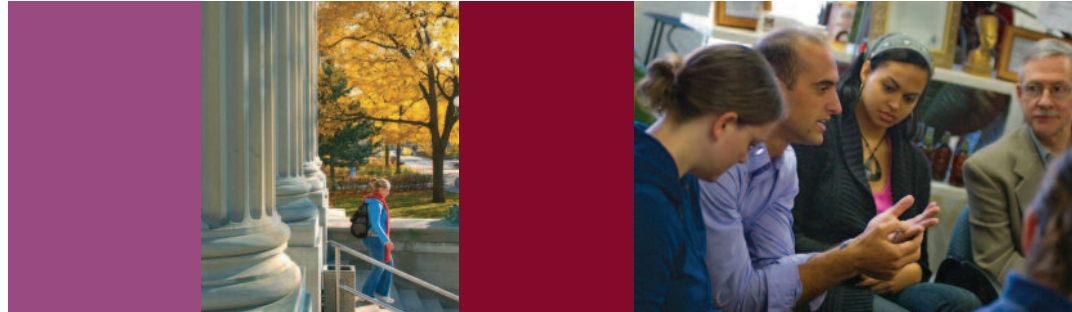


A Guide to Faculty and Their Expertise

2009-2010



UNIVERSITY OF MINNESOTA

School of Public Health



Web

www.sph.umn.edu

E-mail

sph-ssc@umn.edu

Phone

(612) 626-3500

Toll-Free

(800) 774-8636

TABLE OF CONTENTS

Subject Index	4
Our Experts	17
Adjunct Faculty	82
Retired and Emeritus Faculty	86
Centers	88

USER'S GUIDE

This guide is to assist media representatives, students, and others in contacting faculty experts engaged in research, teaching, and publication. To contact experts in a particular subject matter:

1. Refer to the subject index (pages 4–16).
2. Obtain contact information from the faculty directory (pages 17–81).

Information on SPH faculty is also available at www.sph.umn.edu/faculty.

If you'd like information about public health issues that are not listed here, please contact the Dean's Office at (612) 624-6669.

THE UNIVERSITY OF MINNESOTA SCHOOL OF PUBLIC HEALTH

The School of Public Health has existed officially since 1944, but the presence of public health at the University dates back to the 1870s. “Public” is key because our title is our mission: the health of groups of people and populations, rather than the treatment of ill individuals.

We emphasize the prevention of injury and illness. Research, education, and outreach programs focus on environmental health risks, effects of human behavior on health, illness and injury prevention, the economics and delivery of effective health care services, and other areas.

EDITOR

Diana Harvey

ART DIRECTION

Carr Creatives

PHOTOS

Bill Alkofer, Paul Bernhardt, Tim Rummelhoff, Carol Wiebe

Printed in March 2009

The University of Minnesota is committed to the policy that all persons shall have equal access to its programs, facilities, and employment without regard to race, color, creed, religion, national origin, sex, age, marital status, disability, public assistance status, veteran status, or sexual orientation.



SUBJECT INDEX

ACCIDENTS

(see Injuries)

ADDICTION/DRUG ABUSE PREVENTION

Jean Forster
Deb Hennrikus
Harry Lando
Chap Le

ADOLESCENT HEALTH/CHILD HEALTH

alcohol

Sonya Brady
Susan Gerberich
Eileen Harwood
Rhonda Jones-Webb
Toben Nelson
Traci Toomey

growth

John Himes
Joän Patterson

nutrition/eating disorders/obesity

Simone French
John Himes
Robert Jeffery
Bea Krinke
Karen Kuntz
Leslie Lytle
Melissa Nelson
Toben Nelson
Nancy Sherwood
Jamie Stang
Dianne Neumark-Sztainer
Mark Pereira
Mary Story

sexual behavior

Sonya Brady

smoking

Sonya Brady
Jean Forster
Robert Jeffery

Harry Lando
DeAnn Lazovich

substance abuse

Sonya Brady

violence

Sonya Brady
Susan Gerberich

AGING/ALZHEIMER'S/ASSISTED LIVING/END-OF-LIFE CARE/GERIATRICS/LONG-TERM CARE

Judy Garrard
Leslie Grant
Robert Kane
Rosalie Kane
Sandy Potthoff
Beth Virnig

AGRICULTURAL HEALTH AND SAFETY

Bruce Alexander
Susan Gerberich

AIDS/HIV

(see HIV/AIDS)

AIR QUALITY

(see also Pollutants)

Lisa Brosseau
Jeffrey Mandel
Gurumurthy Ramachandran
Peter Raynor
Matt Simcik

ALCOHOL

Sonya Brady
Darin Erickson
Eileen Harwood
Rhonda Jones-Webb
Toben Nelson
Traci Toomey

ALTERNATIVE ADMINISTRATIVE EDUCATION

Vernon Weckwerth

ALTERNATIVE MEDICINE/BOTANICALS

Judy Garrard
Lisa Harnack
Pam Shreiner

ANTIBIOTIC RESISTANCE

Michael Osterholm
Randall Singer

ASSISTED LIVING

(see Aging)

ASTHMA

(see Lung Health)

BAYESIAN ANALYSIS

Sudipto Banerjee
Brad Carlin
Andrew Mugglin
Cavan Reilly

BEHAVIOR AND HEALTH

Sonya Brady
John Finnegan
Simone French
Eileen Harwood
Keith Horvath
Robert Jeffery
Jennifer Linde
Russell Luepker
Leslie Lytle
Toben Nelson
Joän Patterson
Simon Rosser
Nancy Sherwood

BIOLOGICAL SAFETY

Lisa Brosseau
Ian Greaves
Jeffrey Kahn
Peter Raynor

BIOINFORMATICS

John Connett
Na (Michael) Li
Wei Pan
Cavan Reilly

BIOSECURITY

(see Food Safety)

BIOTERRORISM/PUBLIC HEALTH PREPAREDNESS/PUBLIC HEALTH TRAINING

Paul Allwood
Craig Hedberg
Aggie Leitheiser
Debra Olson
Michael Osterholm
Peter Raynor

CANCER

Bruce Alexander
Kristin Anderson
Tim Church
Lynn Eberly
Andrew Flood
Robert Jeffery
Shalini Kulasingam
Karen Kuntz
DeAnn Lazovich
Xianghua Luo
Heather Nelson
Lisa Peterson
Gurumurthy Ramachandran
Kim Robien

William Toscano
Beth Virnig
Elizabeth Wattenberg
Jian-Min Yaun

CARDIOVASCULAR/HEART DISEASE

Alvaro Alonso
Richard Crow
Aaron Folsom
David Jacobs
Robert Jeffery
Na (Michael) Li
Russell Luepker
Jim Neaton
James Pankow
Mark Pereira
Pamela Schreiner
Lyn Steffen
Weihong Tang

CAUSAL INFERENCE

Tim Church
George Maldonado
Michael Oakes

CHEMICALS

(see Pollutants)

CHILD HEALTH

(see Adolescent Health)

CHRONIC DISEASE

Robert Kane
Karen Kuntz
Russell Luepker

CLINICAL RESEARCH

Russell Luepker

CLINICAL TRIALS

Tim Church
John Connett
Patricia Grambsch
Hongfei Guo
Jim Hodges
Chap Le
Xianghua Luo
Andrew Mugglin
Jim Neaton
Kyle Rudser
Wei Pan
William Thomas

COMMUNICATION AND HEALTH

John Finnegan

COMMUNITY INTERVENTIONS

Lisa Brosseau
Darin Erickson
John Finnegan
Jean Forster
Robert Jeffery
Rhonda Jones-Webb
Russell Luepker
Toben Nelson
Joân Patterson
Traci Toomey

COMPUTATIONAL BIOLOGY

FUNCTIONAL GENOMICS, PROTEOMICS, STATISTICAL GENETICS

John Connett
Wei Pan
Cavan Reilly
Baolin Wu

CORRELATED OUTCOMES

Lynn Eberly
Darin Erickson
Hongfei Guo
Na (Michael) Li
Wei Pan
Kyle Rudser

CUSTOMER SATISFACTION

Leslie Grant

DATA COLLECTION AND MANAGEMENT

John Connett
Michael Davern
Eileen Harwood
Jim Neaton
Kyle Rudser

DECISION ANALYSIS

Brad Carlin
Karen Kuntz
Gurumurthy Ramachandran
François Sainfort

DENTAL PUBLIC HEALTH

Jim Hodges
David Jacobs

DIABETES

Susan Duval
David Jacobs
Robert Jeffery
Marshall McBean
Jim Neaton
James Pankow
Mark Pereira
Pamela Schreiner
John Sirard
Lyn Steffen
Weihong Tang

DIET/EATING DISORDERS/NUTRITION/OBESITY/SCHOOL NUTRITION

Simone French
Lisa Harnack
John Himes
Robert Jeffery
Bea Krinke
Jennifer Linde
Leslie Lytle
Melissa Nelson
Toben Nelson
Dianne-Neumark Sztainer
Mark Pereira
Kim Robien
John Sirard
Jamie Stang
Lyn Steffen
Mary Story

DISABILITY

Robert Kane
Rosalie Kane
William Lohman

DISEASE CLUSTERS

George Maldonado

DISEASE SURVEILLANCE

Alan Lifson
Jim Neaton
Michael Osterholm
Simon Rosser

E-PUBLIC HEALTH

Sonya Brady
Keith Horvath
Simon Rosser

EATING DISORDERS

(see Diet)

END-OF-LIFE CARE

(see Aging)

ENVIRONMENTAL HEALTH

(see Air Quality, Pollutants, and Water Quality)

ENVIRONMENTAL MICROBIOLOGYPaul Allwood
Craig Hedberg
Peter Raynor**EPIDEMIC**

(see Infectious Diseases)

EPIDEMIOLOGY*of addiction*

Harry Lando

*of cancer*Kristin Anderson
Andrew Flood
DeAnn Lazovich
Chap Le
Heather Nelson
Les Robison
Jian-Min Yuan*of cardiovascular disease*Alvaro Alonso
Aaron Folsom
David Jacobs
Russell Luepker
Jim Neaton
James Pankow
Pamela Schreiner
Lyn Steffen
Weihong Tang*of HIV/AIDS*Keith Horvath
Alan Lifson
Jim Neaton
Simon Rosser*of infectious disease*Shalini Kulasingam
Claudia Muñoz-Zanzi
Michael Osterholm*of influenza/avian influenza*

Michael Osterholm

*methods*Tim Church
Susan Duval
Darin Erickson
George Maldonado**EVALUATION**Judy Garrard
Eileen Harwood
Toben Nelson**EVIDENCE-BASED HEALTH PRACTICE/MANAGEMENT**Judy Garrard
Leslie Grant
Gordon Mosser*diet and*Simone French
John Himes
David Jacobs
Robert Jeffery
Leslie Lytle*occupational and environmental*Bruce Alexander
Lisa Brosseau
Tim Church
Susan Gerberich
William Lohman
Jeffrey Mandel
George Maldonado**EXERCISE PHYSIOLOGY**

Richard Crow

FAMILY CAREGIVINGRosalie Kane
Joân Patterson**FAMILY LEAVE POLICY**

Patricia McGovern

FAST FOOD

(see Diet)

**FOOD SAFETY AND BIOSECURITY/
WATER SUPPLY SAFETY**Paul Allwood
Craig Hedberg
George Maldonado
Michael Osterholm**GENETIC EPIDEMIOLOGY**Na (Michael) Li
Jim Neaton
Heather Nelson
James Pankow**GENETICS/GENOMICS**

(see Computational Biology)

GEOGRAPHIC INFORMATION SYSTEMSBrad Carlin
George Maldonado
Melanie Wall**GERIATRICS**

(see Aging)

GLBT HEALTH

Simon Rosser

GLOBAL/INTERNATIONAL HEALTHBruce Alexander
Ian Greaves
James Hart
John Himes
Harry Lando
Alan Lifson
Marshall McBean
Jim Neaton
Ruby Nguyen
Gurumurthy Ramachandran
Leigh Turner
Vern Weckwerth**HAZARDOUS MATERIALS**

(see Pollutants)

HEALTH CARE*access*Lynn Blewett
Kathleen Thiede Call
Michael Davern
Charles Oberg
Leigh Turner*administration*James Begun
Sandy Pott Hoff
William Riley
Douglas Wholey*competition*Jon Christianson
Bryan Dowd
Roger Feldman
John Nyman
Robert Town
Douglas Wholey

cost effectiveness analysis

Shalini Kulasingam
Karen Kuntz
John Nyman

data

Michael Davern
Marshall McBean
François Sainfort
Beth Virnig

delivery

Lynn Blewett
Bryan Dowd
Sandy Potthoff
William Riley
François Sainfort

economics

Jean Abraham
Lynn Blewett
Bryan Dowd
Roger Feldman
Pinar Karaca-Mandic
Jeffrey McCullough
John Nyman
Robert Town

financing and reimbursement

Lynn Blewett
Jon Christianson
Jeffrey McCullough

health insurance

Lynn Blewett
Kathleen Thiede Call
Jon Christianson
Bryan Dowd
Roger Feldman
Pinar Karaca-Mandic
John Nyman

HEALTH DISPARITIES

Sonya Brady
Kathleen Thiede Call
Lynn Eberly
Hongfei Guo
Eileen Harwood

Wendy Hellerstedt
Keith Horvath
Rhonda Jones-Webb
Karen Kuntz
Ruby Nguyen
Charles Oberg
Simon Rosser

community-based participatory research

Kathleen Thiede Call
Jean Forster
Donna McAlpine

minority health/race, ethnicity, class and health

Kathleen Thiede Call
Rhonda Jones-Webb

sexual minorities

Simon Rosser

HEALTH INFORMATICS

Julie Jacko
Wei Pan
François Sainfort
Beth Virnig
Douglas Wholey

HEALTH INSURANCE

(see Health Care)

HEALTH OUTCOMES

(see Outcomes, Health)

HEALTH POLITICS

Susan Foote
Jean Forster

HEALTH POLICY

health care reform
Bryan Dowd
Roger Feldman
Susan Foote

James Hart
Pinar Karaca-Mandic
Ira Moscovice
William Riley
Robert Town
Leigh Turner

Medicare reform

Lynn Blewett
Susan Foote

medical education and research

Lynn Blewett
William Riley

nutrition

Simone French
Robert Jeffery

occupational and environmental

John Adgate
Pat McGovern
Gurumurthy Ramachandran

public health policy

Lynn Blewett
Kathleen Thiede Call
Roger Feldman
Susan Foote
Leigh Turner

state health policy

Lynn Blewett
Michael Davern

HEALTH PROMOTION

Sonya Brady
Richard Crow
John Finnegan
Jean Forster
Simone French
James Hart
Robert Jeffery
DeAnn Lazovich
Russell Luepker
Leslie Lytle
Nancy Sherwood

HEART DISEASE

(see Cardiovascular Disease)

HIV/AIDS

Keith Horvath
Alan Lifson
Jim Neaton
Simon Rosser

HMOS

William Riley
Douglas Wholey

HMO-HOSPITAL MERGERS

Roger Feldman
Robert Town

managed care

Bryan Dowd
Roger Feldman
Robert Town
Douglas Wholey

management

James Begun
Sandy Potthoff
William Riley
Douglas Wholey

MinnesotaCare

Lynn Blewett
Kathleen Thiede Call

INDUSTRIAL HYGIENE AND SAFETY

Lisa Brosseau
Gurumurthy Ramachandran
Peter Raynor

INFANT MORTALITY

Wendy Hellerstedt
Ruby Nguyen

INFECTIOUS DISEASES

Lisa Brosseau
 Craig Hedberg
 Alan Lifson
 Marshall McBean
 Jim Neaton
 Michael Osterholm
 Randall Singer

HIV/AIDS

Alan Lifson
 Jim Neaton
 Simon Rosser

influenza (including pandemic)

Michael Osterholm

sexually transmitted diseases

Keith Horvath
 Alan Lifson
 Shalini Kulasingam
 Simon Rosser

INJURIES/INJURY PREVENTION

Bruce Alexander
 Susan Gerberich
 Patricia McGovern
 Nancy Nachreiner
 Toben Nelson
 Debra Olson
 Pinar Karaca-Mandic
 Traci Toomey

INTERNATIONAL HEALTH

(see Global Health)

LONGITUDINAL STUDIES

Brad Carlin
 Lynn Eberly
 Darin Erickson
 Kyle Rudser

LONG-TERM CARE

(see Aging)

LUNG HEALTH

Lisa Brosseau
 John Connett
 Ian Greaves
 Karen Kuntz
 William Lohman
 Jeffrey Mandel
 Gurumurthy Ramachandran
 Peter Raynor

MACHINE LEARNING

Baolin Wu

MARKOVIAN SYSTEMS ANALYSIS

Sudipto Banerjee

MATERNAL HEALTH

(see Women's Health)

MEDICAL IMAGING

Tim Church
 Lynn Eberly

MEDICAID/MEDICARE

Lynn Blewett
 Kathleen Thiede Call
 Bryan Dowd
 Roger Feldman
 Susan Foote
 Robert Kane
 Rosalie Kane
 Marshall McBean
 Beth Virnig

MENTAL HEALTH

Sonya Brady
 Donna McAlpine
 Joân Patterson
 Simon Rosser

META-ANALYSIS

Susan Duval

NEUROLOGICAL DISORDERS

Alvaro Alonso

NICOTINE

(see Tobacco)

NURSING FACILITIES

Leslie Grant

NUTRITION

(see Diet)

OBESITY

(see Diet)

OCCUPATIONAL HEALTH AND SAFETY

Bruce Alexander
 Lisa Brosseau
 Susan Gerberich
 Deborah Hennrikus
 Robert Jeffery
 William Lohman
 Jeffrey Mandel
 Patricia McGovern
 Nancy Nachreiner
 Debra Olson
 Gurumurthy Ramachandran
 Peter Raynor

OCCUPATIONAL AND ORGANIZATIONAL SOCIOLOGY

Eileen Harwood
 Douglas Wholey

OSTEOPOROSIS

Simone French
 John Himes
 Dianne Neumark-Sztainer

Pamela Schreiner
 Mary Story

OUTCOMES, HEALTH/ OUTCOME MEASURES

Brad Carlin
 Judy Garrard
 Robert Kane
 Rosalie Kane
 Russell Luepker
 Todd Rockwood
 François Sainfort
 Robert Town

PANDEMIC

(see Infectious Diseases)

PHYSICAL ACTIVITY

Richard Crow
 Simone French
 Robert Jeffery
 Toben Nelson
 Dianne Neumark-Sztainer
 Mark Pereira
 John Sirard

PHYSICIAN BEHAVIOR

François Sainfort
 Robert Town

POLLUTANTS/CHEMICALS/ HAZARDOUS MATERIALS/TOXINS

(see also Air Quality and Water Quality)

Lisa Brosseau
 Ian Greaves
 William Lohman
 Jeffrey Mandel
 Gurumurthy Ramachandran
 Peter Raynor
 Deb Swackhamer
 William Toscano
 Elizabeth Wattenberg

lead

John Adgate
Bruce Alexander
Lisa Brosseau
Ian Greaves

PCBs

Matt Simcik
Deb Swackhamer
William Toscano

pesticide exposure

John Adgate
Bruce Alexander

PREGNANCY

(see Women's Health)

PREPAREDNESS

(see Bioterrorism)

PREVENTIVE MEDICINE

Aaron Folsom
Russell Luepker

PROGRAM EVALUATION

(See Evaluation)

PUBLIC HEALTH EDUCATION

John Finnegan
Deb Olson

PUBLIC HEALTH INTERNET-BASED INTERVENTIONS

Keith Horvath
Simon Rosser

PUBLIC HEALTH PROGRAMS MANAGEMENT

Aggie Leitheiser

QUALITY IMPROVEMENT

Leslie Grant
Gordon Mosser

QUALITY OF CARE

Robert Kane
Rosalie Kane
Marshall McBean
Sandy Potthoff
François Sainfort
Robert Town

RECURRENT EVENT OUTCOMES

Xianghua Luo

REPRODUCTIVE HEALTH

(see Women's Health)

RESPIRATORY HEALTH

(see Lung Health)

RISK ASSESSMENT

John Adgate
Brad Carlin
Gurumurthy Ramachandran
Deb Swackhamer
William Toscano
Elizabeth Wattenberg

RURAL HEALTH

Ira Moscovice

SCREENING

Aaron Folsom
David Jacobs
DeAnn Lazovich
Russell Luepker
Pamela Schreiner

of cancer

Tim Church
Shalini Kulasingam
Karen Kuntz
DeAnn Lazovich

of cardiovascular disease

Tim Church
Susan Duval
Aaron Folsom
David Jacobs
DeAnn Lazovich
Russell Luepker
Pamela Schreiner
Lyn Steffen

SEXUAL HEALTH

Sonya Brady
Ruby Nguyen
Simon Rosser

SMOKING

(see Tobacco)

SOCIAL EPIDEMIOLOGY

Michael Oakes

medical

James Begun
Kathleen Thiede Call
Donna McAlpine

methods

Kathleen Thiede Call

organizations

James Begun
Douglas Wholey

social networks

Michael Davern
Douglas Wholey

SPATIAL AND GEOGRAPHIC ANALYSIS

Sudipto Banerjee
Brad Carlin
Cavan Reilly
Melanie Wall

STATISTICAL MODELING

Sudipto Banerjee
Brad Carlin
Lynn Eberly
Hongfei Guo
Na (Michael) Li
Xianghua Luo
George Maldonado
Wei Pan
Cavan Reilly
Melanie Wall

STUDY DESIGN/ANALYSIS

Bruce Alexander
Susan Duval
Hongfei Guo
Chap Le
George Maldonado
Jim Neaton
Michael Oakes
Wei Pan
Kyle Rudser

SURVEY DESIGN/RESEARCH

Kathleen Thiede Call
Michael Davern
Susan Gerberich
Eileen Harwood
Ira Moscovice
Michael Oakes
Cavan Reilly
Simon Rosser
Todd Rockwood

TANNING, INDOOR

Jean Forster
DeAnn Lazovich

TEEN HEALTH

(see Adolescent Health)

TOBACCO

Sonya Brady
Jean Forster
Eileen Harwood
Deb Henrikus
Robert Jeffery
Harry Lando
DeAnn Lazovich
Chap Le
Xianghua Luo

TOXINS

(see Pollutants)

**UNDERSERVED AND
DISADVANTAGED POPULATIONS**

(see Health Disparities)

UNINSURED/UNDERINSURED

(see Health Care)

VACCINES

Shalini Kulasingam
Michael Osterholm

VECTORBORNE DISEASES

Craig Hedberg

VENTILATION

Lisa Brosseau
Ian Greaves
Gurumurthy Ramachandran
Peter Raynor

VIOLENCE

Sonya Brady
Susan Gerberich
Patricia McGovern
Nancy Nachreiner
Traci Toomey

WATER QUALITY

(see also Pollutants)

Matt Simcik
Deborah Swackhamer
William Toscano

WOMEN'S/MATERNAL HEALTH

Bernard Harlow
Eileen Harwood
Wendy Hellerstedt
Shalini Kulasingam
Ruby Nguyen
Joán Patterson
Jamie Stang

exercise, nutrition, osteoporosis

Simone French
Nancy Sherwood
Jamie Stang

infertility (women and men)

Ruby Nguyen

menopause

Bernard Harlow
Pamela Schreiner

postpartum health

Wendy Hellerstedt
Patricia McGovern
Ruby Nguyen

teen pregnancy

Wendy Hellerstedt

ZOOZOSES

Claudia Muñoz-Zanzi
Randall Singer

OUR EXPERTS**JOHN R. FINNEGAN, JR., Ph.D.**

**Assistant Vice President for Public Health
Dean, School of Public Health
Professor**

(612) 625-1179 finne001@umn.edu

Expertise: mass communication and public health; health communication; public health campaigns and community interventions; social and behavioral science applications in public health

Bio: John Finnegan received his Ph.D. in mass communication from the University of Minnesota. His research and teaching interests focus on the intersection of public health and the social and behavioral sciences, media communication, and community health promotion. As Dean, he represents the School of Public Health locally, nationally, and internationally in matters of public health research, teaching, and outreach.



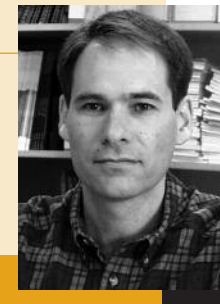
(612) 625-4375
abrah042@umn.edu

JEAN ABRAHAM, Ph.D.

Assistant Professor
Division of Health Policy and Management

Expertise: health economics

Bio: Jean Abraham received her Ph.D. in public policy analysis and management from Carnegie-Mellon University. Her research specialties include health economics and policy, industrial organization, and applied econometrics. Her current research interests include household decision-making with respect to employer-based health insurance, welfare analysis of health care choice, employer health benefit design, and hospital market competition issues.



(612) 625-7934
balex@umn.edu

BRUCE H. ALEXANDER, Ph.D.

Associate Professor
Division of Environmental Health Sciences

Expertise: occupational and environmental epidemiology; environmental determinants of injury, cancer, respiratory health, reproductive health; global health; application of biological markers in epidemiological research; exposure models for occupational and environmental epidemiology

Bio: Bruce Alexander earned an M.S. in environmental health from Colorado State University and a Ph.D. in epidemiology from the University of Washington. Dr. Alexander's expertise and scholarly interests are in the epidemiology of health effects due to chemical and physical hazards encountered in the environment, and the longer-term consequences of occupational and environmental disease and injury that are relevant to local, national, and global populations.



(612) 624-2601
jadgate@umn.edu

JOHN ADGATE, Ph.D.

Associate Professor
Division of Environmental Health Sciences

Expertise: exposure and risk assessment; environmental health policy

Bio: John Adgate received his Ph.D. in environmental health from a joint program at the University of Medicine and Dentistry of New Jersey and Rutgers University. He is an expert in exposure assessment and children's environmental health. His research focuses on exposure assessment of air pollutants, pesticides, and allergens as well as the use of science in risk assessment.

PAUL ALLWOOD, Ph.D., M.P.H.

Assistant Professor
Division of Environmental Health Sciences

Expertise: public health practice, food safety regulation, environmental microbiology

Bio: Paul Allwood heads the Public and Occupational Health division of the University of Minnesota's Department of Environmental Health and Safety. He directs the activities that protect faculty, staff, and students at the University of Minnesota from public and occupational health hazards. He has extensive academic and professional training in environmental health, including 12 years as a food safety regulatory expert and epidemiologist in government. His current research interests include efforts to optimize environmental health inspections by providing inspectors with sensitive, reliable, and cost-effective tools for identifying hazards. He received his Ph.D. in environmental health sciences from the University of Minnesota. He teaches issues in environmental and occupational health.



(651) 201-4511
allw0001@umn.edu



ALVARO ALONSO, M.D., Ph.D.

Assistant Professor
Division of Epidemiology and Community Health

Expertise: epidemiology of cardiovascular and neurological diseases.

Bio: Alvaro Alonso earned his M.D. and Ph.D. in epidemiology at the University of Navarra, Spain. His research interests lie in the epidemiology of cardiovascular and neurological diseases, particularly arterial hypertension, multiple sclerosis, Parkinson's disease, and amyotrophic lateral sclerosis.

(612) 626-8597
 alonso@umn.edu



KRISTIN ANDERSON, Ph.D., M.P.H.

Associate Professor
Distinguished Teaching Professor
Division of Epidemiology and Community Health

Expertise: cancer etiology and laboratory-based cancer epidemiology

Bio: Kristin Anderson received her Ph.D. in oncology at the University of Wisconsin's McArdle Laboratory for Cancer Research. She did postdoctoral work at the Institute of Cancer Research in London, and received an M.P.H. at the University of Minnesota. Her primary interest is in cancer etiology with an emphasis on laboratory-based cancer epidemiology. Professor Anderson's current research includes pancreatic, cervical, breast, and lung cancers. She teaches fundamentals of epidemiology and cancer epidemiology.

(612) 626-8568
 ander116@umn.edu



SUDIPTO BANERJEE, Ph.D.

Associate Professor
Division of Biostatistics

Expertise: modeling spatial data with emphasis on misalignment; modeling spatial interactions; investigation of smoothness properties of odds for misaligned datasets

Bio: SUDIPTO Banerjee received a Ph.D. and an M.S. in statistics from the University of Connecticut. His current interests include hierarchical modeling of data arising from spatial processes, interpolation and prediction (kriging) methods, and smoothness of spatial processes. Dr. Banerjee is also interested in modeling geographically referenced survival data. He is collaborating with plant geneticists, as well as researchers in epidemiology and environmental and occupational health, in designing and analyzing studies in such fields. Dr. Banerjee's current research involves Bayesian Wombling methods that model stochastic gradients using GIS and formal statistics.

(612) 624-0624
 baner009@umn.edu

SAONLI BASU, Ph.D.

Assistant Professor
Division of Biostatistics

Expertise: developing methods for genetic mapping of complex traits using large complex pedigrees, association studies, computational statistics, nonparametric inferences

Bio: Saonli Basu has research interests in the development of methods for inference from human genome data. Her primary focus is developing methods for linkage analysis using large complex pedigrees. Her areas of interest also include computational statistics and nonparametric inferences.



(612) 624-2135
 saonli@umn.edu



(612) 624-9319
begun001@umn.edu

JAMES W. BEGUN, Ph.D.

**James A. Hamilton Professor of Healthcare Management
Division of Health Policy and Management**

Expertise: healthcare organization leadership, evolution of the nursing profession, strategic planning in healthcare organizations

Bio: Jim Begun received his Ph.D. in sociology from the University of North Carolina. His research specialties include applications of complexity science, evolution of health care professions, and the structure and strategy of health care organizations. He has served as chair of the Accrediting Commission on Education in Health Services Administration and was awarded the Gary L. Fierman Prize for Innovation in Healthcare Management Education in 2008. Dr. Begun teaches healthcare organization leadership and management.



(612) 625-9142
berge319@umn.edu

TRACY L. BERGEMANN, Ph.D.

**Assistant Professor
Division of Biostatistics**

Expertise: image analysis, methods to analyze microarray data, genetic epidemiology, bioinformatics

Bio: Tracy Bergemann has worked with Affymetrix and custom-made microarray data. She has developed models to perform image analysis and estimate signal quality from cDNA microarray platforms. This was for her dissertation work completed in 2004 at the University of Washington Department of Biostatistics. Further research interests include models for joint estimation of haplotype frequencies, and association with disease outcomes in human populations. Collaborations of interest are with members of the University of Minnesota Cancer Center, particularly studying genotype and expression data from cancer patients.



(612) 626-4739
blewe001@umn.edu

LYNN A. BLEWETT, Ph.D., M.A.

**Associate Professor
Division of Health Policy and Management**

Expertise: health care policy and analysis, finance and delivery, access to care

Bio: Lynn Blewett received her master's degree in public affairs from the Humphrey Institute and her Ph.D. in health services research and policy from the University of Minnesota. She is principal investigator of the State Health Access Data Assistance Center (SHADAC), a large multi-year project funded by the Robert Wood Johnson Foundation. SHADAC supports state efforts to monitor and evaluate programs to increase health insurance coverage and the use of data to inform health policy. Other research interests include disparities in access and health care, and financing of graduate medical education. Dr. Blewett teaches U.S. Health Care Systems and Public Health and International Health Systems.



(612) 626-4026
ssbrady@umn.edu

SONYA BRADY, Ph.D.

**Assistant Professor
Division of Epidemiology and Community Health**

Expertise: health risk behavior during adolescence and young adulthood, developmental influences on risk-taking, mechanisms linking stressful life circumstances to health risk behavior and factors promoting resiliency, promotion of health protective behavior, public policies affecting adolescent health

Bio: Sonya Brady received her Ph.D. in clinical psychology and health psychology from the University of Pittsburgh. Dr. Brady's program of research examines how normative developmental experiences and stressful life experiences influence health risk behavior among youth, and how individual and environmental characteristics promote health protective behavior. Dr. Brady is interested in the design of prevention and intervention programs that address different psychosocial motivations adolescents have to engage in health risk behavior.



(612) 624-3143
brosseau@umn.edu

LISA BROSSEAU, Sc.D., M.S.

Associate Professor
Division of Environmental Health Sciences

Expertise: biological aerosols, infectious aerosols, respiratory protection, employee health and safety in small businesses, intervention effectiveness studies

Bio: Lisa Brosseau is an industrial hygienist whose primary interests are in the areas of controlling infectious aerosols and assisting small businesses with workplace health and safety. She received her master's and doctorate in industrial hygiene from the Harvard School of Public Health. Her current research projects focus on testing the effectiveness of health and safety interventions in small metalworking shops, and developing and testing the effectiveness of a health and safety newsletter in small manufacturing businesses. Dr. Brosseau is deputy director of the Midwest Center for Occupational Safety and Health, a NIOSH-supported training grant. She teaches courses in industrial hygiene applications and hazardous materials and waste management.



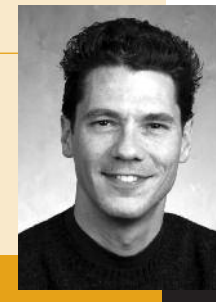
(612) 624-3922
callx001@umn.edu

KATHLEEN THIEDE CALL, Ph.D.

Associate Professor
Director of Graduate Studies for Health Services Research, Policy, and Administration (M.S. and Ph.D.)
Division of Health Policy and Management

Expertise: sociology, access to care and health insurance, health policy

Bio: Kathleen Thiede Call has research in two related areas. The first is access to health insurance coverage and health care services among vulnerable populations: low-income, young, elderly, racial and ethnic communities, chronically ill, and rural populations. She helped create a survey of health insurance coverage for use by states and has developed a stream of research concerning the complexities of measuring health insurance coverage. Dr. Call is an investigator at the State Health Access Data Assistance Center (SHADAC), funded by the Robert Wood Johnson Foundation. The second area of research Dr. Call is developing is community-based participatory research focusing on barriers to health care.



(612) 624-6646
carli002@umn.edu

BRADLEY P. CARLIN, Ph.D.

Mayo Professor in Public Health
Division of Biostatistics

Expertise: statistical applications in AIDS research, clinical trial monitoring, longitudinal studies, spatial and spatiotemporal disease mapping, Bayes and empirical Bayes methodology

Bio: Brad Carlin earned his Ph.D. at the University of Connecticut. His teaching experience and interests include spatial epidemiology, statistical computing, spatial statistics, and Bayes and empirical Bayes methods and data analysis. Dr. Carlin's research interests include statistical applications in AIDS research, clinical trial monitoring, longitudinal studies, and spatial and spatio-temporal disease mapping. He also conducts geographical analysis by analyzing public health data that are geographically indexed. He is a fellow of the American Statistical Association and the 2000 winner of American Public Health Association's Mortimer Spiegelman Award.

JON CHRISTIANSON, Ph.D.

James A. Hamilton Chair in Health Policy and Management
Professor
Division of Health Policy and Management

Expertise: evaluation of treatment processes, competition and competitive health care markets, health insurance, financial incentives in health care

Bio: Jon Christianson holds the James A. Hamilton Chair in Health Management in the Health Policy and Management. His research specialties include evaluation of treatment processes, competition and competitive health care markets, health insurance, and financial incentives in health care. His current research interests include the development of new consumer-directed health plans, employer strategies for purchasing health care, implementation of evidence-based treatment processes in health care organizations, and tracking change in health care markets.



(612) 625-3849
chris001@umn.edu



(612) 626-1494
churc001@umn.edu

TIM CHURCH, Ph.D., M.S.

Professor
Division of Environmental Health Sciences

Expertise: design and analysis of screening and prevention studies in cancer and cardiovascular disease; model uncertainty and mathematical representations of causal models

Bio: Tim Church earned an M.S. and Ph.D. from the University of Minnesota. He conducts research on mass screening for cancer and other chronic diseases, and identification and treatment of cardiac arrhythmia with implantable devices. He is currently conducting the National Lung Screening Trial; the Prostate, Lung, Ovarian, and Prostate Cancer Screening Trial; the pilot study for the National Colonoscopy Trial; a study of risk factors for prostate cancer; two trials of chemoprevention of polyps; a study of familial colon cancer; and a study of colorectal cancer screening promotion. He teaches Occupational Epidemiology and a doctoral seminar on causal inference.



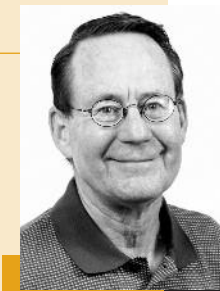
(612) 626-9010
john-c@umn.edu

JOHN CONNETT, Ph.D.

Division Head for Biostatistics
Professor
Division of Biostatistics

Expertise: clinical trials in cardiovascular disease, ophthalmology, and pulmonary disease; case-control studies; estimation of odds ratio; random effects models; coefficient-of-variation models for laboratory data; statistical computing

Bio: John Connett has research interests in clinical trials in pulmonary disease, smoking, ophthalmology, and cardiovascular disease; case-control studies; estimation of odds ratio; random effects models; coefficient-of-variation models for laboratory data; and statistical computing.



(612) 626-9678
crowx0001@umn.edu

RICHARD CROW, M.D.

Professor
Division of Epidemiology and Community Health

Expertise: physiology, exercise physiology, electrocardiography

Bio: Richard Crow includes among his teaching and research interests, exercise physiology, exercise testing and training, cardiac rehabilitation, clinical and epidemiologic aspects of electrocardiography, strategies for promoting physical activity, quality control and methods, and clinical trials.

MICHAEL DAVERN, M.A., Ph.D.

Assistant Professor
Division of Health Policy and Management

Expertise: survey methodology, Census Bureau data, demographic data, health policy analysis, social networks, survey sampling, health insurance coverage

Bio: Michael Davern is research director and co-principal investigator of the State Health Access Data Assistance Center (SHADAC). His research expertise is in survey methods and demographic health data, and in applying these to inform health policy. His survey methods research includes work in non-response, measurement error, imputation, sampling error estimation, weighting, and production of federal survey data, as well as other survey data. In addition to his Census Bureau data products expertise, he also works with data from the National Center for Health Statistics' (NCHS) and the Agency for Healthcare Research and Quality's Medical Expenditure Panel Survey (MEPS).



(612) 625-4835
daver004@umn.edu



ELLEN DEMERATH, Ph.D.

Associate Professor
Division of Epidemiology and Community Health

Expertise: cardiovascular disease epidemiology; body composition and obesity assessment; developmental determinants of cardiovascular disease risk; lifecourse epidemiology; genetic epidemiology of obesity, diabetes, and coronary heart disease; biomarkers of biological senescence

Bio: Ellen Demerath received her M.S. and Ph.D. from the University of Pennsylvania. Her research interests include the developmental origins of chronic disease, with an emphasis on obesity, body composition, and cardiovascular disease risk factors in infancy and childhood.

(612) 626-8231
 ewd@umn.edu



BRYAN DOWD, Ph.D.

Mayo Professor in Public Health
Division of Health Policy and Management

Expertise: health economics, policy analysis, econometrics

Bio: Bryan Dowd received his Ph.D. in policy analysis from the University of Pennsylvania. He specializes in economic and statistical modeling, and data analysis. His research focuses on the financing and delivery of health insurance, and health care services. He teaches health services research methods.

(612) 624-5468
 dowdx001@umn.edu

SUSAN DUVAL, Ph.D.

Assistant Professor
Division of Epidemiology and Community Health

Expertise: cardiovascular and diabetes epidemiology, biostatistical methods, meta-analysis, publication bias, statistical consulting

Bio: Susan Duval received her Ph.D. in biostatistics from the University of Colorado Health Sciences Center after completing her undergraduate studies at the Flinders University of South Australia. Her research interests are in cardiovascular disease and diabetes epidemiology, and biostatistics, in particular meta-analysis methodology and its applications. She teaches Epidemiology III.



(612) 624-3392
 duval002@umn.edu

LYNN EBERLY, Ph.D.

Associate Professor
Major Chair in Biostatistics
Division of Biostatistics

Expertise: methods for correlated data, including time-to-event, clustered, and longitudinal data; medical imaging studies, clinical/intervention trials; environmental exposure studies; pharmacoepidemiology; related applications.

Bio: Lynn Eberly earned her Ph.D. in statistics from Cornell University. Her research interests involve methods for correlated data, including time-to-event, clustered, and longitudinal data. She holds particular interest in medical imaging, clinical/intervention trials, environmental exposure studies, pharmacoepidemiology, and related applications. She was a visiting scholar at the Johns Hopkins University Bloomberg School of Public Health during 2006–2007 in the Department of Biostatistics. Dr. Eberly is director of the Multiple Risk Factor Intervention Trial (MRFIT) Coordinating Center.



(612) 624-1436
 eberl003@umn.edu



DARIN ERICKSON, Ph.D.

Assistant Professor
Division of Epidemiology and Community Health

Expertise: alcohol prevention, behavioral methodology, longitudinal analysis

Bio: Darin Erickson received his Ph.D. in social psychology at the University of Missouri-Columbia. His research interests include prevention of alcohol-related problems, behavioral methodology, analysis of longitudinal and multilevel data, and structural equation modeling.

(612) 626-0516
 erick232@umn.edu



ANDREW FLOOD, Ph.D.

Assistant Professor
Division of Epidemiology and Community Health

Expertise: nutritional epidemiology, cancer epidemiology with emphasis on colorectal cancer, insulin resistance, IGFs and their binding proteins

Bio: Andrew Flood earned a Ph.D. in nutritional sciences from Cornell University. His research interests include nutritional epidemiology, cancer epidemiology with emphasis on colorectal cancer, insulin resistance, and IGFs and their binding proteins. He teaches Epidemiology I.

(612) 624-2891
 flood009@umn.edu



ROGER FELDMAN, Ph.D.

Blue Cross Professor in Health Insurance
Division of Health Policy and Management

Expertise: health economics

Bio: Roger Feldman received his Ph.D. in economics from the University of Rochester. He specializes in applying economic theory to health services research. Dr. Feldman is a regular contributor and referee of articles in major professional journals, and serves as consultant to national agencies such as the U.S. Department of Health and Human Services and the Congressional Budget Office. In 1984–1985, he served as senior staff economist for health policy and economics on the President’s Council of Economic Advisors. From 1988 to 1992, he directed the HCFA Research Center funded by the Health Care Financing Administration. He teaches advanced health economics.

(612) 624-5669
 feldm002@umn.edu



AARON FOLSOM, M.D., M.P.H.

Professor
Division of Epidemiology and Community Health

Expertise: cardiovascular epidemiology, preventive medicine

Bio: Aaron Folsom received his M.D. from Ohio State University and his M.P.H. from the University of Michigan. His general research and teaching interests include cardiovascular epidemiology and preventive medicine. Specific interests include time trends in cardiovascular disease and determinants of cardiovascular disease risk factors in populations.

(612) 626-8862
 folso001@umn.edu



(612) 626-2851
foote003@umn.edu

SUSAN BARTLETT FOOTE, J.D., M.A.

Professor
Division of Health Policy and Management

Expertise: health policy and politics, medical technology policy, health law, Medicare, administrative regulation

Bio: Susan Bartlett Foote earned an M.A. at Case Western Reserve University and a J.D. from Boalt Hall School of Law, University of California-Berkeley. She was an associate professor at the Haas School of Business, UC-Berkeley, from 1982 to 1993. In 1990, she served as a Robert Wood Johnson Foundation Health Policy Fellow and subsequently as Senior Health Policy Analyst in the office of U.S. Senator Dave Durenberger. She also served as president of a health consulting firm in Washington D.C. She is the author of *Managing the Medical Arms Race*. She is co-director of the Medical Technology Leadership Forum. She also serves on the board of directors of a research institute, a major hospital system, and two medical device companies.



(612) 626-8594
frenc001@umn.edu

SIMONE FRENCH, Ph.D.

Professor
Division of Epidemiology and Community Health

Expertise: adolescent nutrition, obesity prevention, community nutrition, physical activity behavior intervention and evaluation

Bio: Simone French earned a Ph.D. in psychology at the University of Minnesota. Her primary research interests are adolescent nutrition and physical activity, environmental interventions for eating behavior change, and obesity prevention. Dr. French is the associate director of the University of Minnesota Obesity Prevention Center, and she teaches Obesity and Eating Disorders.



(612) 626-8864
forst001@umn.edu

JEAN FORSTER, Ph.D., M.P.H.

Professor
Division of Epidemiology and Community Health

Expertise: prevention policy, community and environmental strategies to reduce chronic disease risk

Bio: Jean Forster has research interests in chronic disease risk reduction strategies, particularly community-level policy intervention studies in alcohol, tobacco control, and UV exposure. She teaches Public Health Policy as a Prevention Strategy and Legislative Advocacy Skills for Public Health.

JUDITH GARRARD, Ph.D.

Senior Associate Dean for Research and Academic Affairs
Professor
Division of Health Policy and Management

Expertise: pharmacoepidemiology and patient outcomes, behavioral geriatrics, long-term care, evaluation of health and mental health programs

Bio: Judith Garrard is a psychologist specializing in the study of patient outcomes associated with the use of medications. Her current research is in behavioral geriatrics and pharmacoepidemiology. She directs studies in long-term care and the impact of federal legislation on the health care delivery system. She is, or has been, principal investigator on grants from the NIA, NINDS, AHCP, HCFA, and the AARP. Her teaching includes courses in research methods and program evaluation. In 1989, Dr. Garrard received the Leonard M. Schuman Excellence in Teaching Award.



(612) 625-8772
jgarrard@umn.edu



(612) 625-5934
gerbe001@umn.edu

SUSAN GOODWIN GERBERICH, Ph.D., M.S.P.H.

Mayo Professor in Public Health
Division of Environmental Health Sciences

Expertise: injury epidemiology and control

Bio: Susan Gerberich offers coursework and graduate research opportunities in the area of injury epidemiology and control. She is director of the Midwest Center for Occupational Health and Safety and co-director of the Regional Injury Prevention Research Center, Center for Violence Prevention and Control, and the Occupational Injury Prevention Research Training Program. Her research interests embrace all types of injuries, including: work-related injuries; brain and spinal cord injuries; violence; drug/alcohol use and injury consequences; sports injuries; and transportation-related injuries. Primarily, she conducts large population-based studies incorporating various methodologies that include surveillance and case-control applications.



(612) 624-0418
gramb001@umn.edu

PATRICIA GRAMBSCH, Ph.D.

Associate Professor
Division of Biostatistics

Expertise: survival analysis, clinical trials, stochastic processes

Bio: Patricia Grambsch received her doctorate from the Department of Statistics at the University of Minnesota. She has conducted research in mathematical modeling of biological phenomena and survival analysis at the Mayo Clinic and Bell Laboratories. Her current interests include stochastic processes, crime data, infectious diseases, and clinical trials.



(612) 624-8844
grant004@umn.edu

LESLIE GRANT, Ph.D.

Associate Professor
Division of Health Policy and Management

Expertise: long-term care, evidence-based management, environmental design

Bio: Leslie Grant completed his Ph.D. from the University of California-San Francisco. His research specialties include environmental design for seniors; financing, organization, and delivery of long-term care; and environment assessment and program evaluation. His current research interests include organizational innovation and quality improvement in long-term care and environment, aging, and adaptation. He teaches courses in long-term care, health policy, health care ethics, and applied problem-solving in health care organizations.

IAN GREAVES, M.D.

Associate Professor
Division of Environmental Health Sciences

Expertise: global health; occupational and environmental medicine; epidemiology and pathophysiology of lung disorders; policy and ethical issues relating to global health; environmental and occupational health

Bio: Ian Greaves is a physician who trained initially in internal medicine and pulmonology, and later specialized in occupational and environmental medicine. His research has focused on the effects of airborne hazards on the lungs of adults and children. His work includes projects on the health of the adult working-age population in the Philippines, and the effects of toxic hazards in several countries. His work is increasingly concerned with global health issues, spanning the developed and developing world. He teaches courses on global health, environmental health, and the effects of hazardous exposures in the work place. Dr. Greaves is coordinator for the Global Health Interdisciplinary Concentration.



(612) 624-6196
igreaves@umn.edu



HONGFEI GUO, Ph.D.

Assistant Professor
Division of Biostatistics

Expertise: multivariate data analysis; statistical methods and analysis for longitudinal data and survival data; design and analysis of clinical trials

Bio: Hongfei Guo received his Ph.D. in biostatistics from the Johns Hopkins Bloomberg School of Public Health. His research interests include development and application of statistical methods for multiple outcomes data, design, and analysis of clinical trials. He has worked on the design and analysis of clinical trials, applications of longitudinal and survival methods on aging studies, and research focusing on smoking cessation, health disparities, and kidney transplant.

(612) 626-9280
hfguo@umn.edu



TIM HANSON, Ph.D.

Associate Professor
Division of Biostatistics

Expertise: survival analysis; methods and models for diagnostic test accuracy assessment and prevalence estimation; Bayesian statistics; MCMC methods

Bio: Tim Hanson earned his Ph.D. in Statistics from the University of California-Davis. His primary research interests involve the development and application of semiparametric hierarchical statistical models to address problems involving survival, longitudinal, epidemiological, spatial, and ROC data. Dr. Hanson enjoys collaborating with scientists in other fields and teaching at all levels.

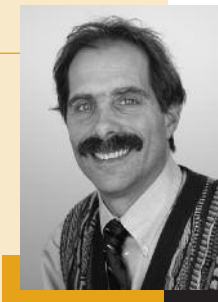
(612) 626-7075
hans058@umn.edu

BERNARD HARLOW, Ph.D.

Division Head for Epidemiology and Community Health
Mayo Professor in Public Health
Division of Epidemiology and Community Health

Expertise: psychiatric disorders and their relation to reproductive function and gynecological morbidity

Bio: Bernard Harlow is Mayo Professor in Public Health and head of the School's Division of Epidemiology and Community Health. He was formerly the co-director of the Obstetrics and Gynecology Epidemiology Center at Brigham and Women's Hospital and Harvard Medical School. Dr. Harlow is an adjunct professor of epidemiology at the Harvard School of Public Health where he is the former director of the Reproductive Epidemiology Program. His recent research has focused on psychiatric disorders and their relation to reproductive function and gynecological morbidity, as well as etiological factors related to vulvar dysesthesia. Dr. Harlow has published more than 100 peer-reviewed articles related to a wide range of women's health issues.



(612) 626-6527
harlow@umn.edu

LISA HARNACK, Dr.P.H., M.P.H.

Associate Professor
Division of Epidemiology and Community Health

Expertise: nutritional epidemiology, dietary assessment

Bio: Lisa Harnack received her doctorate in public health nutrition from the University of California-Berkeley. She received postdoctoral training in cancer epidemiology at the University of Minnesota. Her primary research interests focus on assessment and evaluation of dietary behaviors and dietary intake, particularly as they relate to prevention of chronic disease. She teaches Nutritional Epidemiology and Nutritional Assessment.



(612) 626-9398
harna001@umn.edu



(612) 626-6573
hartx013@umn.edu

JAMES HART, M.D.

**Assistant Professor
Public Health Practice**

Expertise: overlap of medicine, health, and society; health care policy and leadership

Bio: James Hart spent many years in primary care medical practice and management both independently and with HealthPartners. He was on the faculty of the Regions Hospital Family Medicine Program from 2002 to 2005. Beginning in 2007, he is serving as the director of the Executive Program in Public Health Practice in the Academic Health Center at the University of Minnesota. He is most interested in the intersection of health and society, and in restoring democracy to health care. He served on the Minnesota Health Care Access Commission in 1989–1991 and has been a longtime advocate of a single-payer health care system. He also served on the board of Minnesota International Health Volunteers for 13 years and continues to be interested in international health issues. He directs the North Central Public Health Leadership Institute.



(612) 626-1824
harwo002@umn.edu

EILEEN M. HARWOOD, Ph.D., M.Ed.

**Assistant Professor
Division of Epidemiology and Community Health**

Expertise: program evaluation; survey research, data collection, and qualitative research methods; social epidemiology; and women's health

Bio: Eileen Harwood earned her Ph.D. in sociology. Her research interests include: methods of survey data collection and management; health program evaluation; qualitative research methods; social epidemiology; structural factors related to health, health disparities, and health risk reduction; and women's health. She recently directed the evaluation of the Robert Wood Johnson Foundation's eight-year Reducing Underage Drinking Through Coalitions project. Dr. Harwood is faculty director of the SPH Health Services Research Center and she teaches a graduate methods course in health program evaluation.



(612) 626-4757
hedbe005@umn.edu

CRAIG HEDBERG, Ph.D.

**Associate Professor
Division of Environmental Health Sciences**

Expertise: food safety; surveillance of foodborne diseases and hazards; prevention and control of outbreaks in commercial food service; ecology of infectious diseases; bioterrorism; public health preparedness; vectorborne diseases

Bio: Craig Hedberg received his M.S. in environmental health and his Ph.D. in epidemiology from the University of Minnesota. He has extensive practical experience investigating foodborne and infectious disease outbreaks. His research interests include foodborne disease surveillance systems, the epidemiology of foodborne diseases, and environmental factors contributing to infectious diseases.



(612) 626-2077
helle023@umn.edu

WENDY HELLERSTEDT, Ph.D., M.P.H.

**Associate Professor
Distinguished Teaching Professor
Major Chair for Maternal and Child Health
Division of Epidemiology and Community Health**

Expertise: reproductive/perinatal epidemiology, adolescent pregnancy, adolescent health, women's health

Bio: Wendy Hellerstedt received her Ph.D. and M.P.H. in epidemiology at the University of Minnesota. Her research interests include birth outcomes for underserved women and adolescents, adolescent sexual risk-taking and pregnancy prevention, pregnancy intention, and the relation of social indicators and reproductive health. Dr. Hellerstedt teaches Reproductive and Perinatal Health, Women's Health, Adolescent Health, and the seminar Race, Class, and Family Formation.



(612) 626-8646
hennr001@umn.edu

DEBORAH HENNRİKUS, Ph.D.

Associate Professor
Major Chair for Community Health Education
Division of Epidemiology and Community Health

Expertise: tobacco use, environmental tobacco smoke exposure, health promotion in clinical settings, worksite health promotion

Bio: Deborah Hennrikus completed her Ph.D. in behavioral science in relation to medicine at the University of Newcastle in Australia. She has been involved in research projects in a variety of health-related areas, but her current research interests are in the areas of smoking cessation and decreasing exposure to environmental tobacco smoke. She teaches Community Health Education in Health Care Settings and Applied Research Methods.



(612) 624-8210
himes001@umn.edu

JOHN H. HIMES, Ph.D., M.P.H.

Professor
Division of Epidemiology and Community Health

Expertise: child growth and nutrition, dietary intake, child obesity, body composition

Bio: John Himes has special interests in child growth and nutrition, and their evaluation in epidemiologic studies. Other interests and expertise include anthropometric assessment of nutritional status; body composition; methodological issues in the assessment and analyses of physical growth and maturation; dietary assessment methodology; and evaluation of nutritional interventions.



(612) 626-9626
hodge003@umn.edu

JIM HODGES, Ph.D.

Associate Professor
Division of Biostatistics

Expertise: Bayesian analysis, clinical trials, correlated outcomes, dental research, statistical modeling, study design and analysis

Bio: Jim Hodges received a Ph.D. in statistics from the University of Minnesota in 1985. Before joining the SPH in 1993, he worked at the RAND Corporation. Dr. Hodges collaborates with University of Minnesota colleagues in dental research and HIV/AIDS research and with the Minneapolis VA Medical Center's Center for Chronic Disease Outcomes Research. He works with University researchers in a variety of health-related fields and with researchers at the Minneapolis Heart Institute Foundation. He has worked with researchers in gastroenterology, demographics, wildlife management, ornithology, horticulture, combat analysis, military logistics, simulation models, airport safety, and marketing. His statistical research is in the area of hierarchical and other richly parameterized models.



(612) 624-9556
horva018@umn.edu

KEITH HORVATH, Ph.D.

Assistant Professor
Division of Epidemiology and Community Health

Expertise: internet-based public health interventions, HIV prevention interventions, online survey methodology

Bio: Keith Horvath received his doctorate in clinical psychology from the University of Wyoming. His research interests include HIV risk assessment and prevention, internet-based interventions for chronic disease, online survey design, and sexual minority health. He is a member of the HIV/STD Intervention and Prevention Studies Center.



(612) 624-0132
jacko011@umn.edu

JULIE JACKO, Ph.D.

Professor
Division of Environmental Health Sciences

Expertise: health informatics, human-computer interaction, technological aspects of health care delivery, and universal access to electronic information technologies

Bio: Julie Jacko is director of the Institute for Health Informatics in the Academic Health Center of the University of Minnesota. She is also a professor in the School of Nursing. Her research accomplishments span the fields of human-computer interaction, health informatics, technological aspects of health care delivery, and universal access to electronic information technologies. Dr. Jacko is internationally recognized for her contributions to applications and theory development related to human aspects of personal, mobile, and networked computing, and particularly for her landmark contributions advancing technology access for people with visual impairments.



(612) 624-4196
jacob004@umn.edu

DAVID JACOBS, Ph.D.

Mayo Professor of Public Health
Division of Epidemiology and Community Health

Expertise: biostatistics, cardiovascular epidemiology, chronic disease epidemiology, nutritional epidemiology, low cholesterol and disease, oxidative stress, xenobiotics

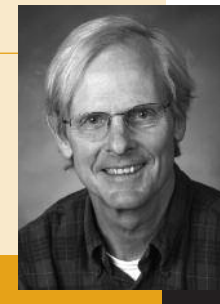
Bio: David Jacobs's research is in nutrition and cardiovascular disease and other diseases such as diabetes. He is co-investigator of CARDIA, a national study of the evolution of cardiovascular risk in young adults and principal investigator of CARDIA's YALTA ancillary study of oxidative stress. He is co-investigator of MESA, a national longitudinal study of middle-aged and older adults and principal investigator of its MESA Air ancillary study of air pollution. He directs studies of whole grain intake and chronic disease. He has been a statistical analyst or co-investigator in experiments involving the interrelationship of drugs, diet, and exercise. He has also worked with studies of cancer and infectious disease outcomes and with drug and behavioral intervention studies.

ROBERT W. JEFFERY, Ph.D.

Professor
Division of Epidemiology and Community Health

Expertise: behavioral epidemiology with emphasis on obesity and diet

Bio: Robert Jeffery received his Ph.D. from Stanford University. His teaching and research interests are in the area of behavioral epidemiology, with special emphasis on obesity and diet. His ongoing research projects include clinical trials on dietary intervention for disease prevention and control; methodological studies of treatment techniques for obesity and cigarette smoking; obesity prevention in clinical and community settings; and a long-term clinical trial studying the health effects of weight loss among overweight people who have type 2 diabetes. He is director of the University of Minnesota Obesity Prevention Center, an interdisciplinary unit in the Academic Health Center whose mission is to promote interdisciplinary research, teaching, and public service in the area of obesity prevention.



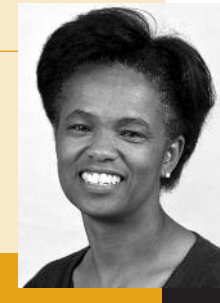
(612) 626-8580
jeffe001@umn.edu

RHONDA JONES-WEBB, Dr.P.H., M.S.P.H.

Associate Professor
Division of Epidemiology and Community Health

Expertise: behavioral science, alcohol problems in minority populations, alcohol policy

Bio: Rhonda Jones-Webb has primary research interests in alcohol policy and the etiology of drinking problems in African-American populations, adolescents, and young adults. Her ongoing research examines public opinions regarding alcohol control policies among blacks and whites. She teaches courses in social inequalities in health.



(612) 626-8866
jones010@umn.edu



(612) 624-1185
kanex001@umn.edu

ROBERT KANE, M.D.

**Minnesota Chair in Long-term Care and Aging
Professor
Division of Health Policy and Management**

Expertise: aging and long-term care; care quality; care outcomes

Bio: Robert Kane’s research deals with the health and long-term care of older persons; the relationship between acute and chronic care; and quality of care. His recent books deal with health care outcomes, geriatrics, chronic care provision, and the failure of the health care system. He directs the Center on Aging, the Clinical Outcomes Research Center, the Minnesota Area Geriatric Education Center, and an AHRQ-funded Evidence-based Practice Center. His current research examines long-term care provision, hospital care outcomes, and assessing quality of care. He teaches courses on health policy and quality of care.



(612) 624-8953
pkmandic@umn.edu

PINAR KARACA-MANDIC, Ph.D.

**Assistant Professor
Division of Health Policy and Management**

Expertise: health economics; law and economics

Bio: Pinar Karaca-Mandic received her Ph.D. at the University of California-Berkeley. She is particularly interested in health insurance benefit design and health care regulations and markets. She teaches a course in health economics and policy. Karaca-Mandic is also an adjunct economist at RAND Corporation.



(612) 624-5171
kanex002@umn.edu

ROSALIE KANE, Ph.D.

**Professor
Division of Health Policy and Management**

Expertise: aging and long-term care, ethics

Bio: Rosalie Kane received her doctorate from the University of Utah. Her current research addresses the quality of nursing home care and homecare, services allocation, evaluation of residential models that serve disabled elderly people, specialized programs for Alzheimer’s disease, and studies of family caregivers of disabled elderly. Professor Kane serves on numerous editorial boards and holds appointments in the School of Social Work and the Center for Biomedical Ethics.



(612) 612-624-7554
kulas016@umn.edu

SHALINI KULASINGAM, Ph.D.

**Assistant Professor
Division of Epidemiology and Community Health**

Expertise: Human papillomavirus (HPV), cervical cancer, cancer screening, vaccines, public health policy, and decision and cost-effectiveness modeling

Bio: Shalini Kulasingam received her Ph.D. from the University of Washington. Previously, she was an assistant professor in the Department of Obstetrics and Gynecology at Duke University in North Carolina. Her research interests include human papillomavirus (HPV), cervical cancer, cancer screening, vaccines, and decision and cost-effectiveness modeling.



612-625-9333
kmkuntz@umn.edu

KAREN M. KUNTZ, Sc.D.

Professor
Division of Health Policy and Management

Expertise: health decision sciences with a chronic disease focus

Bio: Karen Kuntz received her master's and doctorate, both in biostatistics, from the Harvard School of Public Health. She has been a leader, and has an outstanding reputation, in the field of medical decision making. She is the principal investigator of a Cancer Intervention and Surveillance Modeling Network (CISNET) grant, funded by the National Cancer Institute, to evaluate national trends in colorectal cancer incidence and mortality. Other research interests include statistical evaluation of the obesity epidemic, the development of an asthma policy model, and evaluation of the impact of disparities in cancer-related outcomes.



(612) 624-1877
lando001@umn.edu

HARRY LANDO, Ph.D.

Distinguished International Professor
Division of Epidemiology and Community Health

Expertise: global approaches to tobacco reduction, smoking

Bio: Harry Lando received his Ph.D. in psychology from Stanford University. His principal research interests are in global tobacco reduction; smoking intervention, including intervention in medically compromised and high-risk populations; and public policy changes relevant to smoking. He co-teaches a course on prevention and control of tobacco and alcohol problems and co-teaches a doctoral seminar series on principles of human behavior.



(612) 626-9099
lazov001@umn.edu

DEANN LAZOVICH, Ph.D., M.P.H.

Associate Professor
Division of Epidemiology and Community Health

Expertise: cancer prevention and control; cancer epidemiology

Bio: DeAnn Lazovich's research focuses on cancer epidemiology and cancer control. Her research projects have primarily involved the evaluation of interventions for the prevention, early detection and/or treatment of various cancers. Her work examines risks related to tobacco use, diet, indoor tanning, screening, and workplace carcinogens, specifically as they may contribute to colorectal, breast, skin, and nasal cancers.

CHAP T. LE, Ph.D.

Professor
Distinguished Teaching Professor
Division of Biostatistics

Expertise: survival analysis, ordered alternatives, diagnostic medicine, epidemiologic methods, methods for translational and clinical research

Bio: Chap Le received his Ph.D. from the University of New Mexico. His research projects are in the areas of otitis media and cancers. He has published five textbooks and numerous research articles. He is director of biostatistics for the University of Minnesota Comprehensive Cancer Center. Dr. Le received the Leonard M. Schuman Award for Excellence in Teaching, and the Award for Outstanding Contributions to Post-Baccalaureate, Graduate, and Professional Education. His teaching interests include survival analysis and basic biostatistical methods for public health students, and biostatistics for translational and clinical research.



(612) 624-9963
chap@umn.edu



(651) 201-5711
leit0066@umn.edu

AGGIE LEITHEISER, M.P.H.

**Instructor
Public Health Practice**

Expertise: emergency preparedness, disease surveillance, public health training

Bio: Aggie Leitheiser is responsible for assuring that the Minnesota Department of Health (MDH) is ready to respond to emergencies that affect the public's health and that the department's programs and activities are coordinated with local public health agencies, hospitals, and other government and emergency responders. Prior to being appointed director of emergency preparedness, Leitheiser held several other positions at MDH, including assistant commissioner of the Health Protection Bureau. She has also worked at the local level, including her position as community health services supervisor for Wright County, Minnesota. Leitheiser earned a B.S. in nursing at South Dakota State University, Brookings, and an M.P.H. in public health administration at the University of Minnesota.



(612) 624-0065
linde074@umn.edu

JENNIFER LINDE, Ph.D.

**Assistant Professor
Division of Epidemiology and Community Health**

Expertise: obesity prevention and intervention, weight control behaviors, psychological assessment

Bio: Jennifer Linde received a Ph.D. in clinical psychology from the University of Iowa. Prior to joining the faculty, she was a research associate in the Division of Epidemiology and Community Health. Her work focuses on weight loss and weight gain prevention, with specific interests in intervention development, public health message delivery, and behavior monitoring during weight control. She was trained as a clinical psychologist and has additional experience in psychiatric diagnosis, psychotherapy, psychometrics, and questionnaire development.



(612) 626-9697
lifso001@umn.edu

ALAN LIFSON, M.D., M.P.H.

**Professor
Division of Epidemiology and Community Health**

Expertise: HIV/AIDS, international health

Bio: Alan Lifson received his M.D. from the University of California-San Francisco and his M.P.H. from the University of California-Berkeley. His research interests in infectious disease epidemiology include HIV/AIDS and international health. His current research includes the clinical epidemiology of HIV in various settings. He is also clinical director of the Minnesota site for the Midwest AIDS Training and Education Center. He has taught, consulted, or conducted research on HIV and other infectious diseases in Africa, Eastern Europe, the Caribbean, and Asia. He teaches a course on infectious disease epidemiology.



(612) 626-0605
lohma003@umn.edu

WILLIAM H. LOHMAN, M.D.

**Director, Public Health Medicine (M.D./M.P.H.)
Assistant Professor
Division of Environmental Health Sciences**

Expertise: occupational health and safety, workers' health, respiratory health

Bio: William Lohman completed his M.D. at the Faculty of Medicine, McGill University and residency training in Internal Medicine and Occupational Medicine at the University of Minnesota. Previously, he was the director of Occupational Medicine Residency for the Midwest Center for Occupational Health and Safety. His primary focus is the program in public health practice. His research interests include occupational health services and occupational musculoskeletal disorders.



(612) 624-6362
luepk001@umn.edu

RUSSELL LUEPKER, M.D., M.S.

Professor
Director of Graduate Studies for Clinical Research
Division of Epidemiology and Community Health

Expertise: trends in cardiovascular disease risk and treatment, effect of interventional cardiology on disease outcomes, clinical trials, community disease prevention

Bio: Russell Luepker graduated from the University of Rochester Medical School and pursued postgraduate training in internal medicine and cardiology at the University of California, Johns Hopkins, Harvard Medical School, and Harvard School of Public Health. He received a master's degree in epidemiology from Harvard. Professor Luepker's primary research interests are in cardiovascular epidemiology, clinical trials, community disease prevention, and outcomes research. He teaches clinical research methods and research grant writing.



(612) 624-3518
lalytle@umn.edu

LESLIE LYTLE, Ph.D.

Professor
Division of Epidemiology and Community Health

Expertise: childhood obesity prevention, health behavior, health education, development and evaluation of diet and activity health promotion programs for youth

Bio: Leslie Lytle earned her doctorate in health behavior and health education from the University of Michigan. Her research interests focus on the development and evaluation of healthy eating and physical activity programs and health promotion and disease prevention in children and adolescents. She teaches courses on public health approaches to health behavior changes.



(612) 624-2158
luox0054@umn.edu

XIANGHUA LUO, Ph.D.

Assistant Professor
Division of Biostatistics

Expertise: development and application of nonparametric and semiparametric methods for recurrent event survival data, informative censoring, case-crossover design

Bio: Xianghua Luo received a Ph.D. in biostatistics from the Johns Hopkins Bloomberg School of Public Health. She has expertise in the development and application of nonparametric and semiparametric methods for recurrent event survival data, informative censoring, and case-crossover design. She has worked in the application of longitudinal and survival methods on cancer research, blood and marrow transplant, gerontological studies, and youth behavioral studies.



(612) 624-1932
mac0029@umn.edu

RICHARD MACLEHOSE, Ph.D.

Assistant Professor
Division of Epidemiology and Community Health
Division of Biostatistics

Expertise: Bayesian statistics, epidemiologic methods, applied biostatistics, and reproductive and environmental health

Expertise: Richard MacLehose received his M.S. in epidemiology from the University of Washington and his Ph.D. in epidemiology from the University of North Carolina. His research interests include in Bayesian statistics, epidemiologic methods, applied biostatistics, and reproductive and environmental health.



GEORGE MALDONADO, Ph.D., M.S.P.H.

Associate Professor
Division of Environmental Health Sciences

Expertise: epidemiologic methodology

Bio: George Maldonado earned a Ph.D. from the Department of Epidemiology at the University of California-Los Angeles, with a minor in biostatistics. He studies methods for causal inference from epidemiologic data. He teaches advanced courses in epidemiologic methods, with an emphasis on the design, analysis, and interpretation of epidemiologic studies.

(612) 626-2104
GMPhD@umn.edu



JEFFREY MANDEL, M.D., M.P.H.

Associate Professor
Division of Environmental Health Sciences

Expertise: health issues linked to occupational and environmental exposures, including asbestos, benzene, and other environmental pollutants

Bio: Jeffrey Mandel received his medical degree from Loyola University School of Medicine in Chicago and his M.P.H. from the University of Minnesota. He is board certified in internal medicine and occupational medicine and is a fellow in the American College of Occupational and Environmental Medicine. He is familiar with the health issues of asbestos workers, having served as an advisory committee member for the screening of vermiculite/asbestos-exposed people in Northeast Minneapolis and as a task force member for the screening of former Conwed workers with asbestos exposure, both in conjunction with the Minnesota Department of Health.

(612) 626-9308
mand0125@umn.edu

DONNA McALPINE, Ph.D., M.A.

Associate Professor
Division of Health Policy and Management

Expertise: mental health services and managed care; racial and ethnic disparities

Bio: Donna McAlpine is a medical sociologist whose research focuses on alcohol, drug, and mental health care, and racial and ethnic disparities in health outcomes and treatment. Recent research has examined access to psychiatric care, utilization of services and treatment outcomes for persons with severe mental illnesses, and the impact of changes in the health system. She is also involved in community-based participatory research focused on barriers to health care among cultural communities.



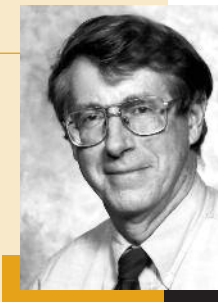
(612) 625-9919
mcalp004@umn.edu

MARSHALL McBEAN, M.D., M.Sc.

Professor
Division of Health Policy and Management

Expertise: use of Medicare and Medicaid data for health policy research, access to care, quality of care

Bio: Marshall McBean has worked as an infectious disease epidemiologist at the CDC in the United States and Africa. Before coming to the SPH, he was health commissioner for the State of Vermont, a faculty member at the Johns Hopkins School of Hygiene and Public Health, and, most recently, chief of the epidemiology branch in the Office of Research at the Health Care Financing Administration. He is director of the Research Data Assistance Center (ResDAC), which provides assistance and offers training workshops to researchers interested in using and accessing Medicare and Medicaid data. He is also involved in several studies using administrative data sets to evaluate the use of preventive services, access to care, and quality of care, particularly among elderly Americans.



(612) 625-6175
mcbea002@umn.edu



JEFFREY McCULLOUGH, Ph.D.

Assistant Professor
Division of Health Policy and Management

Expertise: health care finance and economics, with a focus on the role of technology and innovation in health care

Bio: Jeffrey McCullough received his Ph.D. in health economics from the Wharton School at the University of Pennsylvania. He received his AB in biochemistry from Harvard University. He is interested in pharmaceutical and information technology markets. He teaches a health care finance course.

(612) 625-9328
 mccu0056@umn.edu



PATRICIA MCGOVERN, Ph.D., M.P.H.

Professor
Division of Environmental Health Sciences

Expertise: occupational and environmental health policy, including women's use of family medical leave policies in association with postpartum health and workplace violence prevention and control; environmental justice among Native American communities

Bio: Patricia McGovern directs the occupational health nursing specialty area offered by the Division of Environmental and Occupational Health Sciences (EnHS). She also co-directs the occupational health services research and policy specialty that is jointly offered by EnHS and the Division of Health Policy and Management. Her teaching and research interests address occupational and environmental health policy.

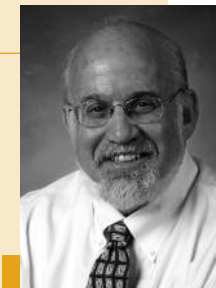
(612) 625-7429
 pmcg@umn.edu

IRA MOSCOVICE, Ph.D.

Division Head for Health Policy and Management
Mayo Professor in Public Health
Division of Health Policy and Management

Expertise: operations research, rural health

Bio: Ira Moscovice received his Ph.D. in operations research from Yale University. He has research interests in rural health care and the impact of health policy on disadvantaged populations. His recent research projects include evaluations of the implementation and impact of rural health networks and managed care, an analysis of technology diffusion in rural areas, and an assessment of the quality of care provided by rural health professionals. Dr. Moscovice is director of the Rural Health Research Center. He co-teaches courses on health services research methods and health policy.



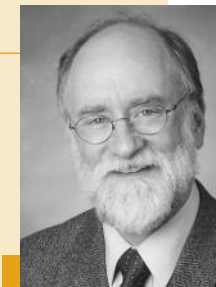
(612) 624-8618
 mosco001@umn.edu

GORDON MOSSER, M.D.

Associate Professor
Division of Health Policy and Management

Expertise: health care quality improvement, leadership, teamwork, organizational behavior, evidence-based health care

Bio: Gordon Mosser received his A.B. of philosophy from Harvard, a Master of Letters in philosophy from Oxford University, and his M.D. from Harvard Medical School. His teaching and research interests are health care quality improvement, leadership, teamwork, organizational behavior, and evidence-based health care. Dr. Mosser joined the SPH in 2006 after 30 years in clinical practice and health care management. From 1993 to 2006, he was the founding president of the Institute for Clinical Systems Improvement, a state-wide collaboration of medical groups and hospitals working together to improve health care in Minnesota. Before then, he practiced general internal medicine and held various management positions in medical groups and health plans.



(612) 624-4371
 gmosser@umn.edu



(612) 625-7292
amugglin@umn.edu

ANDREW MUGGLIN, Ph.D.

Research Associate Professor
Division of Biostatistics

Expertise: clinical trials, with special expertise in medical device applications in cardiovascular disease; Bayesian and other innovative clinical trials design; Bayesian hierarchical modeling, spatio-temporal modeling, and computing

Bio: Andrew Mugglin holds a Ph.D. in biostatistics from the University of Minnesota, a M.S. in mathematics from Rensselaer Polytechnic Institute, and a B.E. in electrical engineering from The Cooper Union. He held a postdoctoral position at The Ohio State University and has previous experience as assistant professor of mathematics at Northwestern College and as statistics manager for Medtronic Cardiac Rhythm Management Clinical Research.



(612) 625-2487
nachr001@umn.edu

NANCY NACHREINER, M.P.H., Ph.D.

Assistant Professor
Division of Environmental Health Sciences

Expertise: work-related violence, work-related injuries, occupational health, cancer

Bio: Nancy Nachreiner received her B.S.N. from the University of Minnesota School of Nursing, and her M.P.H. and Ph.D. in Environmental Health at the University of Minnesota. She studies work-related violence and injuries, and occupational health and cancer—specifically, return-to-work issues following a cancer diagnosis. She teaches the Introduction to Occupational Health and Safety and the Interdisciplinary Evaluation of Occupational Health and Safety Field Problems courses.



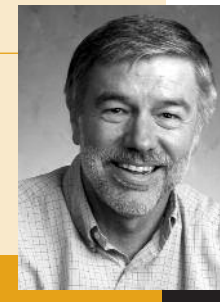
(612) 626-2849
munozzan@umn.edu

**CLAUDIA MUÑOZ-ZANZI, D.V.M.,
M.P.V.M., Ph.D.**

Assistant Professor
Division of Epidemiology and Community Health

Expertise: zoonotic infectious diseases with an emphasis on analytical epidemiology

Bio: Claudia Muñoz-Zanzi teaches diagnostic epidemiology of infectious diseases. Her research interests include zoonotic and emerging infectious diseases, international health, simulation modeling, diagnostic epidemiology, and pooled-sample testing for large-scale screening of populations. She received a D.V.M. from the University of Concepción, Chile, and a Ph.D. in epidemiology from the University of California-Davis.



(612) 626-9040
neato001@umn.edu

JAMES NEATON, Ph.D.

Professor
Division of Biostatistics

Expertise: design and conduct of clinical trials and the application of statistical models to the analysis of data arising from them

Bio: James Neaton has research interests in the design and conduct of clinical trials and the application of statistical models to the analysis of data arising from them. He teaches a course on clinical trials methods. He also leads large national cardiovascular disease prevention and HIV treatment clinical trial efforts.



(612) 626-9887
hhnelson@umn.edu

HEATHER NELSON, Ph.D., M.P.H.

Associate Professor
Division of Epidemiology and Community Health

Expertise: understanding cancer susceptibility and etiology using both laboratory and epidemiologic tools; non-melanoma skin cancer; mesothelioma; and lung cancer

Bio: Heather Nelson received an M.P.H. in toxicology from the University of Minnesota and a Ph.D. in cancer biology from Harvard University. Her research efforts focus on understanding cancer susceptibility and etiology using both laboratory and epidemiologic tools. This work blends information on population exposures and life histories with both constitutional and somatically acquired changes to develop a global picture of tumorigenesis and gene-environment interactions. Specific disease areas of interest include non-melanoma skin cancer, mesothelioma, and lung cancer.



(612) 626-9791
tfnelson@umn.edu

TOBEN NELSON, Sc.D.

Assistant Professor
Division of Epidemiology and Community Health

Expertise: health policy, organizational change, health behavior during developmental transitions, influence of sports participation on health, social determinants of health, program evaluation, prevention of alcohol-attributable harm, physical activity promotion, obesity prevention, motor vehicle safety

Bio: Toben Nelson received his Sc.D. in public health from Harvard University and an M.S. in kinesiology from the University of Wisconsin-Madison. He has research interests in health policy, organizational change, health behavior during developmental transitions, influence of sports participation on health, social determinants of health, program evaluation, prevention of alcohol-attributable harm, physical activity promotion, obesity prevention, and motor vehicle safety.



(612) 624-8832
nels5024@umn.edu

MELISSA NELSON, Ph.D.

Assistant Professor
Division of Epidemiology and Community Health

Expertise: obesity, nutrition, and physical activity epidemiology

Bio: Melissa Nelson's primary interests are in environmental and behavioral determinants of excess weight gain during adolescence and young adulthood. Her current work focuses on weight gain among college students and influential characteristics of the campus environment. Dr. Nelson received a Ph.D. in nutrition, with a concentration in epidemiology, from the University of North Carolina at Chapel Hill. Prior to her doctoral work, Dr. Nelson received a B.S. in nutritional sciences from Cornell University, trained as a registered dietitian at Vanderbilt University Medical Center, and conducted research for several years as a research assistant at the Children's Hospital of Philadelphia.



(612) 624-0880
neuma011@umn.edu

DIANNE NEUMARK-SZTAINER, Ph.D., M.P.H., R.D.

Professor
Division of Epidemiology and Community Health

Expertise: adolescent health/nutrition, obesity, eating disorders, nutrition education program design and evaluation

Bio: Dianne Neumark-Sztainer received her Ph.D. and M.P.H. degrees from the Hadassah School of Public Health at Hebrew University in Jerusalem. Her research interests focus on adolescent health, nutrition, and obesity, and eating disorder prevention. She teaches a course on community nutrition intervention in which students learn how to develop community-based interventions to improve the nutritional health of the public. She is the author of *I'm Like, SO Fat! Helping Your Teen Make Healthy Choices about Eating and Exercise in a Weight-Obsessed World* (Guilford Press 2005).



(612) 626-7559
nguy0082@umn.edu

RUBY H.N. NGUYEN, Ph.D.

Assistant Professor
Division of Epidemiology and Community Health

Expertise: women's health, etiology of reduced fertility, infertility and later disease, intersection of genital tract infections on reproduction, pregnancy-related morbidity, and epidemiologic methods in studies of fertility

Bio: Ruby Nguyen received her Ph.D. and M.H.S. in epidemiology from Johns Hopkins University. She has general research interests in women's health, the etiology of reduced fertility, and infertility and later disease. She is currently examining the role of pre-pregnancy diabetes on the risk of postpartum depression among women. Her teaching interests include undergraduate epidemiology education.



(612) 624-6855
oakes007@umn.edu

J. MICHAEL OAKES, Ph.D.

Associate Professor
Division of Epidemiology and Community Health
McKnight Presidential Fellow

Expertise: quantitative methods, social epidemiology, research ethics

Bio: Michael Oakes received his Ph.D. in sociology from the University of Massachusetts. His research and teaching interests include quantitative methodology, social epidemiology, and research ethics. In 2007 he was named a McKnight Presidential Fellow, an award given to a select group of the University's most promising new associate professors. He is author of many research papers addressing the intersection of social science and health and the highly acclaimed 2006 text, *Methods in Social Epidemiology*. Dr. Oakes teaches basic courses in statistical programming and doctoral-level seminars in group randomized trials and social epidemiology.



(612) 626-4425
nyman001@umn.edu

JOHN A. NYMAN, Ph.D.

Professor
Division of Health Policy and Management

Expertise: health economics, the theory of the demand for health insurance, cost-effectiveness analysis, the theory of why people gamble, nursing home and long-term care policy, the behavior of physicians

Bio: John Nyman received his Ph.D. in economics from the University of Wisconsin-Madison. He has research interests in the theory of insurance and health insurance, the standardization of cost-effectiveness analysis, the theory of why people gamble, nursing home behavior and long-term care policy, and the behavior of physicians. Dr. Nyman teaches three graduate courses: Economics of the Health Care System; Health Insurance; and Cost-Benefit, Cost Effectiveness and Decision Analysis in Health Care. Dr. Nyman received the 2005 Leonard M. Schuman Excellence in Teaching Award from the School of Public Health.

CHARLES OBERG, M.D., M.P.H.

Associate Professor
Division of Epidemiology and Community Health

Expertise: health disparities, childhood poverty, health care access and finance

Bio: Dr. Oberg earned an M.P.H. in maternal and child health from the University of Minnesota and an M.D. from the University of Minnesota Medical School. His research interests include health disparities, childhood poverty, and health care access and finance. Dr. Oberg teaches Advocacy and Children's Rights; Children's Health: Issues, Policies, and Programs; Fundamentals of Social and Behavioral Sciences; and Children and Youth in Society.



(612) 625-6616
oberg001@umn.edu



(612) 625-0476
olson002@umn.edu

**DEBRA OLSON, D.N.P., M.P.H., R.N.,
C.O.H.N.-S., F.A.A.O.H.N.**

**Associate Dean for Education
Professor
Major Chair for Public Health Practice**

Expertise: public health preparedness education; occupational health nursing; environmental health; innovative teaching methods

Expertise: Debra Olson leads strategic partnerships for the delivery of lifelong learning opportunities. Her teaching and advising areas include public health practice, occupational health nursing, environmental health, and technology-enhanced learning. Her research interests include educational effectiveness and public health competencies. She is director of the Midwest Center for Life-Long-Learning in Public Health, the University of Minnesota Center for Public Health Preparedness and Principal Investigator for the University of Minnesota: Simulations and Exercises for Educational Effectiveness.



(612) 626-6770
mto@umn.edu

MICHAEL T. OSTERHOLM, Ph.D., M.P.H.

**Professor of Environmental Health Sciences
Director, Center for Infectious Disease Research and Policy**

Expertise: infectious disease epidemiology, bioterrorism, foodborne diseases, pandemic influenza, antibiotic resistance, vaccine preventable diseases, internet-based information systems, national policy development

Bio: Michael Osterholm is an internationally recognized expert in infectious disease epidemiology. He is a member of the National Academy of Science Institute of Medicine. Dr. Osterholm led investigations into infectious disease outbreaks during his 15 years as state epidemiologist at the Minnesota Department of Health. He is the director of the Center for Infectious Disease Research and Policy. He served as a special advisor to former D.H.H.S. Secretary Tommy Thompson on issues regarding public health preparedness.

WEI PAN, Ph.D.

**Professor
Director of Graduate Studies for Biostatistics
Division of Biostatistics**

Expertise: bioinformatics, computational biology, data mining, correlated response data analysis and computing

Bio: Wei Pan received a Ph.D. in statistics from the University of Wisconsin-Madison. His teaching interests include both introductory and advanced biostatistics. He is interested in bioinformatics/computational biology and data mining. He collaborates with both basic biologists and clinicians. Recently, he has been developing statistical and computational methods for analyzing microarray data and integrating multiple types of genomic and proteomic data.



(612) 626-2705
panxx014@umn.edu

JAMES PANKOW, Ph.D., M.P.H.

**Associate Professor
Major Chair for Epidemiology (M.P.H.)
Division of Epidemiology and Community Health**

Expertise: genetic epidemiology, diabetes epidemiology, cardiovascular disease epidemiology

Bio: James Pankow received his doctorate and master's degrees in epidemiology from the University of Minnesota. His primary research interest is the genetic epidemiology of cardiovascular disease and its associated risk factors. He conducts research on the epidemiology of type 2 diabetes, including genetic determinants. He teaches Epidemiologic Methods II.



(612) 624-2883
panko001@umn.edu



(612) 624-1394
jasu@umn.edu

JOÄN PATTERSON, Ph.D.

Associate Professor
Division of Epidemiology and Community Health

Expertise: families and health; childhood chronic illness and disability; mental health

Bio: Joän Patterson is a family psychologist who received her doctorate in family social science at the University of Minnesota. Her research focuses on children with special health needs (particularly cystic fibrosis, diabetes, asthma, and cancer), with an emphasis on developing and evaluating interventions to promote their successful psychosocial adaptation, understanding factors that contribute to child and family resilience, and advocating for policies that contribute to child and family health and well-being. Teaching areas include families and health, chronic illness and disability in children, foundations of maternal and child health leadership, and public health approaches to mental health promotion.



(612) 624-4173
pere004@umn.edu

MARK PEREIRA, Ph.D.

Associate Professor
Division of Epidemiology and Community Health

Expertise: nutritional epidemiology, physical activity, prevention of type 2 diabetes, cardiovascular disease

Bio: Mark Pereira received his Ph.D. in epidemiology from the University of Pittsburgh Graduate School of Public Health. He also earned an M.S. degree in exercise science from the University of Massachusetts-Amherst. Prior to joining the faculty at the University of Minnesota, Dr. Pereira held a joint appointment as research associate, Children's Hospital, Boston, and assistant professor in pediatrics, Harvard Medical School. His research interests include the role of dietary composition, and of eating and physical activity patterns, in the etiology, prevention, and treatment of type 2 diabetes and cardiovascular disease throughout the lifespan. Dr. Pereira teaches Obesity and Eating Disorders and Nutrition and Chronic Disease.

LISA PETERSON, Ph.D.

Professor
Division of Environmental Health Sciences

Expertise: mechanisms of chemical carcinogenesis through bio-organic and analytical chemical techniques; xenobiotic metabolism; characterization of unstable metabolic intermediates; DNA repair

Bio: Lisa Peterson has a Ph.D. in pharmaceutical chemistry from the University of California-San Francisco. Her research focuses on mechanisms by which chemicals initiate carcinogenesis. Her teaching interests include chemical toxicology and xenobiotic metabolism.



(612) 626-0614
peter431@umn.edu

SANDRA POTTHOFF, Ph.D.

Associate Professor
Director of Master of Healthcare Administration
Division of Health Policy and Management

Expertise: quality and productivity improvement in health care, systems analysis, long-term care, program evaluation, outcomes management systems

Bio: Sandra Potthoff has a master's degree and Ph.D. in industrial engineering from the University of Wisconsin-Madison. She researches health care delivery systems improvement for patient safety and quality, and evaluating the impact of telemedicine on health and utilization outcomes of the elderly. She teaches in the areas of operations research and quality in health care; problem solving in health service organizations; information uses in long-term care; and interprofessional teamwork in health care. She is on the editorial boards of Health Care Management Science and Health Administration Press and is a board member of the Association of University Programs in Health Administration.



(612) 624-9019
potth001@umn.edu



GURUMURTHY RAMACHANDRAN, Ph.D.

Professor
Division of Environmental Health Sciences

Expertise: methods development for retrospective exposure assessment; industrial hygiene decision-making; Bayesian methods in exposure assessment; measurement of air pollution; analysis of exposures to chemical mixtures; methods for analysis of aerosol measurements; theoretical and experimental studies on design of aerosol samplers; optical remote sensing applications in industrial hygiene

Bio: Gurumurthy Ramachandran received his Ph.D. in environmental sciences and engineering from the University of North Carolina. His research interests include retrospective exposure assessment; measurement of air pollution; statistical methods for analysis of exposure measurements; theoretical and experimental studies on the design of aerosol samplers; optical remote sensing applications in industrial hygiene; and indoor air quality. He teaches courses on the properties and measurement of airborne contaminants.

(612) 626-5428
 ramac002@umn.edu



PETER RAYNOR, Ph.D.

Assistant Professor
Division of Environmental Health Sciences

Expertise: engineering control of environmental and occupational hazards; theoretical and experimental filtration studies; measurement of airborne pollutants, especially semi-volatile compounds; sampling and analytical methods for airborne materials; bioaerosols; worker protection and preparedness; industrial hygiene

Bio: Peter Raynor earned his doctorate in environmental sciences and engineering from the University of North Carolina at Chapel Hill. He teaches and conducts research in the field of exposure assessment and control. He is director of the Hazardous Substances Academic Training Program of the Midwest Center for Occupational Health and Safety and participates in the University of Minnesota Center for Public Health Preparedness in the area of occupational safety and worker protection.

(612) 625-7135
 praynor@umn.edu

CAVAN REILLY, Ph.D.

Associate Professor
Division of Biostatistics

Expertise: Bayesian statistics, spatial statistics, bioinformatics and statistical genomics

Bio: Cavan Reilly's primary research interests are spatial statistics and statistical genomics/bioinformatics, often using Bayesian methods. He is interested in models for point processes in the plane and applications of these methods (and others) to the statistical analysis of microscopic images. He also develops methods for analyzing microarray experiments. He received his Ph.D. in statistics from Columbia University.



(612) 624-9644
 reill017@umn.edu

WILLIAM RILEY, Ph.D.

Associate Dean for Strategic Partnerships and Relations
Associate Professor
Division of Health Policy and Management

Expertise: health care management, health care financing, and quality improvement

Bio: William Riley is a former health care executive with more than 20 years of experience as a past president and CEO of several health care organizations. He teaches Health Finance, Principles of Management, and Quality Improvement. His research areas are health finance, quality improvement, and patient safety. Dr. Riley received his Ph.D. from the University of Minnesota School of Public Health.



(612) 625-0615
 riley001@umn.edu



(612) 625-8279
robie004@umn.edu

KIM ROBIEN, Ph.D., R.D.

Assistant Professor
Division of Epidemiology and Community Health

Expertise: nutrition, molecular epidemiology, cancer prevention, cancer survivorship, pharmacogenetics, folate, vitamin D, hematopoietic cell transplantation, evidence-based practice

Bio: Kim Robien received her Ph.D. in nutritional sciences at the University of Washington-Seattle, and completed a postdoctoral fellowship in molecular epidemiology at the Fred Hutchinson Cancer Research Center. She is establishing a research program in nutrition, molecular epidemiology, and pharmacogenetics in relation to cancer prevention and survivorship. Her goal is to conduct research that supports the development of evidence-based guidelines for nutrition interventions across the cancer continuum, from prevention to survivorship.



612) 624-0358
rosser@umn.edu

B. R. SIMON ROSSER, Ph.D., M.P.H.

Professor
Division of Epidemiology and Community Health

Expertise: HIV prevention, sexual health, health disparities of sexual minorities, e-Public Health, Internet-based interventions

Bio: Simon Rosser is professor and director of the HIV/STI Intervention and Prevention Studies (HIPS) Program in the Division of Epidemiology and Community Health. He received his M.A. (hons) in psychology from the University of Auckland, a Ph.D. in behavioral medicine from Flinders University of South Australia, and his M.P.H. in epidemiology from the University of Minnesota. He also has a postdoctoral specialization in sexology also from the University of Minnesota. His research focuses on the design and testing of "next generation" HIV prevention interventions for high risk populations especially men who have sex with men, persons living with HIV, and structural levels studies of the impact of the Internet and laws and policies related to homosexuality on gay communities and alcohol-related HIV risk behavior.



(612) 625-3993
rockw001@umn.edu

TODD ROCKWOOD, Ph.D.

Associate Professor
Division of Health Policy and Management

Expertise: clinical outcomes research, survey research methods

Bio: Todd Rockwood received a Ph.D. in sociology from Washington State University. He specializes in outcomes research, measurement error in survey research, complex organizations and decision making, and scale development. His research in measurement development has been in diverse populations, from adults experiencing fecal incontinence to children with cancer. His work on measurement error in survey research has focused on traditionally identified sources of error with an emphasis on comparisons between mail and telephone administration.

KYLE RUDSER, Ph.D.

Assistant Professor
Division of Biostatistics

Expertise: design and monitoring of clinical trials, survival analysis, longitudinal analysis, and nonparametric approaches

Bio: Kyle Rudser received his M.S. and Ph.D. in biostatistics from the University of Washington. He also has an appointment with the Biostatistics, Design and Analysis Center in the Office of Clinical Research. He provides statistical expertise and leadership in the design, monitoring, and analysis of projects throughout the University of Minnesota Academic Health Center.



(612) 626-6814
rudser@umn.edu



612-626-0929
sainf001@umn.edu

FRANÇOIS SAINFORT, Ph.D.

**Mayo Professor in Public Health
Division of Health Policy and Management**

Expertise: medical decision making under risk and uncertainty, health outcomes modeling and measurement, health risk perception and assessment, health status assessment and monitoring, and health-related performance measurement and analysis

Bio: François Sainfort earned a doctorate degree in industrial engineering and management from École Centrale Paris, France. His research focuses on helping individuals and organizations make decisions, often under risk and uncertainty. Dr. Sainfort has published more than 130 refereed publications and has served as principal investigator on more than \$13 million in contracts and grants. He is an editorial board member for several leading journals. He also is an expert consultant for the health care industry.



(612) 625-4567
sherw005@umn.edu

NANCY SHERWOOD, Ph.D.

**Assistant Professor
Epidemiology and Community Health**

Expertise: prevention and treatment of obesity and eating disorders across the lifespan

Bio: Nancy Sherwood received her Ph.D. in clinical psychology from Kent State University. Her research interests include obesity prevention and treatment in children and adults, with a particular emphasis on how weight management interventions can be most effectively delivered in the context of health care delivery systems. She is also a research investigator at the HealthPartners Research Foundation.



(612) 626-9097
schre012@umn.edu

PAMELA SCHREINER, Ph.D., M.S.

**Professor
Director of Graduate Studies for Epidemiology (Ph.D.)
Division of Epidemiology and Community Health**

Expertise: cardiovascular disease epidemiology and etiology; the perimenopausal transition; complementary and alternative medicine

Bio: Pamela Schreiner received her doctorate in epidemiology from the University of North Carolina at Chapel Hill. She has master's of science degrees in molecular biology and biomedical engineering. Her primary research interest is in cardiovascular disease epidemiology, particularly related to lipoproteins, fat patterning, and the perimenopausal transition. She also directs the School of Public Health's interdisciplinary concentration on complementary and alternative medicine. She teaches Epidemiology II and Advanced Epidemiologic Theory.

MATT SIMCIK, Ph.D.

**Associate Professor
Major Chair for Environmental Health
Division of Environmental Health Sciences**

Expertise: fate and transport of organic contaminants in the atmosphere and their effects on aquatic systems and human health, including source apportionment, gas-particle partitioning, air-water, and air-terrestrial exchange; contaminants of interest include perfluorochemicals, polybrominated diphenyl ethers, polycyclic aromatic hydrocarbons, organochlorines, and current-use pesticides

Bio: Matt Simcik received an M.S. in civil engineering from the University of Minnesota and a Ph.D. in environmental science from Rutgers. His research interests include the fate and transport of organic contaminants in the atmosphere and waters of the Great Lakes.



(612) 626-6269
msimcik@umn.edu



(612) 625-6271
singe024@umn.edu

RANDALL SINGER, D.V.M., Ph.D.

Assistant Professor
Division of Environmental Health Sciences

Expertise: infectious diseases in human and animal populations; antibiotic resistance

Bio: Randall Singer has a D.V.M. and Ph.D. in epidemiology, both from the University of California-Davis. He has a dual appointment with the Department of Veterinary and Biomedical Sciences at the University of Minnesota. His research focuses on quantifying the ways in which various selection pressures influence the evolution, dissemination, and persistence of microbes and their genes. He teaches in the area of infectious diseases transmitted among humans and animals.



(612) 626-0351
stang002@umn.edu

JAMIE STANG, Ph.D., M.P.H., R.D.

Assistant Professor
Major Chair for Public Health Nutrition
Division of Epidemiology and Community Health

Expertise: nutrition, maternal and infant nutrition, eating disorders

Bio: Jamie Stang is the chair of the Public Health Nutrition program and the co-director of the Leadership Education and Training Program in Maternal and Child Nutrition. Her research interests include nutrition and weight status in pregnancy, child and adolescent nutrition, behavioral counseling in child obesity, and obesity among women of childbearing age. She received a Ph.D. in nutrition from the University of Minnesota.



(612) 626-1733
sirar001@umn.edu

JOHN SIRARD, Ph.D.

Assistant Professor
Division of Epidemiology and Community Health

Expertise: measurement and promotion of physical activity

Bio: John Sirard received his Ph.D. in exercise physiology at the University of South Carolina and did postdoctoral work at Stanford University's Prevention Research Center. His primary interest is in the promotion of physical activity in children to prevent obesity and type 2 diabetes. Professor Sirard's current research includes the use of accelerometers to measure physical activity and the effect of walking to school on student physical activity and weight.



(612) 625-9307
steff025@umn.edu

LYN STEFFEN, Ph.D., M.P.H.

Associate Professor
Division of Epidemiology and Community Health

Expertise: cardiovascular disease epidemiology; nutritional epidemiology; obesity and type 2 diabetes in children and adolescents

Bio: Lyn Steffen has a Ph.D. in epidemiology and an M.P.H. in public health nutrition. Her research interests focus on nutritional epidemiology and the epidemiology of cardiovascular disease, venous thromboembolism, and obesity. Specific research projects include studies of cardiovascular risk factors in youth and adults and community-based surveillance of cardiovascular risk factors, obesity, and stroke. She teaches data collection methods in epidemiology.



(612) 626-8801
story001@umn.edu

MARY STORY, Ph.D., R.D.

**Associate Dean for Student Life
Professor
Division of Epidemiology and Community Health**

Expertise: child and adolescent obesity prevention and nutrition

Bio: Mary Story received her Ph.D. in Human Nutrition Science from Florida State University. Her research interests focus on obesity prevention and eating behavior of children and adolescents; and school, community, environmental and policy interventions to improve healthy eating, physical activity, and obesity prevention for youth and families, particularly low-income populations. Dr. Story is the Director of the Robert Wood Johnson Foundation-funded Healthy Eating Research Program focused on environmental and policy research to reduce childhood obesity.



(612) 624-1818
tang0097@umn.edu

WEIHONG TANG, Ph.D., M.S., M.D.

**Assistant Professor
Division of Epidemiology and Community Health**

Expertise: cardiovascular disease epidemiology, genetic epidemiology of chronic disease with an emphasis on cardiovascular disease, metabolic syndrome, diabetes, obesity

Bio: Weihong Tang earned an M.D. in preventive medicine from West China University of Medical Sciences in Chengdu, China, and an M.S. in epidemiology from Peking Union Medical College in Beijing, China. She earned a Ph.D. in epidemiology from the University of Minnesota. Her research interests include the genetic risk factors that contribute to cardiovascular disease.



(612) 626-0435
dswack@umn.edu

DEBORAH L. SWACKHAMER, Ph.D.

**Professor
Division of Environmental Health Sciences**

Expertise: chemical and biological processes affecting toxic organic contaminants in the aquatic environment; bioaccumulation of toxic chemicals in foodwebs; endocrine disruptors; ecological risk assessment; pollution issues in the Great Lakes

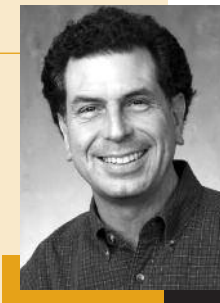
Bio: Deborah Swackhamer is an environmental chemist with an emphasis in aquatic chemistry. She received her B.A. in chemistry from Grinnell College and her M.S. in water chemistry and Ph.D. in limnology and oceanography from the University of Wisconsin-Madison. Her research focuses on the chemical and biological processes that control the fate of toxic organic contaminants in the environment, environmental exposure, and risk assessment. Dr. Swackhamer teaches environmental chemistry and lectures in environmental exposures and environmental policy. She serves as co-director of the University's Water Resources Center.

WILLIAM THOMAS, Ph.D.

**Associate Professor
Division of Biostatistics**

Expertise: statistics education, statistical diagnostics and nonparametric regression, compliance in epidemiological and clinical trials

Bio: William Thomas received his Ph.D. in statistics from the University of Minnesota. He works primarily in statistics education, clinical trials, statistical diagnostics, and nonparametric regression. He directs biostatistical support for the General Clinical Research Center at the University of Minnesota, and collaborates on several medical and epidemiologic studies.



(612) 625-0651
thoma003@umn.edu



TRACI TOOMEY, Ph.D.

Associate Professor
Division of Epidemiology and Community Health

Expertise: alcohol and tobacco policy research, injury prevention

Bio: Traci Toomey received her master's and doctorate degrees from the University of Minnesota. Her research interests involve alcohol and tobacco policy research, and injury prevention.

(612) 626-9070
 toome001@umn.edu



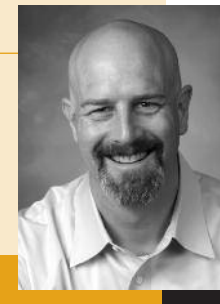
WILLIAM TOSCANO, Ph.D.

Division Head for Environmental Health Sciences
Professor
Division of Environmental Health Sciences

Expertise: gene environment interactions; environmental signals and sensors; endocrine disruption and hormone active agents in the environment; effects of environment on fetal development; global environmental health; public health genomics

Bio: William Toscano received his Ph.D. in biochemistry from the University of Illinois-Urbana. Previously, he was on the faculty of the Harvard School of Public Health and the Tulane School of Public Health and Tropical Medicine. His research interests include the action of dioxins and other polychlorinated compounds on development, the effects of environmental signals on human reproduction, and the creation of transgenic biosensors of environmental toxicants. His teaching interests include environmental microbiology and environmental, occupational, industrial toxicology, toxico-genomics, and molecular approaches to risk assessment.

(612) 624-2967
 toasca001@umn.edu



ROBERT TOWN, Ph.D.

Associate Professor
James A. Hamilton Professor of Health Economics
Director for Health Services Research, Policy, and Administration (M.S.)
Division of Health Policy and Management

Expertise: health care competition; Medicare policy toward HMOs and hospitals; physician behavior; measuring hospital quality

Bio: Robert Town received his Ph.D. in economics from the University of Wisconsin-Madison. Dr. Town has expertise in the areas of health economics, industrial organization, and applied econometrics. In particular, his work examines the impact of market, non-market, and government incentives on the price, quantity, and quality of health care services. Dr. Town has studied the impact of network formation in hospital competition, the role of competition in determining hospital quality, and the appropriate antitrust policy in health care and health insurance markets.

(612) 626-4683
 rjtown@umn.edu

LEIGH TURNER, Ph.D.

Associate Professor
Division of Health Policy and Management
Center for Bioethics

Expertise: bioethics, ethics and public policy, globalization and health, and global markets in health services

Bio: Leigh Turner received his Ph.D. from the University of Southern California. Prior to arriving at University of Minnesota, he worked at McGill University, University of Toronto Joint Centre for Bioethics, and the Hastings Center. His research interests include ethical and social analysis of global markets in health services, cross-border commercial organ transplantation, "medical tourism," international teleradiology, the establishment of regional bioeconomies in East Asia, crossborder shopping for medications, and global migration of health care providers. Dr. Turner's work falls within the general categories of global health ethics and public health ethics. He teaches Ethics in Public Health: Professional Practice and Policy and Ethical Issues in Global Health.



(612) 626-4830
 turne462@umn.edu



BETH VIRNIG, Ph.D., M.P.H.

Associate Professor
Major Chair for Public Health Administration and Policy
Division of Health Policy and Management

Expertise: administrative data analysis, cancer surveillance and treatment, end-of-life care

Bio: Beth Virnig completed her Ph.D. in epidemiology at the University of Minnesota. She is involved in research that examines the use of health care by the elderly in the Medicare program, with a focus on hospice use, cancer surveillance and care, and Medicare managed care. She teaches Research Using Administrative Data, Foundations of Public Health, and the Public Health Administration and Policy Master's Project Seminar.

(612) 624-4426
 virni001@umn.edu



MELANIE WALL, Ph.D.

Associate Professor
Division of Biostatistics

Expertise: latent variable modeling, structural equation modeling, longitudinal data analysis, geostatistical and lattice spatial data analysis

Bio: Melanie Wall received her Ph.D. in statistics from Iowa State University. Her research includes developing statistical methods within the general area of latent variable modeling, with specific applications to behavioral public health; and developing methods for spatial data analysis, with applications to epidemiological population summaries of health risks.

(612) 625-2138
 wallx007@umn.edu



ELIZABETH WATTENBERG, Ph.D.

Associate Professor
Director of Graduate Studies for Environmental Health
Division of Environmental Health Sciences

Expertise: molecular toxicology; investigation of the mechanisms by which different types of carcinogenic agents modulate cellular signal transduction pathways; risk assessment and environmental regulation

Bio: Elizabeth Wattenberg earned a Ph.D. in toxicology from the Massachusetts Institute of Technology. Her research focuses on molecular toxicology, particularly the mechanisms by which carcinogenic agents modulate cellular signal transduction pathways. She has also conducted research in the fields of risk assessment and environmental regulation. Her teaching interests include toxicology, carcinogenesis, and tumor biology.

(612) 626-0184
 watte004@umn.edu

VERNON E. WECKWERTH, Ph.D.

Distinguished International Professor
Division of Health Policy and Management

Expertise: alternative administrative education, health service delivery, design of research, inductive methods, distance executive education

Bio: Vernon Weckwerth earned a Ph.D. in biostatistics from the University of Minnesota. His research specialties include variable effects on health service delivery, design of research, inductive methods, and distance executive education. His current research interests include research design and analysis and the distance education of health care executives. Dr. Weckwerth founded and is director emeritus of the ISP Off-Site Executive Study Programs in Healthcare Administration. Founded in 1969, ISP is the oldest continuing distance education program for health care administrators in the nation. He serves on the editorial board of the Journal of Health Administrative Education. He is the recipient of the University of Minnesota Global Engagement Award.



(612) 624-9000
 weckw001@umn.edu



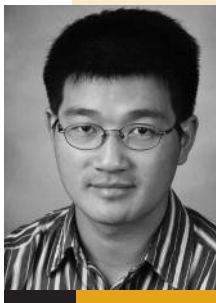
(612) 626-4682
whole001@umn.edu

DOUGLAS WHOLEY, Ph.D., M.B.A.

Professor
Division of Health Policy and Management

Expertise: organizational sociology, health care organization, managed care, informatics, management

Bio: Doug Wholey uses organizational sociology to study health care organization and management. He has studied managed care market evolution, HMOs, managed care, and information technology. His current research applies social network and team theories to study primary care and medical clinic organization and assertive community treatment teams. He earned an M.B.A. in management and Ph.D. in organizational behavior and industrial relations from the Haas School at the University of California-Berkeley. His research interests include management, organizations, and social networks in health care organizations; HMOs; the effect of health care markets on productivity and performance; IT; teamwork within health care provider organizations; and coordination among health care provider organizations.



(612) 624-0647
baolin@umn.edu

BAOLIN WU, Ph.D.

Assistant Professor
Division of Biostatistics

Expertise: computational biology, functional genomics and proteomics, multiple hypotheses testing, machine learning, statistical genetics

Bio: Baolin Wu received his Ph.D. in biostatistics from Yale University in 2004. His research interests include functional genomics, proteomics, statistical genetics, multiple hypothesis testing, and machine learning. He currently focuses on developing computational and statistical methods to help solve scientific problems in genetics and biology. He teaches categorical data analysis and biostatistics regression for public health students.

JIAN-MIN YUAN, M.D., Ph.D.

Associate Professor
Division of Epidemiology and Community Health

Expertise: environmental and genetic factors in the etiology of cancer

Bio: Jian-Min Yuan is an associate professor at the University of Minnesota Cancer Center, in addition to his appointment in the SPH. He is the principal or co-principal investigator of multiple NCI grants supporting his cancer research, in particular lung cancer. He is interested in the epidemiology of cancer, with a focus on the role of dietary and other environmental exposures, genetic variations, and gene-environmental interaction in the etiology and prevention of cancer. Dr. Yuan is interested in developing and teaching courses in cancer epidemiology and related study design and data analysis, and in mentoring students pursuing graduate work in cancer epidemiology.



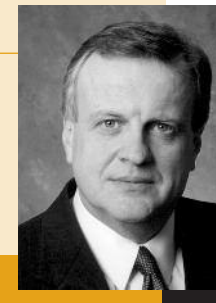
(612) 625-8056
jyuan@umn.edu

DANIEL ZISMER, Ph.D.

Associate Professor
Director of ISP: Executive M.H.A. and Programs in Applied Health Care Leadership and Management
Division of Health Policy and Management

Expertise: operating economics and value creation of integrated health systems.

Bio: Daniel Zismer is director of ISP: Executive M.H.A. and Programs in Applied Health Care. He has a 25-year history on the provider side of health care delivery. He has led a sizable number of large-scale health systems and medical practice integrations as well as specialty-focused hospital/physician partnerships and joint venture formations. He maintains consulting and advisory relationships with Essentia Health as well as with several other large U.S. health systems. He has a special interest in executive and physician leadership education and development.



(612) 625-5148
zisme006@umn.edu

ADJUNCT FACULTY

Reflecting the breadth of the field, adjunct faculty at the School of Public Health hail from diverse disciplines and organizations. This variety of expertise indicates the school's strong ties across the University of Minnesota and throughout the public health practice community locally, nationally, and globally.

Diann Ackard, The Offices of Diann M. Ackard

Jasjit Ahluwalia, U of M Office of Clinical Research; U of M School of Medicine

Irene Alton, Health Start

Donna Anderson, retired

Michael Austin, U of M Department of Environmental Health and Safety

Sara Axtell, U of M Department of Family Social Science

Beth Baker, Regions Hospital

Karla Ballman, Mayo Clinic

Anne Barry, Minnesota Department of Human Services

Paul Bartlett, Michigan State University

Linda Bearinger, U of M School of Nursing; U of M School of Medicine

Timothy Beebe, Mayo Clinic

Kumar Belani, U of M School of Medicine

Alan Bender, Minnesota Department of Health

Jeffrey Bender, U of M Veterinary Population Medicine

Alan Berger, U of M School of Medicine

Peter Berthold, U of M School of Dentistry

Jean Bey, 3M

Donald Bishop, Minnesota Department of Health

Kerri Boutelle, U of M School of Medicine

Debora Boyle, Minnesota Department of Health

Lynn Bretl, adolescent health consultant

James Brosseau, University of North Dakota

Kathleen Brothen, Minnesota Department of Children, Families, and Learning

Janette Brust, Minnesota Council of Health Plans

Sally Bushhouse, Minnesota Department of Health

Hillary Carpenter, Minnesota Department of Health

Traci Collins, U of M School of Medicine

Matthew Commers, Hennepin County Medical Center

Robert Connor, U of M Carlson School of Management

David Cossi, Barna, Guzy & Steffen, Ltd.

James Craig, General Mills

Kathleen Daly, U of M School of Medicine

Richard Danila, Minnesota Department of Health

Debra DeBruin, U of M Center for Bioethics

Amos Deinard, U of M School of Medicine

Susan Diem, U of M School of Medicine

David Dorman, U of M Boynton Health Service

Terry Dwelle, North Dakota Department of Health

Edward Ehlinger, U of M Boynton Health Service

Kristen Ehresmann, Minnesota Department of Health

Marla Eisenberg, U of M School of Medicine

Kevin Elfering, food safety consultant

Kristine Ensrud, U of M School of Medicine

Myron Falken, Minnesota Department of Health

Dana Farley, U of M Boynton Health Service

David Feinwachs, Minnesota Hospital Association

Buddy Ferguson, Minnesota Department of Health

Michael Finch, consultant

Mary Findorff, U of M School of Nursing

Howard Fink, Minneapolis VA Medical Center

Susan Fleming, Science Museum of Minnesota

L. Ronald French, Minnesota Department of Health

Robert Fulton, St. Paul-Ramsey County Department of Public Health

N.K. Ganguly, Indian Council of Medical Research

Ann Garwick, U of M School of Nursing

Lael Gatewood, U of M School of Medicine

Richard Grimm, Minneapolis Medical Research Foundation; Hennepin County Medical Center; U of M School of Medicine

Myron Gross, U of M School of Medicine

Julia Halberg, General Mills

Linda Halcon, U of M School of Nursing

Gayle Hallin, United Health Group

Maria Hanratty, U of M Humphrey Institute of Public Affairs

Dorothy Hatsukami, U of M School of Medicine; U of M Department of Psychology

Carl Herbrandson, U of M Office of Fisheries and Wildlife

Steven Hillestad, U of M Carlson School of Management

Alan Hirsch, Abbott Northwestern Hospital

Neal Holtan, St. Paul Public Health Center

Jeremy Holtzman, Hennepin Center Medical Center

William Hueston, U of M College of Veterinary Medicine

Harry Hull, infectious disease consultant

Catherine Hunt, Guidant Corporation

Ajay Israni, Hennepin County Medical Center

Catherine Jacobson, 3M

James Jaranson, U of M School of Medicine

Mike John, U of M School of Dentistry

Jean Johnson, Minnesota Department of Health

Yvonne Jonk, Minneapolis VA Medical Center

Jeffrey Kahn, U of M Center for Bioethics

Edward Kaplan, U of M School of Medicine

Madeleine Kerr, U of M School of Nursing

Sheila Kiscaden, consultant

Gerhard Knutson, Knutson Ventilation Consulting

Joseph Konstan, U of M Institute of Technology

U. Beate Krinke, retired

Daniel Kromhout, Wageningen University

Richard Krueger, U of M Extension Service; U of M College of Education and Human Development

Patrick Langan, Langan and Flynn, LLC, U of M Carlson School of Management

Barbara Leonard, U of M School of Nursing

Catherine Lexau, Minnesota Department of Health

Louise Liao, Minnesota Department of Health

Ruth Lynfield, Minnesota Department of Health

Sumithra Mandrekar, Mayo Clinic

Karen Margolis, HealthPartners Research Foundation; U of M School of Medicine

Melissa Martinson, Technomics Research, LLC

Catherine McCarty, Marshfield Medical Research Foundation

Michael McGrail, Jr., Park Nicollet Health Services

Charles McJilton, retired

Kristine Moore, U of M Center for Infectious Disease Research and Policy

Chisato Mori, Chiba University

John Mulhausen, 3M

Gretchen Musicant, Minneapolis Department of Health and Family Support

Kamakshi (Lakshmi) Narayan, U of M School of Medicine

Joseph Neglia, U of M School of Medicine

David Nelson, U of M School of Medicine; Minneapolis VA Medical Center

Kirsten Ness, St. Jude Children's Research Hospital

Luanne Nyberg, United Health Care Corporation

Gary Olmstead, General Mills

Geary Olsen, 3M

Stephen Parente, U of M Carlson School of Management

David Parker, HealthPartners

Melissa Partin, Minneapolis VA Medical Center

Cheryl Perry, University of Texas

Moira Petit, U of M School of Kinesiology

Janet Porter, Dana-Farber Cancer Institute

Gregory Pratt, Minnesota Pollution Control Agency

Judith Punyko, Minnesota Department of Health

David Radosevich, U of M School of Medicine

Maureen Reed, health care consultant

John Reiling, Safe by Design Co.

Michael Resnick, U of M School of Medicine

Frank Rhame, Abbott-Northwestern Hospital; U of M School of Medicine

Julie Ross, U of M School of Medicine

Robert Roy, 3M

Lewis Sandy, United Health Group

Daniel Sargent, Mayo Clinic

Peter Scal, U of M School of Medicine

Kathryn Schmitz, University of Pennsylvania

Sellman Schulz, U of M School of Medicine

Stanton Shanedling, Ingenix; U of M University College Extension

Alice Shapiro, Park Nicollet Institute

Pamela Shubat, Minnesota Department of Health

John Shutske, U of M Department of Bioproducts and Biosystems Engineering

Alan Sinaiko, U of M School of Medicine

Jeff Sloan, Mayo Clinic

Kirk Smith, Minnesota Department of Health

Brian Southwell, U of M School of Journalism and Mass Communication

Logan Spector, U of M School of Medicine

William Stauffer, U of M School of Medicine

Linda Stein, Metropolitan Health Plan

Harry Sutton, Reden & Anders, Ltd.

Marc Swiontkowski, University of Minnesota Children's Hospital, Fairview

George Tadros, Cardiovascular Consultants, Ltd.

Brent Taylor, Minneapolis VA Medical Center; U of M School of Medicine

Paul Terry, StayWell Health Management

Michael Trujillo, Translational Genomics Research Institute; Arizona State University

Lisa Turnham, Minnesota Organization on Adolescent Pregnancy, Prevention, and Parenting

Michelle van Ryn, U of M School of Medicine

Prathibha Varkey, Mayo Clinic

Nicole Vars McCullough, 3M

Scott Wells, U of M College of Veterinary Medicine

William West, U of M Department of Writing Studies

Allan Williams, Minnesota Department of Health

Lisa Yost, Exponent

Margaret Youngquist, Ramsey County Department of Public Health

Marcus Yzer, U of M School of Journalism and Mass Communication

Chang-Jiang Zheng, Regions Hospital

RETIRED AND EMERITUS FACULTY

The School of Public Health's strong reputation was built on the pioneering work of its retired and emeritus faculty members. These individuals were some of the first to conduct rigorous large-scale studies in their area of expertise, listed here. Many of them are still active in research and other academic endeavors.

RK Anderson,
human-animal relationships

Mila Aroskar,
ethics in public health

Donald Barber,
radiation, safety, dosimetry

Glenn Bartsch,
clinical trials

Henry Blackburn,
cardiovascular disease, epidemiology
and prevention

Lester Block,
health care policy, regulation of health
care providers

Judy Brown,
perinatal nutrition, nutrition and
women's health

Thomas Choi,
medical sociology, access,
mental health

E. Charlotte Carver,
public health nursing

Norman Craig,
health education

Richard Crow,
preventive cardiology programs,
cardiac rehabilitation

Bright Dornblaser,
developing innovative healthcare
organizations

Anne Goldman,
applications of biostatistics to health
sciences research

Velvi Greene,
microbiology

Eugene Johnson,
general linear models, regression,
applied clinical studies

John Kralewski,
medical group practices, managed
health care

Edith Leyasmeyer,
health care administration

Theodor Litman,
effects of premium costs on retiree
enrollment in health care plans

Jack Mandel,
occupational and environmental
epidemiology

Richard McHugh,
applications of biostatistics to
epidemiology

Orlando Ruschmeyer,
environmental contamination

Marla Salmon,
public health nursing

Robert Schwanke,
health education

Rexford Singer,
ground water contamination

Alma Sparrow,
public health nursing

Barbara Spradley,
public health nursing, health policy
and management

Lee Stauffer,
health care education

G. Kenneth Gordon,
long-term care administration

Ruth Stryker-Gordon,
long-term care administration

Robert Veninga,
management communications,
organizational behavior

Donald Vesley,
environmental microbiology

Carolyn Williams,
epidemiology and prevention of mental
health disorders, refugee mental health

CENTERS AFFILIATED WITH THE SPH

School of Public Health faculty lead nationally and internationally recognized centers focused on high-caliber research, outreach, and training. Reflecting the breadth of research conducted within the school, these centers share a common goal of improving population health.

CENTER FOR ENVIRONMENT AND HEALTH POLICY (CEHP)

<http://enhs.umn.edu/files/research>

Director: William Toscano

Focuses on improving the assessment, management, and communication of environmental health risks and fostering better environmental policy decisions.

CENTER FOR INFECTIOUS DISEASE RESEARCH AND POLICY (CIDRAP)

www.cidrap.umn.edu

Director: Michael Osterholm

Strives to reduce illness and death from infectious diseases by conducting original, interdisciplinary research and by facilitating public policy refinement and the adoption of science-based best practices among professionals and the public.

CENTER FOR LEADERSHIP EDUCATION IN MATERNAL AND CHILD PUBLIC HEALTH

www.epi.umn.edu/mch

Directors: Wendy Hellerstedt and Joän Patterson

Offers educational outreach programs and resources to professionals working in maternal and child health, with a focus on serving vulnerable populations.

CENTER FOR VIOLENCE PREVENTION AND CONTROL (CVPC)

www1.umn.edu/cvpc

Director: Susan Gerberich

Facilitates interdisciplinary collaboration in research that can ultimately affect the prevention and control of violence.

CENTER FOR YOUTH HEALTH PROMOTION (CYHP)

www.epi.umn.edu/cyhp

Director: Mary Story

Disseminates to schools and communities innovative youth health promotion programs and materials created in the Division of Epidemiology.

CENTERS FOR PUBLIC HEALTH EDUCATION AND OUTREACH (CPHEO)

cpheo.sph.umn.edu

Associate Dean for Education: Debra Olson

Serves as the bridge between the academic and public health practice communities, fostering global leadership through programs designed to promote life-long learning.

Training initiatives and resources managed by CPHEO include:

- Midwest Center for Life-Long-Learning in Public Health
- Midwest Center for Occupational Health and Safety
- Midwest Consortium for Hazardous Waste Worker Training Center, partner
- Public Health Leadership Institute
- University of Minnesota Center for Public Health Preparedness
- University of Minnesota: Simulations and Exercises for Educational Effectiveness

CENTER ON AGING (COA)

www.hpm.umn.edu/coa

Director: Robert Kane

Fosters basic and applied interdisciplinary research and education in gerontology and geriatrics education, research, and service.

CENTER TO STUDY HUMAN-ANIMAL RELATIONSHIPS AND ENVIRONMENTS (CENSHARE)

www.censhare.umn.edu

Director: R.K. Anderson

Creates opportunities to acquire, disseminate, and apply knowledge about the relationship between animals, humans, and their shared environment to improve the quality of life for all.

EPIDEMIOLOGY CLINICAL RESEARCH CENTER (ECRC)

www.epi.umn.edu/about/ecrc.shtm

Director: Kristine Ensrud

Facilitates studies that conduct research in osteoporosis, diabetes, obesity, estrogen, exercise and cardiovascular disease prevention.

EVIDENCE-BASED PRACTICE CENTER (EPC)

www.ahrq.gov/clinic/epc

Directors: Robert Kane and Timothy Wilt

Reviews scientific literature to produce evidence reports and technology assessments. The EPC is a program of the Agency for Healthcare Research and Quality.

HEALTH SURVEY RESEARCH CENTER (HSRC)

www.sph.umn.edu/hsrc

Director: Eileen Harwood

Supports University of Minnesota health research investigators in the development of health surveys and other data collection approaches in the management of research project data.

INSTITUTE FOR HEALTH INFORMATICS (IHI)

www.ihl.umn.edu

Director: Julie Jacko

Serves as a multidisciplinary center and resource for collaborative research across the University in strategic areas of health informatics.

MINNESOTA AREA GERIATRIC EDUCATION CENTER (MAGEC)

www.hpm.umn.edu/coa/magec

Director: Robert Kane

Pursues an interdisciplinary approach to advancing the quality and quantity of geriatric content in the health sciences.

MINNESOTA ECG CODING CENTER

www.epi.umn.edu/ecg

Director: Richard Crow

Documents the prognostic and diagnostic value of electrocardiography for epidemiological studies and clinical trials nationally and worldwide.

MINNESOTA TECHNICAL ASSISTANCE PROGRAM (MnTAP)

www.mntap.umn.edu

Director: Cindy McComas

Helps Minnesota businesses implement solutions that maximize resource efficiency, prevent pollution, and reduce costs to improve public health and the environment.

NUTRITION COORDINATING CENTER (NCC)

www.ncc.umn.edu

Director: Lisa Harnack

Develops, provides, and supports state-of-the-art methods and databases for researchers collecting and analyzing dietary data.

REGIONAL INJURY PREVENTION RESEARCH CENTER (RIPRC)

<http://enhs.umn.edu/riprc/riprc.html>

Co-Directors: Susan Gerberich and Bruce Alexander

Provides a multidisciplinary program for the prevention and control of injuries, including catastrophic and long-term disabling injuries, with attention to the rural environment.

RESEARCH DATA ASSISTANCE CENTER (ResDAC)

www.resdac.umn.edu

Director: Marshall McBean

Provides assistance to academic, government, and non-profit researchers interested in using Medicare and Medicaid data for their research.

RURAL HEALTH RESEARCH CENTER (RHRC)

www.hpm.umn.edu/rhrc

Director: Ira Moscovice

Conducts research and disseminates information that will help policymakers better address the unique health care needs of rural America.

STATE HEALTH ACCESS DATA ASSISTANCE CENTER (SHADAC)

www.shadac.org

Director: Lynn Blewett

Helps states monitor rates of health insurance coverage, understand factors associated with uninsurance, and evaluate state policy initiatives.

UNIVERSITY OF MINNESOTA OBESITY PREVENTION CENTER

www.obesityprevention.umn.edu

Director: Robert Jeffery

Coordinates University of Minnesota resources to provide leadership for multidisciplinary research and education to better understand and respond to the obesity epidemic.

UNIVERSITY OF MINNESOTA
Driven to DiscoverSM

420 Delaware Street S.E.
MMC 819
Minneapolis, MN 55455

For More Information

(612) 624-6669
(800) 774-8636
www.sph.umn.edu

Student Services Center
(612) 626-3500
(800) 774-8636
sph-ssc@umn.edu

