

annual report july 1, 2008–june 30, 2009



University Center for Social and Urban Research

UCSUR

University Center for
Social and Urban Research

Annual Report

July 1, 2008–June 30, 2009

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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 and data analysis; (2) carry out regional econometric modeling; (3) analyze qualitative data using state-of-the-art computer

methods, including Web-based studies; (4) obtain, format, and analyze spatial data; (5) acquire, manage, and analyze large secondary and administrative data sets including census data; and (6) design and carry out descriptive, evaluation, and intervention studies. UCSUR plays a critical role in the development of new research projects through consultation with faculty investigators.

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 and social sciences; (2)

develop nationally recognized research programs within the Center in a few selected areas; and (3) support the teaching mission of the University through graduate student, post-doctoral, 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

I am pleased to share with you an update of activities and accomplishments of the Center for the academic year 2008-2009. The Center continues to aggressively pursue 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 post-doctoral students. Some highlights for the current year:

- More than 50 research projects involving most of the schools of the University were carried out, and several dozen undergraduates, graduate students, postdoctoral fellows, and junior faculty were mentored by Center staff.
- The Center had an impressive record of academic achievement this year, including 60 peer-reviewed journal publications, and 16 invited book chapters. This is a doubling of our usual output.
- The Pittsburgh Neighborhood and Community Information System (PNCIS), a unique

geographic information system, was launched. The system provides visual neighborhood level data about housing vacancies, building conditions, crimes, foreclosures, housing prices, tax delinquency, land use, demographics, fires, election results, and much more. To learn what's happening in your Pittsburgh neighborhood, Google PNCIS.

The Center remains committed to continued self-assessment and improvement, and we look to your input and guidance for shaping the future development of the Center.



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).
- 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 handouts, 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: A 32-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.

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.

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 nonresponse.
- Cross-classification analyses with demographic or other predictive factors.
- Multivariate analyses, including ANOVA, factor analysis, linear and nonlinear 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

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 has historically offered a rigorous approach to qualitative data coding and analysis. While maintaining and enhancing this capability, QDAP is currently expanding and strengthening its capabilities in qualitative data collection and project management. QDAP can carry out or assist with all phases of a qualitative research project including study design, project management, data collection, transcription, coding and analysis of data, and 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 and CAT 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)

What We Do: Center Resources, continued

Geographical Information Systems and Visual Analytics Program

Geographic Information System

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.

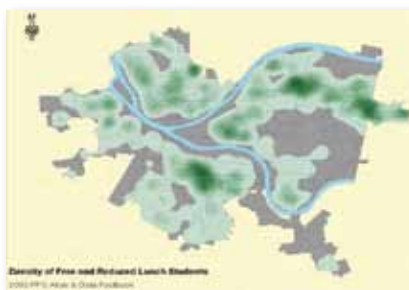
Visual Analytics

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.

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



Sample analytic map showing where impoverished students reside.

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

Regional Economic Analysis

UCSUR studies major economic and demographic trends in the Pittsburgh region in the national context. The policy consequences of these shifts, especially the strategies for economic development and job creation, are analyzed. In addition to the performance of the regional economy, specific strategic economic sectors are analyzed through in-depth studies. The results of such studies are disseminated widely to the region's policymakers and relevant organizations. The program also fosters the development of new methods of data collection and analysis as well as scholarly publications by participating faculty, research staff, and graduate students. Urban Regional

Analysis has been an important element of UCSUR's commitment to providing regional economic policy analysis capabilities to policymakers and the academic community.

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.

The Pittsburgh REMI model is calibrated by UCSUR staff based on local conditions and our 11 years of experience with 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 Southwestern Pennsylvania (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 its planning process.

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 quality neighborhood-based data. PNCIS promotes and assists in neighborhood development and revitalization with the City of Pittsburgh through a data-sharing agreement and with surrounding communities. PNCIS supports efforts to reduce blight, promote neighborhood investment, and improve communities. UCSUR operates PNCIS in agreement with the Pittsburgh Partnership for Neighborhood Development (PPND), a leader in community development in the City of Pittsburgh. PPND was instrumental in securing the financial support to build the PNCIS and expand and develop it over the years. In 2008, PNCIS joined the National Neighborhood Indicators Partnership, a consortium of neighborhood indicator



systems across the USA, based at the Urban Institute in Washington, D.C.

Pittsburgh Economic Quarterly

UCSUR continues to publish the Pittsburgh Economic Quarterly (PEQ) to support organizations and staff involved with economic development throughout the region. The goal of the PEQ has been to highlight the important economic 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 the 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:

- REMI forecast for the Pittsburgh region
- Internal migration within Southwestern Pennsylvania
- Recessions in the Pittsburgh region
- Disaster modeling for emergency planning
- New scenarios for senior workers
- Profile of Pittsburgh's population not in the labor force
- Pennsylvania's population growth crescent
- Fiscal health of municipalities in the Pittsburgh region
- Trends in foreign trade and the Pittsburgh region
- Foreclosures in Allegheny County
- Comprehensive planning and affordable housing
- Movers to the Pittsburgh region by occupation
- Racial demographic differences and disparities
- Pittsburgh's nuclear industry

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.

What We Do: Center Resources, continued

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:

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

UCSUR also conducts demographic, economic, and policy research and analysis and reports on secondary data and data trends relevant to the Pittsburgh region, both alone and in combination with various primary data sources. This research is reported through a number of venues, including research reports and newsletters, such as the Pittsburgh Economic Quarterly.

Program Evaluation Services

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

UCSUR's interdisciplinary staff 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

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
Lynn Martire

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. 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 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)

Co-Program Director
Ralph L. Bangs

Co-Program Director
Sabina Deitrick

Promotes scholarly analysis of urban and regional problems. Its multidisciplinary research, which is local, national, and international in character, touches on issues that further our understanding of the causes and consequences of economic 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.

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

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

Michael A. Bryson

Chair, UCSUR's Board of Visitors
University of Pittsburgh Trustee
Pittsburgh, Pa.

Anderson Dodd Smith, PhD

Georgia Institute of Technology
Atlanta, Ga.

Earl F. Hord

University of Pittsburgh Emeritus Trustee
Queen Creek, Ariz.

James House, PhD

ISR, University of Michigan
Ann Arbor, Mich.

Larry C. Ledebur, PhD

Cleveland State University
Cleveland, Ohio

Cynthia L. Roth

Vice Chancellor,
University of Pittsburgh
Pittsburgh, Pa.

Core Staff

Administration

Director

Richard Schulz

Business Manager

Greg Six

Administrators

Anna Aivaliotis

Donna M. King

Administrative Assistant

Philip Crain

Systems Administrator

James R. Lefcakis

Systems Support

Eric Wolfe

Urban and Regional Analysis

Co-Program Director

Ralph L. Bangs

Co-Program Director

Sabina Deitrick**

Regional Economist

Christopher Briem

Research Specialist

Robert M. Gradek

Survey Research

Program Director

Scott R. Beach

Research Associate

Donald Musa

Senior Research Specialists

Janet Schlarb

Stephen Strotmeyer

Senior Fieldwork Supervisor

Lynda Connelly

Fieldwork Supervisors

Dana Killmeyer

Olivia Kirsch

Olivia Wilson

Survey Research Specialist

Christine Byerly

Research Specialists

Amber Barton

Carrie A. Rodzicz

Web Development/Data Analyst

Robert M. Keene

Qualitative Data Analysis

Program Director

Donald Musa

Program Assistant Director

Laurel Person Mecca

Research Specialists

David Halpern

Kevan Schultz

Gerontology

Program Director

Richard Schulz

Associate Program Director

Lynn Martire**

Associate Program Director, Geriatric Education Center

John Hennon

Project Coordinators/Assistants

Sarah Aerni

Elaine Aivaliotis

Amber Barton

Jennifer Bissell

Angela Dodds

April Kane

Julie Klinger

Summer Lohler

Systems Analyst/Statistician

Thomas Cook

Interviewer/Interventionist

Sally Hostein

Generations Together

Journal Editor/Emeritus Director

Sally Newman

Geographical Information Systems and Visual Analytics Program

Program Director

Ken Sochats**

*** 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	Elsie R. Broussard	Graduate School of Public Health	Susan Hansen	Political Science
Carl A. Sirio	Anesthesiology	Howard B. Degenholtz	Graduate School of Public Health	John Hurwitz	Political Science
John P. Williams	Anesthesiology	Judith R. Lave	Graduate School of Public Health	Patricia Beeson	Provost Office
Frank S. McGlynn	Anthropology	Beaufort B. Longest Jr	Graduate School of Public Health	Boris Birmaher	Psychiatry
Hugo Nutini	Anthropology	Sandra J. Quinn	Graduate School of Public Health	David Brent	Psychiatry
Richard Scaglione	Anthropology	Ravi Sharma	Graduate School of Public Health	Charlotte Brown	Psychiatry
Mark Redfern	Bioengineering	Myrna Silverman	Graduate School of Public Health	Tammy Chung	Psychiatry
Gary M. Marsh	Biostatistics	Stephen Thomas	Graduate School of Public Health	Duncan Clark	Psychiatry
William R. Love	Business Information Systems	Seymour Drescher	History	Ronald Dahl	Psychiatry
Stanley J. Kabala	Center for Environmental Research & Education	Laurence A. Glasco	History	Mary Amanda Dew	Psychiatry
		Edward K. Muller	History	Linda J. Ewing	Psychiatry
Alberta Sbragia	Center for Western European Studies	Fritz Ringer	History	Amy Herschell	Psychiatry
Vijai P. Singh	Chancellor Office	Lisa S. Parker	Human Genetics	Robert S. Marin	Psychiatry
Nicholas F. Jones	Classics	Anthony J. Silvestre	Infectious Diseases/Microbiology	Lynn Martire	Psychiatry
Mary L. Marazita	Cleft Palate-Craniofacial Center	Susan Alman	Information Sciences	Karen A. Matthews	Psychiatry
Frank A. Ghinassi	Clinical Administration	Kenneth Sochats	Information Sciences	Timothy Monk	Psychiatry
Catherine V. Palmer	Communication Science and Disorders	Terri Miller	Institute of Politics	Lisa A. Morrow	Psychiatry
Connie A. Tompkin	Communication Science and Disorders	Brian Butler	Katz Graduate School of Business	Jennifer Morse	Psychiatry
J. Scott Yaruss	Communication Science and Disorders	Christine Kush	Katz Graduate School of Business	Rick Morycz	Psychiatry
John Wilds	Community/Government Relations	Carrie R. Leana	Katz Graduate School of Business	Benoit H. Mulsant	Psychiatry
Stephen Zupcic	Community/Government Relations	Marick F. Masters	Katz Graduate School of Business	Edward P. Mulvey	Psychiatry
Rami Melhem	Computer Science	John E. Prescott	Katz Graduate School of Business	Herbert L. Needleman	Psychiatry
Daniel Mosse	Computer Science	Ronald A. Brand	Law	Vishwajit Nimganonkar	Psychiatry
Taieb Znati	Computer Science	Mary Crossley	Law	Paul Pilkonis	Psychiatry
John M. Close	Dental Medicine	Vivian Curran	Law	Bruce Pollock	Psychiatry
James Guggenheimer	Dental Medicine	Lawrence A. Frolik	Law	Charles F. Reynolds III	Psychiatry
Titus Schleyer	Dental Medicine	David Herring	Law	Neal Ryan	Psychiatry
Karen Schmidt	Dental Medicine	Alan Meisel	Law	Ihsan M. Salloum	Psychiatry
Jon B. Suzuki	Dental Medicine	Richard P. Correnti	Learning Research and Development Center	Magda Stouthamer-Loeber	Psychiatry
Robert Weyant	Dental Medicine		Learning Research and Development Center	Kenneth S. Thompson	Psychiatry
Frank Giarratani	Economics	Mary Kay Stein	Magee-Women's Research Institute	Martin Greenberg	Psychology
Gene Gruver	Economics	James M. Roberts	Medicine	Christina Groark	Psychology
Mary Duquin	Education	Derek C. Angus	Medicine	Thomas Kamarck	Psychology
Carl I. Fertman	Education	Robert M. Arnold	Medicine	William Klein	Psychology
Meryl K. Lazar	Education	Cindy L. Bryce	Medicine	John Levine	Psychology
Steven R. Lyon	Education	Michael Fine	Medicine	David Marsh	Psychology-Greensburg
Maureen Porter	Education	John Kellum Jr.	Medicine	Robert McCall	Psychology
Alice M. Scales	Education	Anne B. Newman	Medicine	Daniel Shaw	Psychology
Joan I. Vondra	Education	P. Sudhakar Reddy	Medicine	Steven E. Stern	Psychology-Johnstown
Vince N. Mosesso Jr.	Emergency Medicine	Eric Rodriguez	Medicine	Mary Goldberg	Rehabilitation Science and Technology
Paul M. Paris	Emergency Medicine	Robert E. Schoen	Medicine	Nancy Condee	Slavic Languages and Literatures
Ronald D. Neufeld	Engineering	Rakesh Sindhi	Medicine	Vladimir Padunov	Slavic Languages and Literatures
Eric O. Clarke	English	Stephanie Studenski	Medicine	Ralph Bangs	Social Work
Marcia Land	English	Galen Switzer	Medicine	Larry E. Davis	Social Work
Joseph J. Schwerha	Environmental/Occupational Health	Mark Unruh	Medicine	Rafael J. Engel	Social Work
Steven Belle	Epidemiology	Debra K. Weiner	Medicine	Catherine Greeno	Social Work
Joyce T. Bromberger	Epidemiology	Andrew N. Weintraub	Music	Lambert Maguire	Social Work
Jane A. Cauley	Epidemiology	Catherine Bender	Nursing	Helen Petracchi	Social Work
Andrea Kriska	Epidemiology	Rose E. Constantino	Nursing	Esther Sales	Social Work
Roberta Ness	Epidemiology	Willa M. Doswel	Nursing	Edward W. Sites	Social Work
Joel L. Weissfeld	Epidemiology	Jacqueline Dunbar-Jacob	Nursing	Tracy M. Soska	Social Work
Jonathon Erlen	Falk Library/Public Health	Judith A. Erlen	Nursing	Hide Yamatani	Social Work
Laura Miller	Family Medicine	Julia Ann Greenawalt	Nursing	Kathleen M. Blee	Sociology
Valerie Grash	Fine Arts	Judith Talbot Matthews	Nursing	Lisa D. Brush	Sociology
William B. Kory	Geography	Ann M. Mitchell	Nursing	Patrick Doreian	Sociology
Siddharth Chandra	Graduate School of Public and International Affairs	Elizabeth A. Schlenk	Nursing	Akiko Hashimoto	Sociology
		Joan C. Rogers	Occupational Therapy	James D. Luketich	Surgery
Louise Comfort	Graduate School of Public and International Affairs	James J. Irrgang	Orthopedic Surgery	Ron Shapiro	Surgery
Phyllis Coontz	Graduate School of Public and International Affairs	Bruce S. Rabin	Pathology	Attilio Favorini	Theatre Arts
Sabina Deitrick	Graduate School of Public and International Affairs	Parmjeet Randhawa	Pathology	Ronald B. Herberman	University of Pittsburgh Cancer Institute
Leon L. Haley	Graduate School of Public and International Affairs	Melanie A. Gold	Pediatrics	Carolyn J. Carson	Urban Studies Program
David Y. Miller	Graduate School of Public and International Affairs	Raymond Davis Pitetti	Pediatrics	Michelle Robinson	Western Psychiatric Institute and Clinic
Clyde Weaver	Graduate School of Public and International Affairs	Abhay Vats	Pediatrics		
		Selma F. Witchel	Pediatrics		
		Pouran Famili	Periodontics		
		Teresa Donegan	Pharmacy		
		Bobbie Farrah	Pharmacy		
		Jessie VanSwearingen	Physical Therapy		

Projects*

Churning in Employment Programs

Principal

Investigator: Ralph Bangs, *URA, UCSUR*
Funder: Educational Data Systems Inc.
Period: 01/08-04/09

Report on churning was completed in February 2009. The study was based on data collected from administrative records at a local welfare-to-work agency. The study found that welfare churning—return of participants to welfare after a prior exit—varied by program type.

A New Measure of Adaptive Strategies and its Relation to Late-Life Depression

Principal

Investigators: Scott Beach, *SRP, UCSUR*
Jennifer Morse, *Psychiatry*
Funder: National Institutes of Health
Period: 06/07-05/09

Conduct telephone interviews with a national sample (n=500) of persons with and without physical difficulties, aged 40 and older, to evaluate a new scale for assessing personal health goals and its relation to depression.

Assessing Instructional Content and Interaction at Scale

Principal

Investigators: Scott Beach, *SRP, UCSUR*
Richard P. Correnti, *LRDC*
Funder: National Institutes of Health
Period: 06/08-05/10

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.

Cognitive Impairment Related to Anastrozole Use in Women

Principal

Investigators: Scott Beach, *SRP, UCSUR*
Catherine Bender, *School of Nursing*
Funder: National Institutes of Health
Period: 05/05-03/09

Assist in the recruitment of healthy women between the ages of 40 and 75 suitable for follow-up in a study of the effects of Anastrozole on cognitive function.

Core Curriculum Mental Health Training Program

Principal

Investigators: Scott Beach, *SRP, UCSUR*
Michelle Robinson, *Western Psychiatric Institute & Clinic*
Funder: Staunton Farm Foundation
Period: 06/08-05/09

Development of Web-based training materials for use by community-based agencies providing mental health services.

Ethnicity and Culture in Unrelated Stem Cell Donation

Principal

Investigators: Scott Beach, *SRP, UCSUR*
Galen Switzer, *School of Medicine*
Funder: National Institutes of Health
Period: 04/06-03/10

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

Frequent Hemodialysis Network Quality of Life Core

Principal

Investigators: Scott Beach, *SRP, UCSUR*
Mark Unruh, *School of 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: 05/08-01/10

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

Hormone and Ovarian Cancer Prediction

Principal

Investigators: Scott Beach, *SRP, UCSUR*
Roberta Ness, *Epidemiology*
Funder: National Institutes of Health
Period: 05/03-03/09

Recruitment of community control females ages 45-75 for a study of ovarian cancer.

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

Principal

Investigators: Scott Beach, *SRP, UCSUR*
Mark Unruh, *School of 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 (four times/day for one week) via IVR (interactive voice response) technology.

*In alphabetical order by UCSUR principal investigator

Projects, continued

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.

Marriage in America: Carnegie Mellon University Deliberative Poll

Principal

Investigators: Scott Beach, *SRP, UCSUR*
Robert Cavalier, *Carnegie Mellon University*

Funder: Carnegie Mellon University

Period: 08/08-10/08

Telephone recruitment of 300 registered voters in Pennsylvania to participate in deliberative polls at four Pennsylvania universities on the issue of the definition of marriage in America.

Neuro-development Maturation and Alcohol Use in Adolescents

Principal

Investigators: Scott Beach, *SRP, UCSUR*
Duncan Clark, *Psychiatry*

Funder: National Institutes of Health

Period: 09/07-12/09

Recruitment of community families (a parent and adolescent) to study characteristics that can predict alcohol problems in adolescents.

Nursing School Alumni Survey

Principal

Investigators: Scott Beach, *SRP, UCSUR*
Jacqueline Dunbar-Jacob, *School of Nursing*

Funder: School of Nursing

Period: 03/08-08/08

Conduct telephone and Web-based surveys with School of Nursing alumni to determine professional career path outcomes.

Patient/Provider Attitudes Towards Hepatitis Study

Principal

Investigators: Scott Beach, *SRP, UCSUR*
Susan Zickmund, *Pittsburgh VA Healthcare System*

Funder: Pittsburgh VA Healthcare System

Period: 09/06-11/08

Telephone interviews with 700 hepatitis C virus patients from the VA healthcare system to determine attitudes towards treatment and perceptions of communication with health providers.

Peripheral Blood Stem Cells vs. Marrow Donor Quality of Life Surveys

Principal

Investigators: Scott Beach, *SRP, UCSUR*
Galen Switzer, *Medicine*
Mary Amanda Dew, *Psychiatry*

Funder: National Marrow Donor Program

Period: 01/04-12/09

A series of telephone follow-up surveys focusing on quality of life issues as part of a randomized clinical trial comparing peripheral blood stem cell vs. bone marrow donation.

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 1600 Allegheny County residents age 65 and older over four years to study the impact of former shift work on long-term sleep quality and health outcomes.

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.

Testing Survey Methods for Collecting Data on Elder Mistreatment Prevalence

Principal

Investigator: Scott Beach, *SRP, UCSUR*

Funder: National Institute on Aging

Period: 09/06-08/08

Telephone and face-to-face interviews with 900 Allegheny County residents age 60 and older to test new survey technologies—interactive voice response (IVR) and audio-computer-assisted self-interviewing (A-CASI)—for obtaining self-reports about elder abuse.

Undergraduate Student Satisfaction and Retention Study

Principal

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

Funder: University of Pittsburgh Office of the Provost
Period: 09/05-06/10

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

Western Pennsylvania Manufacturing Industry Study

Principal

Investigators: Scott Beach, *SRP, UCSUR*
Christine Kush, *Joseph M. Katz Graduate School of Business*

Funder: University of Pittsburgh
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.

Secure CITI: Secure Critical Information Technology Infrastructure for Disaster Management

Principal

Investigators: Louise Comfort, *EDS, UCSUR*
Rami Melhem, *Computer Science*
Daniel Mosse, *Computer Science*

Funder: National Science Foundation
Period: 09/03-09/08

Collaborative effort with Carnegie Mellon University, George Washington University, and the University of California–Berkeley to support research to develop a program to address interorganizational coordination in extreme events.

Pittsburgh Regional Indicators Project

Principal

Investigator: John Craig, *SWPA Regional Indicators Consortium*

Funders: multiple regional foundations
Period: ongoing

Developing a comprehensive set of regional indicators and benchmarking them against other places.

Allegheny County Comprehensive Plan

Principal

Investigator: Sabina Deitrick, *URA, UCSUR*
Funder: McCormick Taylor (from Allegheny County Department of Economic Development)
Period: 04/05-12/08

Preparing demographic, housing, and economic baseline studies and forecasts for the Allegheny County Comprehensive Plan.

Impacts of the Programs of the Institute for Entrepreneurial Excellence

Principal

Investigator: Sabina Deitrick, *URA, UCSUR*
Funder: Institute for Entrepreneurial Excellence
Period: 09/08-03/09

Estimate the employment impact and other economic effects of the programs under the Institute for Entrepreneurial Excellence at the Katz Graduate School of Business, University of Pittsburgh.

Impacts of Vanpooling in Pennsylvania and SWPA and Future Opportunities

Principal

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

The objective of this work is to analyze the current conditions for vanpooling in Pennsylvania with an emphasis on SWPA, review the current programs of SWPA Commission and other vanpooling operations, and develop a model for an expansion of vanpooling programs. In addition, we will assess the 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 regional 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.

Projects, continued

Pittsburgh Regional Alliance

Principal

Investigator: Sabina Deitrick, *URA, UCSUR*

Funder: Pittsburgh Regional Alliance

Period: ongoing

Period/annual economic impact analysis of key projects for the year.

Small Colleges and Universities and Their Economic and Community Impacts

Principal

Investigators: Sabina Deitrick, *URA, UCSUR*
William Lafe, *Independent Consultant*

Funder: McCune Foundation

Period: 10/09-10/10

The proposed study will assess 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 will be divided into two phases: a pilot study conducted from 11/09-01/10 will focus on two 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.

The Impact of the Nonprofit Sector on the Pittsburgh Regional Economy

Principal

Investigator: Sabina Deitrick, *URA, UCSUR*

Funder: The Forbes Fund

Period: 06/08-01/09

Estimate the economic impact of the nonprofit sector in Southwestern Pennsylvania using the REMI model and additional information obtained by survey of Greater Pittsburgh Nonprofit Partnership members.

Daily Assessment in Arthritis Study

Principal

Investigator: Lynn Martire, *Gerontology, UCSUR*

Funder: National Institute on Aging

Period: 09/07-08/12

This study will investigate the extent to which daily patient-spouse concordance (agreement) regarding osteoarthritis (OA) patient symptom severity, arthritis self-efficacy, and symptom catastrophizing is associated with positive spousal support (empathic and autonomy-supportive responses) and problematic spousal support (insensitive and solicitous responses).

Barriers to Quitting Smoking During Pregnancy

Principal

Investigators: Laurel Person Mecca, *QDAP, UCSUR*

David Halpern, *QDAP, UCSUR*

Donald Musa, *QDAP, UCSUR*

Laura Miller, *Family Medicine*

Funder: University of Pittsburgh
Department of Family Medicine

Period: 05/09-08/09

Code semi-structured interviews with pregnant smokers to explore the barriers to quitting smoking in pregnancy.

Daily Kos Diaries: Distributed Gatekeeping and the Potential of Blogs as News Media

Principal

Investigators: Laurel Person Mecca, *QDAP, UCSUR*

David Halpern, *QDAP, UCSUR*

Donald Musa, *QDAP, UCSUR*

Adam Schiffer, *Texas Christian University*

Funder: Texas Christian University

Period: 06/09-09/09

Code diaries from the Daily Kos online community to examine gate-keeping choices made by community members.

Gateway Health Plan Member Satisfaction Study

Principal

Investigators: Laurel Person Mecca, *QDAP, UCSUR*

Kevan Schultz, *QDAP, UCSUR*

Donald Musa, *QDAP, UCSUR*

Marnie Schilken, *Gateway Health Plan*

Funder: Gateway Health Plan

Period: 01/09-01/10

Facilitate focus groups with Medicaid members of Gateway Health Plan and code results to assess the effectiveness and customer-appeal of health education materials, campaigns and initiatives.

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: 06/09-05/10

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.

Understanding Practitioner Perspectives and Preferences Regarding Training

Principal

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

Funder: National Institute of Mental Health

Period: 01/09-01/10

Conduct focus groups and semi-structured interviews with community-based practitioners to develop a training protocol that will meet practitioners' needs while incorporating evidence-based practices.

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

Principal

Investigators: Donald Musa, *QDAP, UCSUR*
Richard Schulz, *Gerontology, UCSUR*
Mary Crossley, *School of Law*

Funder: University of Pittsburgh School of Law

Period: 04/08-09/08

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

Optical Character Recognition Annotator

Principal

Investigators: Donald Musa, *QDAP, UCSUR*
David Halpern, *QDAP, UCSUR*
Stuart Shulman, *University of Massachusetts–Amherst*

Funder: Matrixware

Period: 10/08-06/09

Investigate the accuracy of funder's Optical Character Recognition (OCR) technology using specially designed in-house software to annotate OCR errors and make corrections.

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

Principal

Investigators: Donald Musa, *QDAP, UCSUR*
Stephen Thomas, *Graduate School of Public Health*

Funder: National Center on Minority Health and Health Disparities

Period: 04/09-04/10

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.

Partnerships in the U.K. Children's Voluntary Sector

Principal

Investigators: Kevan Schultz, *QDAP, UCSUR*
Donald Musa, *QDAP, UCSUR*
Thorsten Roser, *London School of Economics*

Funder: The London Research and Consulting Group

Period: 06/08-11/09

Code interviews with CEOs and staff of various U.K. children's charities to investigate perceptions of project-based partnerships in the U.K. children's voluntary sector.

Cancer and Aging Center

Principal

Investigators: Richard Schulz, *Gerontology, UCSUR*
Ronald B. Herberman, *University of Pittsburgh Cancer Institute*

Funder: National Institutes of Health

Period: 09/03-08/08

Focus on the psychosocial impact of cancer on patients and families as well as psychobiological processes that mediate response to the stresses of cancer.

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

Principal

Investigators: Richard Schulz, *Gerontology, UCSUR*
Karen Matthews, *Psychiatry*

Funder: National Heart, Lung and Blood Institute

Period: 09/04-06/10

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: 09/07-06/10

The GEC/PA is a consortium of The University of Pittsburgh, Penn State University, and Temple University. The mission of the GEC/PA is to provide various educational programs to healthcare professionals in the areas of elder care issues.

Intervention to Facilitate Family Caregiver Adaptation to Nursing Home Transition

Principal

Investigator: Richard Schulz, *Gerontology, UCSUR*

Funder: National Institute of Nursing Research

Period: 07/07-05/12

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.

Projects, continued

Measuring Suffering in Persons with Alzheimer's Disease

Principal

Investigator: 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 wellbeing.

Quality of Life Technology Engineering Research Center

Principal

Investigators: Richard Schulz, *Gerontology, UCSUR*
Takeo Kanade, *Carnegie Mellon University*

Funder: National Science Foundation

Period: 06/06-05/11

The mission of the QoLT ERC is to transform the lives of people with reduced functional capabilities due to aging or disability. A unique partnership between Carnegie Mellon and Pitt will bring together a cross-disciplinary team of technologists, clinicians, industry partners, end users, and other stakeholders to create revolutionary technologies that improve and sustain the quality of life for all people. By integrating information technologies and biomedical innovations, the resulting systems will allow people to independently perform valued and necessary activities of daily living so that they can more fully participate in society.

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

Principal

Investigators: Richard Schulz, *Gerontology, UCSUR*
Lynn Martire, *Gerontology, UCSUR*
Charles F. Reynolds III, *Psychiatry*

Funder: National Institute of Mental Health

Period: 08/05-05/10

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

Language Processing Technology for Electronic Rulemaking

Principal

Investigator: Stuart W. Shulman, *QDAP, UCSUR*

Funder: National Science Foundation

Period: 11/04-10/08

Focus on the impact and development of new language technologies tailored to the electronic rulemaking tasks of the federal government.

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. Workshop hosted at the University of Pittsburgh in June 2009.

Comprehension Impairment

Principal

Investigator: Connie Tompkins, *Gerontology, UCSUR*

Funder: National Institutes of Health

Period: 09/99-11/07

This project is designed to contrast "suppression deficit" and "coarse coding deficit" hypotheses as factors in poor comprehension performance of adults who have strokes that affect the right side of the brain and assess the relationship of these deficits to particular regions of damage in the right hemisphere.

Publications 2008–09

Journals

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- Albert, S.M., Musa, D., Kwoh, C.K., Silverman, M. (2008).** Defining optimal self-management in osteoarthritis: Racial differences in a population-based sample. *Journal of Cross Cultural Gerontology, 23*(4), 349-360.
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- Courtney, K.L., Lingler, J.H., Person Mecca, L., Garlock, L.A., Schulz, R., Dick, A.W., et al. (in press).** Initial impressions of community-dwelling older adults and case managers about community-based telehealth kiosks. *Research in Gerontological Nursing.*
- Cruz, M., Schulz, R., Pincus, H.A., Houck, P.R., Bensasi, S., & Reynolds C.F. III. (2009).** The association of public and private religious involvement with severity of depression and hopelessness in older adults treated for major depression. *American Journal of Geriatric Psychiatry, 17*(6), 503-507.
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- Deitrick, S., & Briem, C. (2009).** Gender wage disparity in the Pittsburgh region. *American Behavioral Scientist, 53*(2), 239-260.
- Dorsten, A., Sifford, K.S., Bharucha, A., Mecca, L.P., & Wactlar, H. (2009).** Ethical perspectives on emerging assistive technologies: Insights from focus groups with stakeholders in long term care facilities. *Journal of Empirical Research on Human Research Ethics, 4*(1), 25-36.
- Hebert, R.S., Copeland, V., Schulz, R., Amato, C., & Arnold, R.M. (in press).** Preparing family caregivers for the death of a loved one: Implications for hospital social workers. *Journal of Social Work in End-of-Life & Palliative Care.*
- Hebert, R.S., Schulz, R., Copeland, V., & Arnold, R.M. (2008).** What Questions do family caregivers want to discuss with healthcare providers in order to prepare for the death of a loved one? An ethnographic study of caregivers of patients at end of life. *Journal of Palliative Medicine, 11*(3), 476-483.
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- Keefe, F.J., Somers, T.J., & Martire, L.M. (2008).** Psychologic interventions and lifestyle modifications for arthritis pain management. *Rheumatic Disease Clinics of North America, 34*, 351-368.
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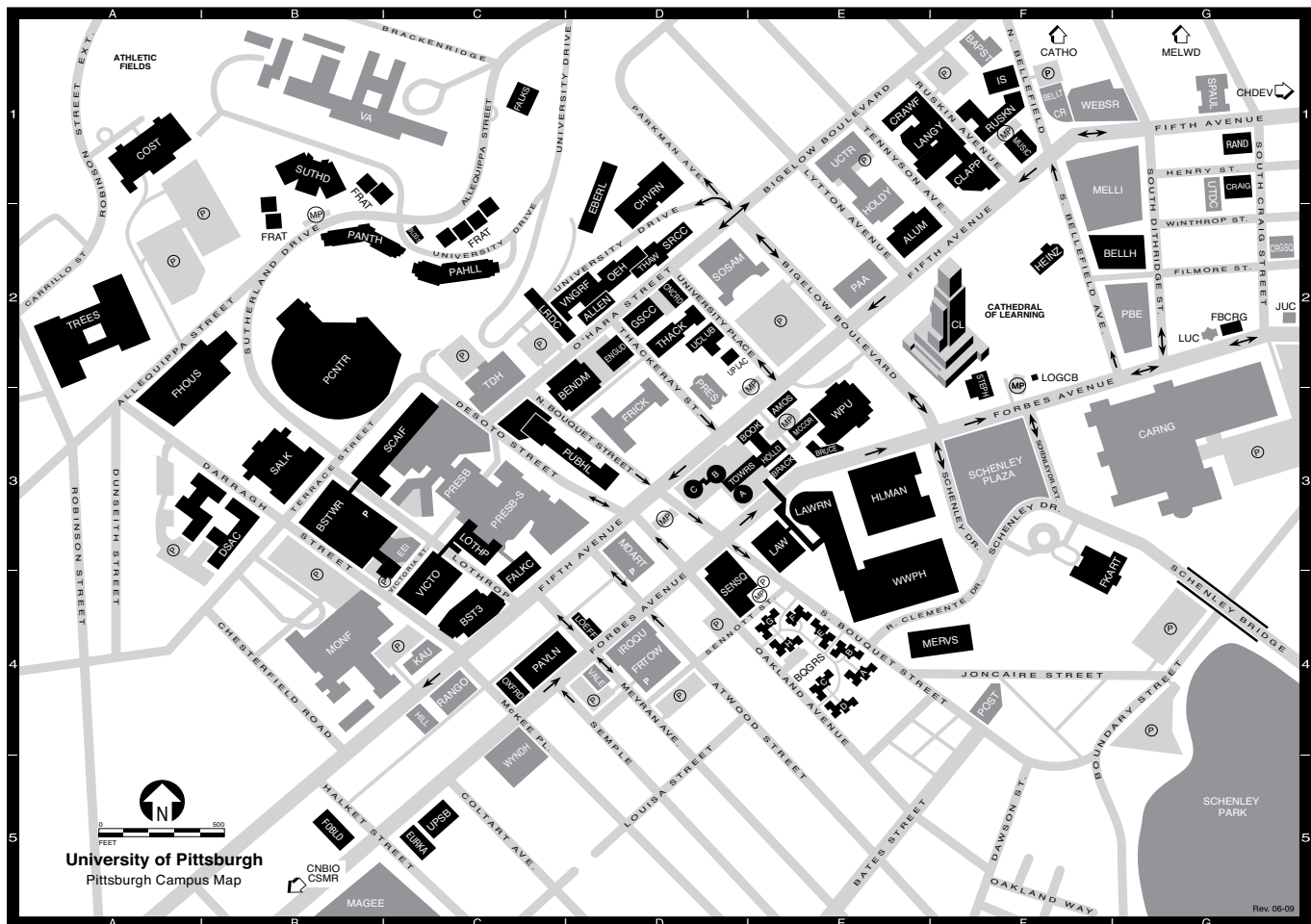
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Campus Map



Allen Hall..... ALLEN D2	Crawford Hall CRAWF E1	Litchfield Towers TOWRS D3	St. Paul Cathedral SPAUL G1
Alumni Hall ALUM E2	Darragh Street Apartment Complex..... DSAC A3	Loeffler Building LOEFF D4	Salk Hall SALK B3
(Office of Admissions and Financial Aid, Office of Alumni Relations)	Eberly Hall EBERL D1	Log Cabin LOGCB F2	Scaife Hall SCAIF C3
Amos Hall (residence hall) AMOS E3	Engineering Auditorium ENGUD D2	Lothrop Hall (residence hall) LOTHP C3	Schenley Park 65
BAPST (map abbreviation for First Baptist Church)	Eureka Building EURKA C5	Lutheran University Center LUC G2	Schenley Plaza F3
Barco Law Building LAW E3	Eye and Ear Institute EEI C3	Magee-Womens Hospital MAGEE B5	Sennott Square SENSO D4
Bellefield Hall BELLH G2	Falk Medical Building FALKC C3	McCormick Hall (residence hall) MCCOR E3	Soldiers and Sailors Memorial Hall..... SOSAM D2
Bellefield Presbyterian Church PRES D3	Falk School FALKS C1	Medical Arts Building MDART D3	Space Research Coordination Center..... SRCC D2
Bellefield Towers BELLT F1	First Baptist Church BAPST F1	(Student Health Service)	Stephen Foster Memorial STEPH F2
Benedum Hall BENDM D3	(United Campus Ministry)	Mellon Institute MELLI F1	Sutherland Hall (residence hall) SUTHD B1
Thomas E. Starzl Biomedical Science Tower (Tower 1) and Biomedical Science Tower 2 BSTWR B3	Fitzgerald Field House FHOU A2	(Pittsburgh Supercomputing Center)	Thackeray Hall (registration) THACK D2
Biomedical Science Tower 3 BST3 C4	Forbes Craig Apartments FBCRG B2	Melwood Maintenance Building	Thaw Hall THAW D2
The (University) Book Center BOOK E3	Forbes Oakland Building FOBLD G5	off map MELWD G1	Thomas Detre Hall of the Western Psychiatric Institute and Clinic TDH C2
Bouquet Gardens BQGRS E4	Forbes Pavilion Building PAVLN C4	Mervis Hall MERVS F4	TOWRS (map abbreviation for Litchfield Towers)
(residence halls A-H)	(Forbes Hall [residence hall]; The Health Book Center; Department of Parking, Transportation, and Services)	UPMC Montefiore MONF B4	Trees Hall (athletic facilities) TREES A2
Brackenridge Hall (residence hall, Copy Cat, The Pitt Shop, Parking Office) BRACK E3	Forbes Tower FRTOW D4	Music Building MUSIC F1	University Center (UPMC) UCTR E1
Bruce Hall (residence hall) BRUCE E3	Fraternity Housing Complex..... FRAT B1, C2	Old Engineering Hall OEH D2	University Child Development Center off map CHDEV G1
Bldg 5 BLDG5 C2	Frick Fine Arts Building FKART F3	Oxford Building (3501 Forbes Avenue) OXFRD C4	University Club UCLUB D2
Carnegie Library of Pittsburgh, Carnegie Museums of Pittsburgh CARNG G3	Frick International Studies Academy FRICK D3	Panther Hall (residence hall) PANTH B2	University Place Office Building UPLAC D2
Cathedral of Learning CL F2	Gardner Steel Conference Center GSCC D2	Parkvale Building VALE D4	University Public Safety Building UPSB C5
CATHO (map abbreviation for Ryan Catholic Newman Center)	Heinz Memorial Chapel HEINZ F2	PAVLN (map abbreviation for Forbes Pavilion)	University Technology Development Center..... UTDC G1
Center for Bioengineering off map CNBIO B5	Hill Building HILL C4	Pennsylvania Hall (residence hall) PAHLL C2	VA Pittsburgh Healthcare System—University Drive Division VA B1
Center for Sports Medicine and Rehabilitation off map CSMR B5	Hillman Library HILMAN E3	The John M. and Gertrude E. Petersen Events Center PCNTR B2	VALE (map abbreviation for Parkvale Building)
Charles L. Cost Sports Center COST A1	Holiday Inn HOLDY E1	Pittsburgh Athletic Association PAA E2	Van de Graaff Building VNGRF D2
CHDEV (map abbreviation for University Child Development Center)	Holland Hall (residence hall) HOLL D3	Pittsburgh Board of Education PBE G2	Victoria Building VICTO C4
Chevron Science Center CHVRN D1	Information Sciences Building..... IS F3	Post Office (Oakland Branch) POST F4	Webster Hall WEBSR F1
Clapp Hall CLAPP F1	Iroquois Building IROQU D4	PRES (map abbreviation for Bellefield Presbyterian Church)	Westley W. Posvar Hall WWPHF E4
Community of Reconciliation Building CR F1	Jewish University Center JUC G2	UPMC Presbyterian PRESB C3	Western Psychiatric Institute and Clinic (see Thomas Detre Hall)
Concordia Club CNCRD D2	Kaufmann Medical Building KAUC4	UPMC Presbyterian South Tower PRESB-S C3	William Pitt Union WPU E3
Craig Hall CRAIG G1	Langley Hall LANGY E1	Public Health (Crabtree and Parran Halls) PUBHL D3	Wyndham Garden Hotel WYNDH C5
Craig Square CRGSQ G2	LAW (map abbreviation for Barco Law Building)	Rand Building RAND G1	
	Lawrence Hall LAWRN E3	Rangos Research Center RANGO C4	
	Learning Research and Development Center LRDC C2	Ruskin Hall RUSKN F1	
		Ryan Catholic Newman Center CATHO F1	
		(The Oratory) off map	

- (P) Parking
- (HP) Handicap Parking
- (MP) Metered Parking
- Library in Building



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