittsburgh, PA 15260

412-624-5442
Fax: 412-624-4810
E-mail: ucsur@pitt.edu
www.ucsur.pitt.edu

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Who We Are

University Center for Social and Urban Research

The University Center for Social and Urban Research (UCSUR) was established in 1972 to serve as a resource for researchers and educators interested in the basic and applied social and behavioral sciences. As a hub for interdisciplinary research and collaboration, UCSUR promotes a research agenda focused on the social, economic, and health issues most relevant to our society. UCSUR maintains a permanent research infrastructure available to faculty and the community with the capacity to: (1) Conduct all types of survey research, including complex web surveys; (2) Carry out regional econometric modeling; (3) Analyze qualitative data using state-of-the-art computer methods; (4) Obtain, format, and analyze spatial data; (5) Acquire, manage, and analyze large secondary and administrative data

sets including Census data; (6) Design and carry out descriptive, evaluation, and intervention studies; and (7) Provide information technology services for the collection, management, and analysis of sensitive research data to assure the highest levels of security and privacy.

The long-term goals of UCSUR fall into three broad domains:

- (1) Provide state-of-the-art research and support services for investigators interested in interdisciplinary research in the behavioral, social, and clinical sciences;
- (2) Develop nationally recognized research programs within the center in a few selected areas;
- (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

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

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

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

The center continues to aggressively pursue other opportunities to enhance its research infrastructure, broaden the range of support services available to faculty and the community, expand the participation of faculty and graduate students in center research programs, and strengthen University-community collaborations. The center serves as the interdisciplinary crossroads for schools throughout the University and has become a major resource in mentoring and supporting the research careers of junior faculty and postdoctoral students. Eighty research projects involving most of the schools of the University were carried out, and several dozen undergraduate students, graduate students, postdoctoral fellows, and junior faculty were mentored by center staff. Finally, the center had an impressive record of academic achievement with more than 45 peer reviewed journal publications, and 10 invited book chapters.

I am particularly proud of the academic productivity of the center, which puts it on par with some of the larger departments on campus. This is a remarkable achievement when you consider that this represents the work of a core center staff comprised of a few part-time faculty members and three PhD level staff.

What We Do: Center Resources

Survey Research Services and Capabilities

UCSUR provides survey research services through the Survey Research Program (SRP). SRP maintains a highly experienced staff of survey professionals, trained interviewers, and data management specialists. SRP services are available to faculty, staff, and students throughout the University and to local, state, and federal agencies and others working in the public interest.

SRP is able to carry out any or all phases of a survey research project, including sample design, questionnaire design, data collection, data processing, statistical analysis, and reporting. SRP staff have the training and experience to design scientifically valid studies customized to client research needs. SRP can help clarify study objectives and provide advice on how to obtain the highest quality data within available resource constraints. More specifically, SRP provides assistance in the following areas:

Sample Design

SRP staff provide advice on sampling methodology and sample size to meet study objectives and budget. Services include in-house development of specialized sample frames, or consultation with commercial sampling firms to obtain an appropriate sample. Examples of the types of samples provided include:

- Random digit dialing (RDD) samples: particularly suited for telephone surveys of the general population, computer-generated telephone numbers are used to target specific geographic areas, including both listed and unlisted phone numbers. RDD sampling for any region of the United States is available.

- Targeted/listed samples: samples to reach specific subgroups or rare populations. These are useful for telephone recruitment of participants for larger studies. They are also used for supplementing RDD samples with oversamples of rare populations.

Data Collection Methodology

SRP staff can provide:

- Advice on the most productive and cost-effective method of data collection (mail, telephone, in-person, or internet/Web-based), and the effective use of technology for surveys.
- Specification of procedures for maximizing response rates within the framework of available resources. For example recommended number of attempts to contact respondents, securing initial cooperation, following-up incomplete interviews, converting refusals into acceptances, and use of mixed-mode designs.

Questionnaire Development

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

- Writing, formatting, and ordering questions
- Asking sensitive questions
- Instrument pre-testing

Interviewing and Data Collection

SRP conducts local, regional, and national telephone and mail surveys with both general and special populations, as well as in-person surveys in the Southwestern Pennsylvania region. SRP also conducts internet/Web-based surveys.

SRP relies on a pool of experienced interviewers for telephone and in-person surveys. These include both undergraduate and graduate students, as well as



non-students under the management of senior field work supervisors.

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

Computer-assisted telephone interviewing (CATI): A 45 line phone bank at UCSUR is dedicated to a computer-assisted telephone interviewing (CATI) system. Interviewers read questions as they appear on the screen and enter the respondents' answers directly into the computer. CATI allows complex question contingencies, sample management, and call scheduling to be handled automatically.

RDD cell phone surveys: UCSUR has experience conducting random digit dialing (RDD) cell phone surveys in order to supplement traditional landline RDD telephone surveys. This methodology insures inclusion of cell-phone only households, estimated at 25 percent of the U.S. population (and growing). Cell-phone only households are typically younger, more likely to be employed, and more ethnically diverse, and their exclusion can result in significant biases in landline only surveys.

What We Do: Center Resources, continued

Computer-assisted personal interviewing (CAPI): With this type of interview an interviewer, using a laptop computer, reads questions to the respondent and then enters the answers directly into a database on the laptop computer. CAPI is programmed similar to Computer-Assisted Telephone Interviewing (CATI), and provides the same advantages (automated skips, randomized experiments, etc.).

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

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

Web-based data collection: SRP has the capability to conduct Web-based surveys and other online data collection and management. UCSUR operates secure servers that host such activities.

Additional data collection services: Telephone surveys using paper/pencil methodology, mail surveys, and in-person surveys in the Southwestern Pennsylvania region, are also available.

Surveys of special and hard-to-reach populations: UCSUR has conducted

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

Data Management

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

Statistical Analysis of Survey Data

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

- Descriptive statistical analyses of survey responses, including calculations of sampling error, and statistical adjustments for unequal selection probabilities and non-response.
- Cross-classification analyses with 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 report
- Oral presentation of results to interested parties

Urban and Regional Economic Analysis

UCSUR's Urban and Regional Analysis Program (URA) analyzes major economic and demographic trends in the Pittsburgh region in national and international contexts. URA brings together faculty, research staff, and graduate students to examine important urban and regional issues, with the results disseminated widely to state and regional policymakers, local officials, and community and economic development organizations. URA also partners with other researchers and organizations across the globe to advance urban and regional knowledge. URA's research extends from regional development to community change

and examines their consequences for regional restructuring, equity implications, and policy analysis. In addition to the performance of the regional economy, specific strategic economic sectors are examined through in-depth studies and their implications for workforce development and job creation. The program also fosters the development of new methods of data collection and analysis. URA research is published in scholarly journals and technical reports and has been an important element of UCSUR's commitment to providing regional economic development analysis to both the academic community and the Pittsburgh region. For the latest urban and regional developments, visit The Pittsburgh Urban Blog (The PUB) at www.ucsur.pitt.edu/thepub.php.

The Pittsburgh Regional Economic Model

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

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

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

Support of the Southwestern Planning Commission (SPC)

UCSUR continues to support the Southwestern Planning Commission (SPC) in developing its forecast of regional population and employment for the region. This is a primary function of the REMI model, which is essential to this project because of its extensive demographic modeling capability. UCSUR staff provide both technical and research consulting to SPC to aid its use of the REMI model and in producing as accurate a forecast as is possible for the region. The SPC needs these baseline forecasts and the REMI model in order to evaluate a range of transportation projects for the region and decide on funding priorities. The SPC is also required by federal mandate to provide 30-year projections of population and employment to the Department of Transportation as part of their planning process.

Pittsburgh Economic Quarterly

UCSUR publishes the *Pittsburgh Economic Quarterly (PEQ)* to support organizations and staff involved with economic development throughout the region. *PEQ* highlights the important economic and demographic trends that impact the regional economy and the competitiveness of local industries. *PEQ* is an extension of the continuing work done at UCSUR. Each issue includes the



latest data on regional employment and economic conditions. Feature articles cover a variety of issues relating to the regional economy and how it is changing, along with analyses of other economic and social factors that directly impact the future of the region. Significant positive response to *PEQ* has resulted and has filled a major need in the region for ongoing study of current economic trends. Recent issues of *PEQ* addressed these key topics:

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

What We Do: Center Resources, continued

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

Pittsburgh Neighborhood and Community Information System (PNCIS)

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

Pittsburgh Indicators Project (Pittsburgh TODAY)

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

Gerontology Services

Gerontology Research Registry

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

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

Graduate Certificate in Gerontology

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

Qualitative Data Analysis

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

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

Value-Added Coding

Accurate and reliable coding using computers is central to the qualitative analysis process. For new and experienced researchers, learning advanced project management skills or even software basics adds hours of struggle in trial-and-error sessions. QDAP offers a rigorous approach to analyzing text and managing projects. Our experienced coders can deliver the data you need in a timely and expert manner, without the struggle.

QDAP can code text from a wide variety of sources. Original material for analysis might include in-depth interviews, open-ended survey answers, field notes, transcripts from focus groups or web logs (blogs), e-mails, Web site content, results from database searches (such as LexisNexis™), congressional testimony or other historical texts, and a host of other unstructured but digitized text data sets. We work with your research team to craft a plan with a tailored methodology designed to code the text for key concepts and relationships. This allows you to

focus on the larger analytical questions while we quickly and reliably extract the data that you tell us you need to reach valid inferences.

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

Services Provided

- Study design, management, and coordination
- Interviewer training and management
- Participant recruitment
- Data collection including focus group facilitation and in-depth interviewing
- Audio transcription
- Data preparation, cleaning, and management
- Codebook development and testing
- Coding and online coding adjudication
- Rater reliability and validity reporting
- Results analysis and expression
- Software training for qualitative data analysis software (ATLAS.ti; Coding Analysis Toolkit)

Geographical Information Systems and Visual Analytics Program

Geographic Information Services

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

Visual Analytics

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



Sample analytic map showing where impoverished students reside.

What We Do: Center Resources, continued

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

Technology Services

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

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

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

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

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

Specializing in Data Management, Security, and Privacy

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

Applications

- Custom survey systems.
- Interactive Voice Response (IVR) applications, particularly useful for momentary assessment studies.

- Mobile apps, also very useful for momentary assessments.
- Secure Data Exchange Portals (SDEP) for transferring sample and result data.

Development Expertise

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

Acquisition and Management of Secondary Data

UCSUR provides assistance for secondary data acquisition and management to the academic community and to the Pittsburgh region as a whole. As an affiliate of the Pennsylvania State Data Center, the official source of demographic and economic data for the state, UCSUR is a repository for electronic and printed Census information, including Census 2000 data. UCSUR also acquires and maintains a variety of government statistics, economic and labor market data, and other types of secondary information on a regular basis. This information is available to the academic community and to the general public.

The data acquisition and management services UCSUR provides include:

- Development of evaluation designs, including process and outcome evaluations
- Assistance with program design, focusing on connecting program activities to expected outcomes (program logic models)
- Needs assessments
- Selection of appropriate outcomes and measurement methods

- Identification of assessment instruments
- Development of surveys for program evaluation
- Data analysis consultation and research design
- Referral to evaluation consultants with expertise in specific content areas

Program Evaluation Services

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

UCSUR's interdisciplinary staff have evaluation experience in a wide range of content areas, including social service programs, behavioral and mental health services, public health programs, and

educational services. UCSUR has conducted evaluations on family support, home visiting, after school and youth development, conflict resolution, developmental disabilities, maternal and child health, fatherhood, and parent education programs, among many others.

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

Specific evaluation services offered include:

- Development of evaluation designs, including process and outcome evaluations
- Assistance with program design, focusing on connecting program activities to expected outcomes (program logic models)
- Needs assessments
- Selection of appropriate outcomes and measurement methods
- Identification of assessment instruments

- Development of surveys for program evaluation
- Data analysis consultation and research design
- Referral to evaluation consultants with expertise in specific content areas

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)

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:

Geographical Information Systems and Visual Analytics Program

Program Director
Ken Sochats

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

Gerontology

Program Director
Richard Schulz

Associate Program Director
Judith Matthews

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

Qualitative Data Analysis Program (QDAP)

Program Director
Donald Musa

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

Survey Research Program (SRP)

Program Director
Scott Beach

Maintains a highly experienced staff of survey professionals, trained interviewers, and data management specialists. Services are available to faculty, staff, and students throughout the University and to local, state, and federal agencies and others working in the public interest. Offers the capability to execute any or all phases of a survey research project, including sample design, questionnaire construction, data collection, data processing, statistical analysis, and reporting.

Urban and Regional Analysis (URA)

Program Director
Sabina Deitrick

Associate Program Director
Ralph L. Bangs

Promotes scholarly analysis of urban and regional issues through multidisciplinary research, which is local, national, and international in character. Furthers our understanding of the causes and consequences of regional economic development and social change, enhances the analytic basis for public policy decisions, and aids in the evaluation of policy alternatives.



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

Faculty Development Awards



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.

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.

Board of Visitors

Mr. Michael A. Bryson

Chair, UCSUR's Board of Visitors
Trustee, University of Pittsburgh
Pittsburgh, PA

Anderson Dodd Smith, PhD

Georgia Institute of Technology
Atlanta, GA

Mr. Earl F. Hord

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University of Pittsburgh
Pittsburgh, PA

Core Staff

Administration

Director

Richard Schulz

Associate Director

Scott Beach

Business Manager

Greg Six

Administrators

Anna Aivaliotis, Donna M. King

Administrative Assistant

Philip Crain

Systems Administrator

James Lefcakis

Systems Support

Eric Wolfe

Survey Research

Program Director

Scott R. Beach

Research Associate

Donald Musa

Senior Research Specialists

Janet Schlarb, Stephen Strotmeyer

Web Development/Data Analysts

Robert Keene

Senior Fieldwork Supervisor

Lynda Connelly

Fieldwork Supervisors

Olivia Kirsch, Patricia Lietz,
Olivia Wilson

Fieldwork Supervisors/Research Specialists

Amber Barton, Carrie Rodzwicz

Research Specialists

Brian Alley, Christine Byerly

Urban and Regional Analysis

Program Director

Sabina Deitrick**

Associate Program Director

Ralph Bangs**

Regional Economist

Christopher Briem

Research Specialist

Robert Gradek

SWPA Indicators Project Director

Douglas Heuck

SWPA Indicators Research Manager

Milana Nick

Gerontology

Program Director

Richard Schulz

Associate Program Director

Judith Matthews

Associate Program Director, Geriatric Education Center

John Hennon

Project Coordinators/Assistants

Sarah Aerni, Amber Barton, Jennifer
Bissell, Julie Klinger

Interviewer/Interventionist

Sally Hostein

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

Journal Editor/Emeritus Director

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

Projects*

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

Principal

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

Funder: National Institutes of Health

Period: 09/10-08/14

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

Allegheny County Random Digit Dialing Cell Phone Pilot Survey

Principal

Investigator: Scott Beach, *SRP, UCSUR*

Funder: UCSUR

Period: 03/10-10/10

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

A Multi-Institutional Study of Hematopoietic Stem Cell Donor Safety

Principal

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

Funder: National Institutes of Health

Period: 12/08-11/13

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

Assessing Instructional Content and Interaction at Scale

Principal

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

Funder: National Institutes of Health

Period: 06/08-05/12

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

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

Principal

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

Funder: National Institutes of Health

Period: 05/10-04/14

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

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

Principal

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

Funder: National Science Foundation

Period: 08/10-07/14

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

Ethnicity and Culture in Unrelated Stem Cell Donation

Principal

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

Funder: National Institutes of Health

Period: 04/06-03/11

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

Factors Contributing to Oral Health Disparities in Appalachia

Principal

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

Funder: National Institutes of Health

Period: 04/11-03/15

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

*In alphabetical order by UCSUR principal investigator

Frequent Hemodialysis Network Quality of Life Core

Principal

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

Funder: National Institutes of Health

Period: 09/04-8/10

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

Healthy Futures

Principal

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

Funder: National Institutes of Health

Period: 05/08-04/11

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

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

Principal

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

Funder: National Institute of Health

Period: 07/07-05/12

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

Interpersonal Functioning and Emotion in Borderline Personality

Principal

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

Funder: National Institutes of Health

Period: 07/07-06/12

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

IVR Falls Intervention

Principal

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

Funder: Centers for Disease Control

Period: 10/10-07/12

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

Phase Shift Tolerance in the Elderly

Principal

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

Funder: National Institute on Aging

Period: 04/07-03/11

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

Pittsburgh Public Schools' Excellence for All

Principal

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

Funder: Fund for Excellence (consortium of Pittsburgh foundations)

Period: 03/08-present

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

Psychological Stress Exposure: Real-time and Structured Interview Technologies

Principal

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

Funder: National Institutes of Health

Period: 08/07-04/11

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

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

Principal

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

Funder: National Institute of Nursing Research

Period: 12/10-06/11

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

Projects, continued

Sanctuary Model Implementation Evaluation Survey

Principal

Investigators: Scott Beach, SRP, UCSUR
Brad Stein, Community Care Behavioral Health

Funders: Andrus Foundation
Pennsylvania Department of Public Works

Period: 07/08-12/10

Conduct annual Web-based and paper surveys of 2000 staff of youth and family service agencies to assess experiences and perceptions of newly implemented Sanctuary Model at their agency.

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

Principal

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

Funder: National Institutes of Health

Period: 04/11-03/13

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.

Undergraduate Student Satisfaction and Retention Study

Principal

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

Funder: University of Pittsburgh Office of the Provost

Period: 09/05-present

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

Understanding Race and Culture in Living Donor Kidney Transplantation

Principal

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

Funder: National Institutes of Health

Period: 09/09-08/14

Telephone interviews with 1,200 kidney transplant candidates focusing on attitudes, knowledge, and family factors in transplant decision-making.

Understanding Race and Culture in Living Donor Kidney Transplantation Among Veterans

Principal

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

Funder: Pittsburgh VA Healthcare System

Period: 04/10-07/12

Telephone interviews with 600 veteran kidney transplant candidates focusing on attitudes, knowledge, and family factors in transplant decision-making

University of Pittsburgh Off-campus Living Survey

Principal

Investigators: Scott Beach, SRP, UCSUR
Deborah Bon, University of Pittsburgh
Julie Gismondi, University of Pittsburgh

Funder: University of Pittsburgh

Period: 04/07-present

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

Veterans Impact of Chronic Pruritus

Principal

Investigators: Scott Beach, SRP, UCSUR
Suephy Chen, Atlanta VA

Funder: Atlanta VA Healthcare System

Period: 04/10-03/11

Conduct telephone surveys of 2,000 veterans across the United States to assess the prevalence and impact of chronic pruritus.

Western Pennsylvania Manufacturing Industry Study

Principal

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

Funder: University of Pittsburgh Katz Graduate School of Business-Institute for Entrepreneurial Excellence

Period: ongoing

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

Estimating the Supply and Demand of Affordable Housing in Allegheny County

Principal

Investigator: Sabina Deitrick, URA, UCSUR

Funder: Housing Alliance of Pennsylvania

Period: 08/10-04/11

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

Impacts of Vanpooling in Pennsylvania and SWPA and Future Opportunities

Principal

Investigator: Sabina Deitrick, URA, UCSUR

Funder: Pennsylvania Department of Transportation

Period: 06/09-12/10

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

PA CleanWays

Principal

Investigator: Sabina Deitrick, URA, UCSUR

Funder: PA CleanWays

Period: ongoing

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

Pittsburgh Neighborhood and Community Information System

Principal

Investigator: Sabina Deitrick, URA, UCSUR

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.

Small Colleges and Universities and Their Economic and Community Impacts

Principal

Investigators: Sabina Deitrick, URA, UCSUR

William Lafe, Independent Consultant

Funder: McCune Foundation

Period: 10/09-09/11

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

Lawrenceville New and Former Resident Survey

Principal

Investigator: Robert Gradeck, URA, UCSUR

Funder: Urban Redevelopment Authority of Pittsburgh

Period: 02/11-12/11

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

Mt. Oliver and Hilltop Communities Data Collection

Principal

Investigator: Robert Gradeck, URA, UCSUR

Funder: Hilltop Alliance

Period: 08/10-12/10

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

Pittsburgh Public School Realignment

Principal

Investigator: Robert Gradeck, URA, UCSUR

Funder: Pittsburgh Public Schools

Period: 04/11-07/11

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

Projects, continued

Evaluation of a First-person Vision Technology

Principal

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

Funder: National Science Foundation

Period: 06/10-05/12

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

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

Usability of a Multi-user Health Kiosk

Principal

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

Funder: National Science Foundation

Period: 06/10-05/12

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

Virtual Coaching of Therapeutic Exercise for Knee Osteoarthritis

Principal

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

Funder: National Science Foundation

Period: 06/10-05/12

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

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

Principal

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

Funder: National Science Foundation

Period: 03/11-02/12

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

Patterns of Substance Use Among Aging HIV Positive and Negative MSM

Principal

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

Funder: National Institute on Drug Abuse

Period: 06/10-12/10

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

Research Experience for Undergraduates (REU) Program Evaluation

Principal

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

Funder: National Science Foundation

Period: 06/09-04/11

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

Workforce Turnover in the Behavioral Health Field

Principal

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

Funder: Community Care Behavioral Health

Period: 03/10-01/11

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

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

Principal

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

Funder: Ruth L. Kirschstein National Research Service Award

Period: 08/08-07/10

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

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

Principal

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

Funder: University of Pittsburgh School of Law

Period: 06/10-12/10

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

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

Principal

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

Funder: National Science Foundation

Period: 09/10-08/11

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

Beyond Formal Institutions: Legislative Member Organizations in a Comparative Perspective

Principal

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

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

Period: 06/10-04/11

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

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

Principal

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

Funder: American Academy of Family Physicians Foundation

Period: 04/11-present

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

Breast and Cervical Cancer Screening in Obese Women

Principal

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

Funder: National Cancer Institute

Period: 04/07-09/10

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

Breastfeeding in Late Preterm Infant: A Grounded Theory Study

Principal

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

Funder: National Institute of Nursing Research

Period: 02/11-present

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

Projects, continued

Communication and Decision Making for a Critically and Terminally Ill Elder

Principal

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

Funders: National Cancer Institute,
Greenwall Foundation

Period: 9/10-5/11

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

Development and Broadband Internet Access in East Africa

Principal

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

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

Period: 10/10-12/10

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

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

Principal

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

Funder: Department of Defense

Period: 03/09-07/10

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

HEALTH for Families

Principal

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

Funder: National Center on Minority Health and
Health Disparities

Period: 09/10-09/11

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

Implementation of a Global Studies Certificate

Principal

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

Funder: Research Development Funds

Period: 06/10-present

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

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

Principal

Investigators: Donald Musa, *QDAP, UCSUR*
David Halpern, *QDAP, UCSUR*
Kohhei Nakagawa, *UPMC*

Funder: UPMC Shadyside Hospital Competitive
Research Fund

Period: 05/11-09/11

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

Oxford e-Social Science

Principal

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

Funder: Economic and Social Research Council

Period: 07/10-10/11

Transcribed interviews with researchers across all disciplines regarding the use and impacts of using information and communication technology to conduct scholarly research, or "e-research".

PARIS Community Electronic Health Record

Principal

Investigators: Donald Musa, QDAP, UCSUR
David Halpern, QDAP, UCSUR
Andrew Burton-Jones, University of British Columbia

Funder: Social Science and Humanities Research Council of Canada

Period: 03/11-present

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

Partnerships for Families

Principal

Investigators: Donald Musa, QDAP, UCSUR
Lovie Jackson, Social Work

Funder: National Institute of Mental Health

Period: 08/10-09/10

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

Pittsburgh Regional Initiative for Diabetes Education (PRIDE)

Principal

Investigators: Donald Musa, QDAP, UCSUR
David Halpern, QDAP, UCSUR
Laurel Person Mecca, QDAP, UloviCSUR
Kevan Schultz, QDAP, UCSUR
Barbara Barnes, UPMC
Luke Ling, UPMC

Funder: U.S. Department of Defense

Period: 07/11-present

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

Preferences about Treatment of Chronic Pain and Sub-threshold Depression in Late-Life

Principal

Investigators: Donald Musa, QDAP, UCSUR
Laurel Person Mecca, QDAP, UCSUR
Jordan Karp, Psychiatry

Funders: Clinical and Translational Science Institute, RAND-University of Pittsburgh Health Institute

Period: 08/09-07/10

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

Preventing Postpartum Weight Retention Among Low-income, Black Women

Principal

Investigators: Donald Musa, QDAP, UCSUR
Kevan Schultz, QDAP, UCSUR
Sharon Herring, Temple University

Funder: National Institutes of Health

Period: 06/11-present

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

Psychological and Physical Health of Older African American Men

Principal

Investigators: Donald Musa, QDAP, UCSUR
David Halpern, QDAP, UCSUR
Besangie Sellars, Graduate School of Public Health

Funder: Center for Minority Health

Period: 07/10-12/10

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

Recruitment, Retention, and Experiences of Students of Color

Principal

Investigators: Donald Musa, QDAP, UCSUR
David Halpern, QDAP, UCSUR
Angela Locks, California State University-Long Beach

Funder: Research Development Funds

Period: 01/11-02/11

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

Research Center of Excellence in Minority Health Disparities

Principal

Investigators: Donald Musa, QDAP, UCSUR
Kevan Schultz, QDAP, UCSUR
Craig Fryer, University of Maryland, College Park

Funder: National Institutes of Health

Period: 03/10-03/11

Transcribed focus groups with African American youth ages 16-21, who are current or former cigarette smokers regarding their experiences with cigarette smoking and potential nicotine dependence.

Projects, continued

Research Center of Excellence in Minority Health Disparities at the University of Pittsburgh

Principal

Investigators: Donald Musa, QDAP, UCSUR
Stephen Thomas, *University of Maryland, College Park*

Funder: National Center on Minority Health and Health Disparities

Period: 04/09-08/10

Conduct analyses and provide consultation contributing to project goal of translating evidence-based research into community-based interventions designed to prevent disease and promote health in Pittsburgh's African American community.

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.

Skin Cancer in Hispanic Communities

Principal

Investigators: Donald Musa, QDAP, UCSUR
Kevan Schultz, QDAP, UCSUR
Elliot Coups, *University of Medicine and Dentistry of New Jersey*
Marsha Gordon, *University of Medicine and Dentistry of New Jersey*

Funder: National Cancer Institute

Period: 06/11-07/11

Transcribed English interviews and translated and transcribed Spanish language interviews with Hispanic adults about their beliefs and behaviors regarding protection from the sun and their perceptions of risk of contracting skin cancer as a result of sun exposure.

The Impacts of Enlargement and of Administrative and Political Reform on the Role and Management of the European Commission

Principal

Investigators: Donald Musa, QDAP, UCSUR
Kevan Schultz, QDAP, UCSUR
Carolyn Ban, *Graduate School of Public and International Affairs*

Funders: U.S. State Department,
Directorate-General for Education and Culture of the European Commission

Period: 02/09-06/11

Transcribed interviews with European Union (EU) staff at all levels regarding organizational culture and the arrival of entry level staff from the new EU member states.

The Internet and Social Worlds

Principal

Investigators: Donald Musa, QDAP, UCSUR
Kevan Schultz, QDAP, UCSUR
Bernie Hogan, *Oxford University*

Funder: Oxford Internet Institute

Period: 04/11-05/11

Transcribed interviews with adults regarding the structure of their Facebook social networks.

The Use of Mobile Technology in Caseworker Visits to Children in Federally Defined Foster Care

Principal

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

Funder: Pennsylvania Department of Public Welfare

Period: 06/11-09/11

Transcribed focus groups with social workers regarding mobile technology use while working in the field.

Veteran's Evidence-based Research, Dissemination and Implementation Center (VERDICT): Learning and Relationships in Primary Care Clinical Microsystems - Formerly Integration of Knowledge Management and Service Delivery in Primary Care

Principal

Investigators: Donald Musa, QDAP, UCSUR
David Halpern, QDAP, UCSUR
David Neathery, *South Texas Veterans Health Care System*
Michael Parchman, *South Texas Veterans Health Care System*

Funder: U.S. Department of Veterans Affairs

Period: 07/09-10/11

Transcribed interviews with staff at VA clinics in the South Texas area regarding staff working with one another in order to promote learning among VA employees and resolve conflicts.

Daily Individual and Marital Processes in Osteoarthritis

Principal

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

Funder: National Institute on Aging

Period: 09/07-08/12

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

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

Principal

Investigators: Richard Schulz, *Gerontology, UCSUR*
Karen Matthews, *Psychiatry*
Michael Scheier, *Carnegie Mellon University*

Funder: National Heart, Lung and Blood Institute

Period: 09/04-06/11

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

Geriatric Education Center of Pennsylvania (GEC/PA)

Principal

Investigator: Richard Schulz, *Gerontology, UCSUR*

Funder: Health Resources and Services
Administration

Period: 07/10-06/15

The GEC/PA is a consortium of the University of Pittsburgh, Penn State University, and UPMC, with Pitt as the lead institution. The GEC/PA will focus on training to enhance geriatric mental health expertise throughout the state.

Intervention to Facilitate Family Caregiver Adaptation to Nursing Home Transition

Principal

Investigators: Richard Schulz, *Gerontology, UCSUR*

Funder: National Institute of Nursing Research

Period: 07/07-05/12

Assess the effects of an intervention designed to enhance health and quality of life of caregivers and their placed relatives by focusing on caregivers who recently placed their relative in a long-term care facility.

Measuring Suffering in Persons with Alzheimer's Disease

Principal

Investigators: Richard Schulz, *Gerontology, UCSUR*

Funder: Alzheimer's Association

Period: 09/07-08/10

The purpose of this study is to show that patient suffering is a measurable and unique feature of the Alzheimer's Disease patient experience and that it independently contributes to caregiver health and well-being.

Mind-body Interactions in Neuro-oncology Family Caregivers

Principal

Investigators: Richard Schulz, *Gerontology, UCSUR*

Paula Sherwood, *Nursing*

Funder: National Cancer Institute

Period: 05/07-04/12

The purpose of this study is to explore psycho-behavioral and biologic interactions in neuro-oncology caregivers.

Quality of Life Technology Engineering Research Center (QoLT ERC)

Principal

Investigators: Richard Schulz, *Gerontology, UCSUR*

Takeo Kanade, *Carnegie Mellon University*

Funder: National Science Foundation

Period: 06/06-05/12

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

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

Principal

Investigators: Richard Schulz, *Gerontology, UCSUR*

Brooke Feeney, *Carnegie Mellon University*

Funder: National Institutes of Health

Period: 04/10-03/15

The purpose of this study is to identify specific social behaviors that are responsible for the effects of social relations on health and well-being in older adulthood. In particular, focus on social behaviors that occur within the closest relationships of older adults and involve the support of older adults' exploration, goal strivings, and continued self-growth.

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

Principal

Investigators: Richard Schulz, *Gerontology, UCSUR*

Charles F. Reynolds III, *Psychiatry*

Funder: National Institute of Mental Health

Period: 07/11-06/16

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

Competiveness Research

Principal

Investigator: Vijai Singh, *Office of the Chancellor*

Funders: Heinz Endowments,
Consolidated Natural Gas

Period: ongoing

Projects include analysis of factors which promote regional competitiveness of the biotech industry in Pittsburgh. Partner in a research network with Transatlantic Comparison of Continental Innovation Models. Project Director: Professor Ulrich Hilpert, University of Jena, Germany.

Publications 2010–11

Journals

- Barkin, J.L., Wisner, K.L., Bromberger, J.T., Beach, S.R., and Wisniewski, S.R.** (2010). Development of the Barkin Index of Maternal Functioning. *Journal of Women's Health, 19*, 2239-2246.
- Beach, S.R., Schulz, R., Castle, N.G., and Rosen, J.** (2010). Financial exploitation and psychological mistreatment among older adults: Differences between African Americans and Non-African Americans in a population-based survey. *The Gerontologist, 50*(6), 744-757. PMID: 20650947. PMCID: PMC3003550.
- Beach, S.R., Schulz, R., Degenholtz, H.B., Castle, N.G., Rosen, J., Fox, A.R., Meisel, A., & Morycz, R.K.** (2010). Using audio computer-assisted self-interviewing and interactive voice response to measure elder mistreatment in older adults: Feasibility and effects on prevalence estimates. *Journal of Official Statistics, 26*(3), 507-533. PMID: 21113391. PMCID: PMC 2990982.
- Brown, C., Conner, K.O., Carr Copeland, V., Grote, N., Beach, S., Battista, D., and Reynolds, C.F.** (2010). Depression stigma, race, and treatment seeking behavior and attitudes. *Journal of Community Psychology, 38*, 350-368.
- Campbell, G.B., & Matthews, J.T.** (2010). A systematic review of factors associated with falls during post-stroke rehabilitation. *Journal of Nursing Scholarship, 42*(4), 395-404.
- Castle, N., & Beach, S.** (in press). Elder abuse in assisted living. *Journal of Applied Gerontology*.
- Courtney, K.L., Lingler, J.H., Person Mecca, L., Garlock, L.A., Schulz, R., Dick, A.W., and Olshansky, E.** (2010). Initial impressions of community-dwelling older adults and case managers about community-based telehealth kiosks. *Research in Gerontological Nursing, 3*(4), 235-239. PMID: 20509594. PMCID: PMC2932811.
- Garand, L., Lingler, J.H., Deardorf, K., Reynolds, C.F. III, DeKosky, S.T., Schulz, R., and Dew, M.A.** (in press). Anticipatory grief in new family caregivers of persons with mild cognitive impairment and dementia. *Alzheimer Disease & Associated Disorders*.
- Garand, L., Matthews, J.T., Courtney, K.L., Davies, M., Lingler, J.H., Schlenk, E.A., Yang, K., Bender, C.M., and Burke, L.** (2010). Development and use of a tool to guide junior faculty in their progression toward promotion and tenure. *Journal of Professional Nursing, 26*(4), 207-213.
- Heckhausen, J., Wrosch, C., and Schulz, R.** (2010). A motivational theory of lifespan development. *Psychological Review, 117*(1), 32-60. PMID: 20063963. PMCID: PMC2820305.
- Hilyard, K.M., Freimuth, V.S., Musa, D., Kumar, S., and Quinn, S.C.** (2010) The vagaries of public support for government actions in case of a pandemic. *Health Affairs, 29*(12), 2294-2301.
- Joling, K.J., Smit, F., van Marwijk, H.W.J., van der Horst, H.E., Scheltens, P., Schulz, R., and van Hout, H.P.J.** (in press). Identifying target groups for the prevention of depression among caregivers of dementia patients. *International Psychogeriatrics*. PMID: 21880175.
- Karmarkar, A.M., DiCianno, B.E., Cooper, R., Collins, D.M., Matthews, J.T., Koontz, A., Teodorski, E.E., and Cooper, R.A.** (in press). Demographic profile of older adults using wheeled mobility devices. *Journal of Aging Research*.
- Kop, W.J., Stein, P.K., Tracy, R.P., Barzilay, J.I., Schulz, R., and Gottdiener, J.S.** (2010). Autonomic nervous system dysfunction and inflammation contribute to the increased cardiovascular mortality risk associated with depression. *Psychosomatic Medicine, 72*(7), 626-635. PMID: 20639389. PMCID: PMC 3059072.
- Kumar, S., Quinn, S.C., Kim, K.H., Musa, D., Hilyard, K.M., and Freimuth, V.S.** (in press). The social ecological model as a framework for determinants of 2009 H1N1 Influenza Vaccine uptake in the United States. *Health Education and Behavior*.
- Lee, C.C., Czaja, S.J., and Schulz, R.** (2010). The moderating influence of demographic characteristics, social support, and religious coping on the effectiveness of a multi-component psycho-social caregiver intervention in three racial/ethnic groups. *The Journals of Gerontology Series B: Psychological Sciences, 65B*(2), 185-194. PMID: 20056684. PMCID: PMC2821943.
- Martire, L.M., Schulz, R., Helgeson, V.S., Small, B.J., and Saghabi, E.** (2010). Review and meta-analysis of couple-oriented interventions for chronic illness. *Annals of Behavioral Medicine, 40*, 325-342. PMID: 20697859.
- Martire, L.M., Schulz, R., Reynolds III, C.F., Karp, J.F., Gildengers, A.G., and Whyte, E.M.** (2010). Treatment of late-life depression alleviates caregiver burden. *Journal of the American Geriatrics Society, 58*(1), 23-29. PMID: 19943833. PMCID: PMC2872092.
- Martire, L.M., Stephens, M.A., and Schulz, R.** (2011). Independence centrality as a moderator of the effects of spousal support on patient well-being and physical functioning. *Health Psychology, 30*(5), 651-655. PMID: 21534676.
- Matthews, J.T., Beach, S.R., Downs, J., Bruine de Bruin, W., Mecca, L.P., and Schulz, R.** (2010). Preferences and concerns for quality of life technology among older adults and persons with disabilities: National survey results. *Technology and Disability, 22*(1-2), 5-15.
- Monin, J., Feeney, B., and Schulz, R.** (in press). Attachment orientation and reactions to anxiety expression in close relationships. *Personal Relationships*.
- Monin, J.K., & Schulz, R.** (2010). The effects of suffering in chronically ill older adults on the health and well-being of family members involved in their care: The role of emotion-related processes. *GeroPsych, 23*(4), 207-213. PMID: 21731560. PMCID: PMC3124825.

- Monin, J.K., Schulz, R., Feeney, B.C., and Cook, T.B. (2010). Attachment insecurity and perceived partner suffering as predictors of personal distress. *Journal of Experimental Social Psychology*, 46, 1143-1147. PMID: 21057662. PMCID: PMC2968751.
- Monin, J.K., Schulz, R., Martire, L.M., Jennings, J.R., Lingler, J.H., and Greenberg, M.S. (2010). Spouses' cardiovascular reactivity to their partners' suffering. *The Journals of Gerontology Series B: Psychological Sciences*, 65B(2), 195-201. PMID: 20067977. PMCID: PMC2821945.
- Monk, T.H., Buysse, D.J., Billy, B.D., Fletcher, M.E., Kennedy, K.S., Schlarb, J.E., and Beach, S.R. (2011). Circadian type and bed-timing regularity in 654 retired seniors: Effects on subjective sleep measures. *Sleep*, 34, 235-239.
- Moore, M.W., Tompkins, C.A., and Dollaghan, C.A. (2010). Manipulating articulatory demands in nonword repetition: A "Late-8" nonword repetition task. *Clinical Linguistics & Phonetics*, 24(12), 997-1008.
- Morse, J.Q., Shaffer, D.R., Williamson, G.M., Dooley, W.K., and Schulz, R. (in press). Models of self and others and their relation to positive and negative caregiving responses. *Psychology and Aging*. PMID: 21604890.
- Narumoto, K., Merenstein, J. and Schultz, K. (in press). Outpatient precepting of international medical graduates in family medicine. *Family Medicine*.
- Newberry, A., Kuo, J., Donovan, H., Given, B., Given, C.W., Schulz, R., and Sherwood, P. (in press). Identifying Family Members who are Likely to Perceive Benefits from Providing Care to a Person with a Primary Malignant Brain Tumor. *Oncology Nursing Forum*.
- Newman, S. (Ed.) (2010). *Journal of Intergenerational Relationships*. 7(1, 2, 3). Oxford, UK: Routledge, Taylor & Francis Group, LLC.
- Newman, S. and Sanchez, M. (Eds.) (2010). *The Journal of Intergenerational Relationships*, 8 (1-4). Philadelphia, PA: Taylor & Francis Group, LLC.
- Newman, S. and Sanchez, M. (Eds.) (2011). *The Journal of Intergenerational Relationships*, 9 (1-3). Philadelphia, PA: Taylor & Francis Group, LLC.
- Newman, S. and Sanchez, M. (Eds.) (in press). *The Journal of Intergenerational Relationships*, 9 (4). Philadelphia, PA: Taylor & Francis Group, LLC.
- Quinn, S.C., Kumar, S., Freimuth, V.S., Musa, D., Casteneda-Angarita, N, and Kidwell, K. (2011). Racial disparities in exposure, susceptibility, and access to health care in the US H1N1 Influenza pandemic. *American Journal of Public Health*, 101(21), 285-293.
- Reynolds, C.F., Dew, M.A., Martire, L.M., Miller, M.D., Cyranowski, J.M., Lenze, E.J., Whyte, E.M., Mulsant, B.H., Pollock, B.G., Karp, J.F., Gildengers, A., Szanto, K., Dombrovski, A.Y., Andreescu, C., Butters, M.A., Morse, J.Q., Houck, P.R., Bensasi, S., Mazumdar, S., Stack, J.A., and Frank, E. (2010). Treating depression to remission in older adults: A controlled evaluation of combined escitalopram with interpersonal psychotherapy versus escitalopram with depression care management. *International Journal of Geriatric Psychiatry*, 25(11), 1134-1141.
- Schulz, R., Cook, T.B., Beach, S.R., Lingler, J.H., Martire, L.M., Monin, J.K., and Czaja, S.J. (in press). Magnitude and Causes of Bias among Family Caregivers rating Alzheimer's Disease Patients. *American Journal of Geriatric Psychiatry*.
- Schulz, R., Czaja, S.J., McKay, J.R., Ory, M.G., and Belle, S.H. (2010). Intervention Taxonomy (ITAX): Describing Essential Features of Interventions. *American Journal of Health Behavior*, Nov-Dec 34(6), 811-821. PMID: 20604704. PMCID: PMC2900778.
- Schulz, R., Monin, J.K., Czaja, S.J., Lingler, J., Beach, S.R., Martire, L.M., Dodds, A., Hebert, R., Zdaniuk, B., and Cook, T.B. (2010). Measuring the experience and perception of suffering. *The Gerontologist*, 50(6), 774-784. PMID: 20478899. PMCID: PMC3003549.
- Schulz, R., Zdaniuk, B., Belle, S.H., Czaja, S.J., Arrighi, H.M., and Zbrozek, A.S. (2010). Baseline differences and trajectories of change for deceased, placed, and community residing Alzheimer's disease patients. *Alzheimer Disease and Associated Disorders*, 24(2), 143-150. PMID: 20505432. PMCID: PMC2879087.
- Smith, G.R., Williamson, G.M., Miller, L. S., and Schulz, R. (2011). Depression and quality of informal care: A longitudinal investigation of caregiving stressors. *Psychology and Aging*, 26(3), 584-591. PMID: 21417536. PMCID: PMC3168695.
- Steel, J.L., Geller, D.A., Tsung, A., Marsh, J.W., Dew, M.A., Spring, M., Grady, J., Likumahuwa, S., Dunlavy, A., Youssef, M., Antoni, M., Butterfield, L.H., Schulz, R., Day, R., Helgeson, V., Kim, K.H., and Gamblin, T.C. (2011). Randomized controlled trial of a collaborative care intervention to manage cancer-related symptoms: Lessons learned. *Clinical Trials*, 8, 298-310. PMID: 2130078.
- Tompkins, C.A. (in press). Rehabilitation for cognitive-language disorders in right hemisphere brain damage. *Archives of Physical Medicine & Rehabilitation*.
- Tompkins, C.A., Blake, M.T., Wambaugh, J.L., and Meigh, K.M. (in press). A novel, implicit treatment for language comprehension processes in right hemisphere brain damage: Phase I data. *Aphasiology*.
- Van Pelt, D.C., Schulz, R., Chelluri, L., and Pinsky, M.R. (2010). Patient specific, time varying predictors of post-ICU informal caregiver burden. *CHEST*, 137(1), 88-94. PMID: 19762552. PMCID: PMC2803119.
- Wallace, M.L., Dombrovski, A.Y., Morse, J.Q., Houck, P.R., Frank, E., Alexopoulos, G.S., Reynolds III, C.F., and Schulz, R. (in press). Coping with health stresses and remission from late-life depression in primary care: A two-year prospective study. *International Journal of Geriatric Psychiatry*. PMID: 21452177.
- Wang, J., and Matthews, J.T. (2010). Chronic disease self-management: Views among older adults of Chinese descent. *Geriatric Nursing*, 31(2), 86-94.

Publications 2010–11, continued

Books/Book Chapters/ Other Publications

Deitrick, S. (2010). Growth poles. In R. Hutchinson (ed), *Encyclopedia of Urban Studies*. Thousand Oaks, CA: Sage.

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

Deitrick, S. (2010). Technopoles. In R. Hutchinson (ed), *Encyclopedia of Urban Studies*. Thousand Oaks, CA: Sage.

Deitrick, S., and Collins, K. (2011). Social return on investment: Measuring social impact on nonprofit organizations. Briefing No. 1, Johnson Institute for Responsible Leadership, Graduate School of Public and International Affairs, University of Pittsburgh.

Martire, L.M., and Schulz, R. (in press). Caregiving and care-receiving in later life: Recent evidence for health effects and promising intervention approaches. In A. Baum, T. Revenson, and J. Singer (Eds), *Handbook of health psychology, 2nd ed.* New York, NY: Psychology Press/Taylor and Francis.

Matthews, J.T. (National Research Council Committee Member). (2010). The role of human factors in home health care: Workshop summary. Steve Olson, Rapporteur. Committee on the Role of Human Factors in Home Health Care, Committee on Human-Systems Integration. Division of Behavioral and Social Sciences and Education. Washington, DC: The National Academies Press.

Matthews, J.T. (National Research Council Committee Member). (2011). Health care comes home: The human factors. Committee on the Role of Human Factors in Home Health Care, Committee on Human-Systems Integration. Division of Behavioral and Social Sciences and Education. Washington, DC: The National Academies Press.

Schulz, R., and Monin, J.K. (2011) The costs and benefits of informal caregiving. In S. Brown, R. Brown, & L. Penner (Eds.), *Moving Beyond Self-interest: Perspectives from Evolutionary Biology, Neuroscience, and the Social Sciences*. Oxford, England: Oxford University Press.

Schulz, R. and Tompkins, C.A. (2010). Informal caregivers in the United States: Prevalence, caregiver characteristics, and ability to provide care. *The Role of Human Factors in Home Health Care* (pp. 117-143). Washington, DC: The National Academies of Sciences Press.

Tompkins, C.A., and Scott, G.A. (in press). Treatment of right hemisphere disorders. In Papanthasiou, I., Coppens, P., & Potagas, C. (Eds.), *Aphasia and related neurogenic communication disorders*. Sudbury, MA: Jones and Bartlett Publishers.

Tompkins, C.A., Klepousniotou, E., and Gibbs Scott, A. (in press). Nature and assessment of right hemisphere disorders. In Papanthasiou, I., Coppens, P., & Potagas, C. (Eds.), *Aphasia and related neurogenic communication disorders*. Sudbury, MA: Jones and Bartlett Publishers.

Technical Reports

Allegheny County Health in Black and White. (April 2011). R. Bangs, E. Bush, A. Robins, and K. Thompson (Eds.). University Center for Social and Urban Research, University of Pittsburgh, in cooperation with the Urban League of Greater Pittsburgh and the Allegheny County Health Department.

Beach, S.R., Musa, D., and Cook, T. (October 2010). UCSUR undergraduate student satisfaction and retention at the University of Pittsburgh: 1997-2010, overview summary findings and update. University Center for Social and Urban Research, University of Pittsburgh.

Briem, C. (June 2011). City of Pittsburgh neighborhood profiles: American Community Survey five-year estimates, 2005-2009 data. University Center for Social and Urban Research, University of Pittsburgh.

Deitrick, S., Briem, C., and Beach, S.R. (December 2010). Impacts of vanpooling in Pennsylvania and future opportunities. Final Report, Pennsylvania Department of Transportation. Department of Civil Engineering and University Center for Social and Urban Research, University of Pittsburgh.

Deitrick, S., and Gradeck, R. (March 2011). Anatomy of a neighborhood: Homewood in the 21st Century. University Center for Social and Urban Research, University of Pittsburgh.

Deitrick, S., Lafe, W., and Briem, C. (April 2011). Economic and community impacts of small colleges and Universities in Western Pennsylvania. University Center for Social and Urban Research, University of Pittsburgh.

Deitrick, S., Lafe, W., and Briem, C. (June 2010). Economic and community impacts of small colleges in Western Pennsylvania: Washington & Jefferson College. University Center for Social and Urban Research, University of Pittsburgh.

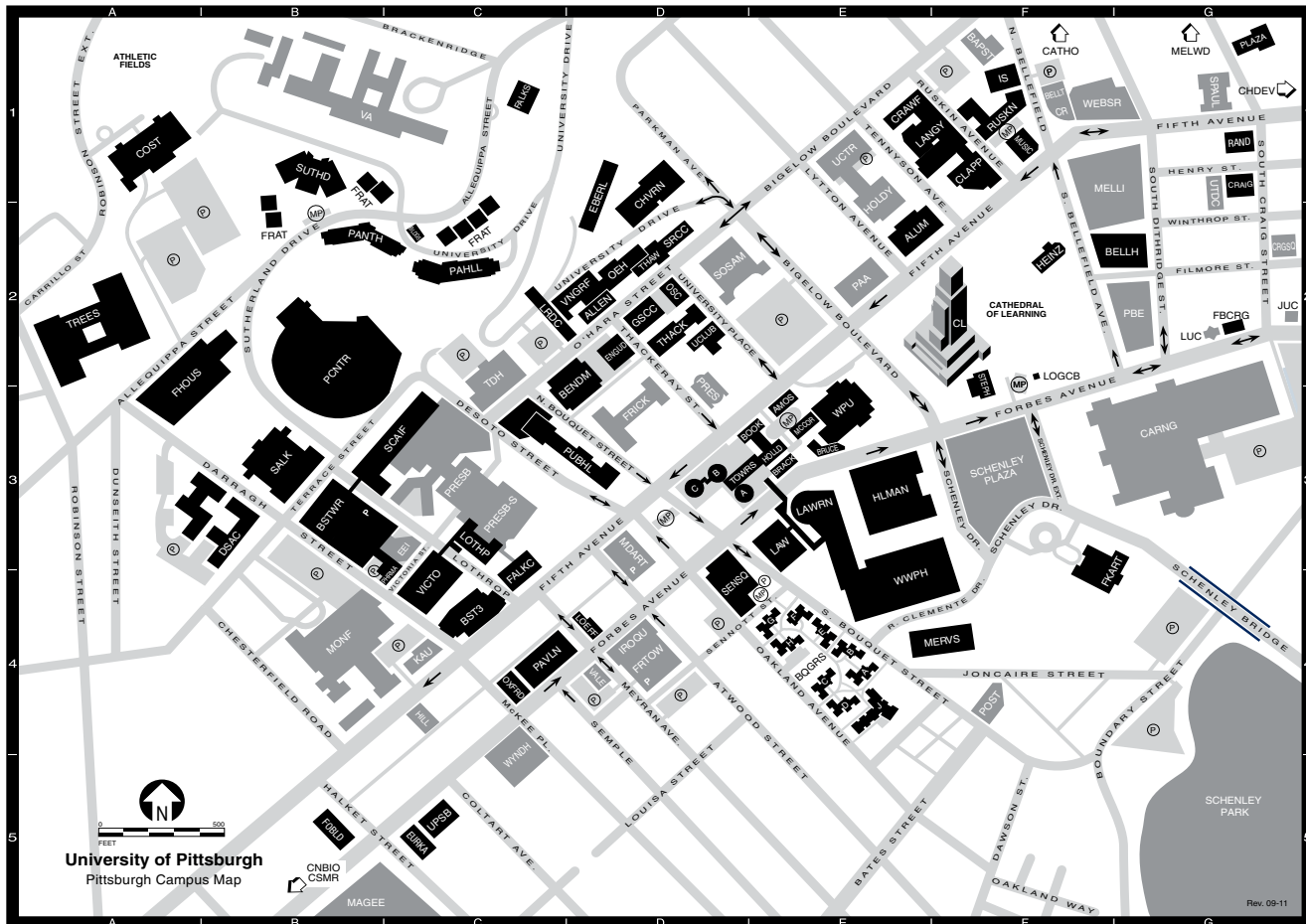
Deitrick, S., Reynolds, A., Briem, C., Gradeck, R., and Ashcroft, L. (March 2011). Estimating the supply and demand of affordable housing in Allegheny County. Report for the Housing Alliance of Pennsylvania Project: Lessons from the Foreclosure Crisis: An Agenda for Rebuilding Pennsylvania's Housing Market. Housing Alliance of Pennsylvania and University Center for Social and Urban Research, University of Pittsburgh.

Gradeck, R. (July 2011). Incorporating Mt. Oliver Borough's data in the Pittsburgh Neighborhood and Community Information System: Project summary and lessons learned. University Center for Social and Urban Research, University of Pittsburgh.

Gradeck, R. (July 2011). Foreclosure in South Pittsburgh's Hilltop and effective responses. University Center for Social and Urban Research, University of Pittsburgh.

Pittsburgh Economic Quarterly (PEQ). (Ongoing). Publication of the Urban and Regional Analysis Program at the University Center for Social and Urban Research. The PEQ covers economic conditions and changes in the Pittsburgh region.

Campus Map



Allen Hall	ALLEN	D2	Forbes Pavilion	PAVLN	C4	Pittsburgh Board of Education	PBE	G2
Alumni Hall	ALUM	E2	(Forbes Hall (residence hall); Integrated Security Department; Department of Parking, Transportation, and Services)			Pittsburgh Science and Technology Academy	FRICK	D3
(Office of Admissions and Financial Aid, Office of Alumni Relations)						Post Office (Oakland Branch)	POST	F4
Amos Hall (residence hall)	AMOS	E3	Forbes Tower	FRTOW	D4	UPMC Presbyterian (map abbreviation for Bellefield Presbyterian Church)	PRESB	C3
BAPST (map abbreviation for First Baptist Church)			Fraternity Housing Complex	FRAT	B1, C2	UPMC Presbyterian South Tower	PRESB-S	C3
Barco Law Building	LAW	E3	Frick Fine Arts Building	FKART	F3	Public Health	PUBHL	D3
Bellefield Hall	BELLH	G2	Gardner Steel Conference Center	GSCC	D2	(Crabtree and Parran Halls)		
Bellefield Presbyterian Church	PRES	D3	Heinz Memorial Chapel	HEINZ	F2	Rand Building	RAND	G1
Bellefield Towers	BELLT	F1	Hill Building	HILL	C4	Ruskin Hall	RUSKN	F1
Benedum Hall	BENDM	D3	Hillman Library	HLMAN	E3	Ryan Catholic Newman Center	CATHO	F1
Thomas E. Starzl Biomedical Science Tower (Tower 1) and Biomedical Science Tower 2	BSTWR	B3	Holiday Inn	HOLDY	E1	(The Oratory) off map		
Biomedical Science Tower 3	BST3	C3	Holland Hall (residence hall)	HOLLD	E3	St. Paul Cathedral	SPAUL	G1
The (University) Book Center	BOOK	E4	Information Sciences Building	IS	F1	Salk Hall	SALK	B3
Bouquet Gardens	BOGRS	E4	Iroquois Building	IROOU	D4	Scaife Hall	SCAIF	C3
(residence halls A-J)			Jewish University Center	JUC	G2	Schenley Park		G4
Brackenridge Hall (residence hall)	BRACK	E3	Kaufmann Medical Building	KAUJ	C4	Schenley Plaza		F3
Copy Cat, The Pitt Shop, Parking Office			Langley Hall	LANGY	E1	Sennott Square	SENSQ	D2
Bruce Hall (residence hall)	BRUCE	E3	LAW (map abbreviation for Barco Law Building)	LAWRN	E3	Soldiers & Sailors Memorial Hall & Museum	SOSAM	D2
Building 5	BLDG5	C2	Lawrence Hall	LAWRE	D3	Space Research Coordination Center	SRCC	D2
Carnegie Library of Pittsburgh, Carnegie Museums of Pittsburgh	CARNG	G3	Learning Research and Development Center	LDRD	C2	Stephen Foster Memorial	STEF	F2
Cathedral of Learning	CL	F2	Litchfield Towers	TOWRS	D3	Sutherland Hall (residence hall)	SUTHD	B1
CATHO (map abbreviation for Ryan Catholic Newman Center)			(residence halls A, B, C)			Thackeray Hall (registration)	THACK	D2
Center for Bioengineering off map	CNBI	B4	Loeffler Building	LOEFF	D4	Thaw Hall	THAW	D2
Center for Sports Medicine and Rehabilitation off map	CSMR	B4	Log Cabin	LOGCB	F2	Thomas Detre Hall of the Western Psychiatric Institute and Clinic	TDH	C2
Charles L. Cost Sports Center	COST	A1	Lothrop Hall (residence hall)	LOTHP	C3	TOWRS (map abbreviation for Litchfield Towers)		
CHDEV (map abbreviation for University Child Development Center)			Lutheran University Center	LUC	G2	Trees Hall (athletic facilities)	TREES	A2
Chevron Science Center	CHVRN	D1	Magee-Womens Hospital off map	MAGEE	B4	University Center (UPMC)	UCTR	E1
Clapp Hall	CLAPP	F1	McCormick Hall (residence hall)	MCCOR	E3	University Child Development Center off map	CHDEV	G1
Community of Reconciliation Building	CR	F1	McCormick Arts Building	MDART	D3	University Club	UCLUB	D2
Craig Hall	CRAIG	G1	(Student Health Service)			University Public Safety Building off map	UPSB	C4
Craig Square	CRGSQ	G2	Mellon Institute	MELLI	F1	University Technology Development Center	UTDC	G1
Crawford Hall	CRAWF	E1	(Pittsburgh Supercomputing Center)			VA Pittsburgh Healthcare System—University Drive Division	VA	B1
Darragh Street Apartment Complex	DSAC	A3	Melwood Maintenance Building off map	MELWD	G1	VALE (map abbreviation for Parkvale Building)		
Eberly Hall	EBERL	D1	Mervis Hall	MERVS	F4	Van de Graaff Building	VNGRF	D2
Engineering Auditorium	ENGLD	D2	UPMC Montefiore	MONF	B4	Victoria Building	VICTO	C4
Eureka Building off map	EURKA	C4	Music Building	MUSIC	F1	Webster Hall	WEBSR	F1
Eye and Ear Institute	EI	C3	O'Hara Student Center	OSC	D2	Wesley W. Posvar Hall	WWPH	E4
Falk Medical Building	FALKC	C3	Old Engineering Hall	OEH	D2	Western Psychiatric Institute and Clinic (see Thomas Detre Hall)		
Falk School	FALKS	C1	Oxford Building (3501 Forbes Avenue)	OXFRD	C4	William Pitt Union	WPU	E3
First Baptist Church (United Campus Ministry)	BAPST	F1	Panther Hall (residence hall)	PANTH	B2	Wyndham Garden Hotel	WYNDH	C4
Fitzgerald Field House	FHOUS	A2	Park Plaza	PLAZA	G1			
Forbes Craig Apartments	FBCRG	G2	Parkvale Building	VALE	D4			
Forbes Oakland Building off map	FOBLD	B4	PAVLN (map abbreviation for Forbes Pavilion)					
			Pennsylvania Hall (residence hall)	PAHLL	C2			
			The John M. and Gertrude E. Petersen Events Center	PCNTR	B2			
			Pharmacy Administration	PHRMA	C3			
			Pittsburgh Athletic Association	PAA	E2			

(P) Parking
 (H) Handicap Parking
 (MP) Metered Parking
 ● Library in Building



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University of Pittsburgh

*University Center for Social and Urban Research
3343 Forbes Avenue
Pittsburgh, PA 15260*

412-624-5442

Fax: 412-624-4810

E-mail: ucsur@pitt.edu

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