EMPH CULMINATING EXPERIENCE DIRECTORY

DIVISION of EPIDEMIOLOGY and COMMUNITY HEALTH

September, 2012
## Primary Faculty in EpiCH

<table>
<thead>
<tr>
<th>Faculty Member</th>
<th>Affiliations</th>
<th>Interests</th>
<th>Specific Data Sets or MPH Project Ideas</th>
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<tbody>
<tr>
<td>Alvaro Alonso, MD, PhD</td>
<td>Epi MPH</td>
<td>Epidemiology of cardiovascular and neurological diseases</td>
<td>Available data sets include: ARIC, a study of the causes and natural history of atherosclerosis and related diseases; and MESA, a multicenter prospective study of subclinical cardiovascular disease and risk factors in different ethnic groups. I have specific projects/ideas for MPH projects in the field of cardiac arrhythmias, cognitive decline, and dementia.</td>
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<td>Epi PhD</td>
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<tr>
<td>Kristin Anderson, PhD</td>
<td>Epi MPH</td>
<td>Laboratory-based cancer epidemiology; pancreatic cancer etiology, women’s cancers, cancer biology and epidemiology</td>
<td>I can help mentor students on projects related to cancer etiology for adult solid tumors. I am an investigator on the Iowa Women’s Health Study (IWHS) and can help students with projects in that, and several other cohorts with cancer endpoints. Aside from cancer, I have a project that would involve analyzing questionnaire data on aspirin use from women in the IWHS. I anticipate the project could lead to a publication.</td>
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<tr>
<td>Zobeida E. Bonilla, PhD</td>
<td>MCH</td>
<td>Latino/a health, global health (Caribbean region), maternal and child health, qualitative research methods, community-based research, program evaluation, medical anthropology</td>
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<tr>
<td>Sonya Brady, PhD</td>
<td>CHP</td>
<td>Health risk behavior during adolescence and young adulthood; Developmental influences on risk taking; Socioeconomic and ethnic disparities in consequences of 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</td>
<td>(1) Alcohol and College Life: University of Minnesota Twin Cities - Six waves of data available to examine psychosocial risk and protective factors that may contribute to patterns of alcohol use and related consequences among young adults in college across a 2-year period (n=153); (2) An Interactive Website to Reduce HIV-Risk Behavior and Promote Healthy Relationships - Seven waves of data available to examine patterns of sexual behavior, relationship involvement, and related constructs among adolescents across a 6-month period (n=147); (3) Stress-Related Health Disparities among African American Youth: A Systemic Focus on Risk and Resilience - Cross-sectional data available from structured interviews of 46 African American children aged 8-12 years and their caregivers, as well as from student records (e.g., children's standardized test scores).</td>
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<tr>
<td>Ellen Demerath, PhD</td>
<td>Epi MPH</td>
<td>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</td>
<td>Fels Longitudinal Study dataset of serial body mass and body composition data from childhood into adulthood, including a subset (N=300) with telomere length data. MRI data on visceral adipose tissue and associated cardiovascular disease risk factors in ~600 white and ~100 African American adults from the Southwest Ohio Family Heart Study.</td>
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<tr>
<td>Darin Erickson, PhD</td>
<td>Epi MPH</td>
<td>Alcohol prevention and etiology, latent variable analysis, longitudinal and time series analysis</td>
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<tr>
<td>John R. Finnegan, Jr., PhD</td>
<td>CHP</td>
<td>Media and public health; science and health reporting</td>
<td>Will help students design and implement media content evaluations.</td>
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<tr>
<td>Aaron Folsom, MD, MPH</td>
<td>Epi MPH</td>
<td>Cardiovascular epidemiology – traditional epidemiology, cohort studies related to CVD.</td>
<td>ARIC, MESA, LITE (venous thrombosis) cohorts. Contact for specific ideas at the moment.</td>
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<tr>
<td>Jean Forster, PhD, MPH</td>
<td>CHP</td>
<td>Prevention policy and community strategies to reduce chronic disease risk; health disparities</td>
<td>Baseline and follow-up of teens and parents in 15 communities. Survey of businesses and organizations about smoking policies. MN-MA Indoor Tanning Study (MMITS). Survey of teens about indoor tanning attitudes and behaviors, survey of their mothers, survey of tanning businesses, survey of environmental health officials about indoor tanning inspections, purchase attempts by 15 year old girls in tanning businesses. MN Adolescent Community Cohort Study (MACC). Survey of 4200 teens in Minnesota and surrounding states repeated every 6 months. Prevalence of tobacco behaviors and attitudes.</td>
</tr>
<tr>
<td>Simone French, PhD</td>
<td>CHP</td>
<td>Social and environmental influences on eating and physical activity behaviors; Community-based strategies for eating behavior change; Adolescent nutrition and physical activity</td>
<td>Route H worksite intervention with metro transit bus drivers: N=1200 cross-section; N=600 cohort. Measures at BL and 18 mo FU: body weight, eating behaviors, physical activity. Take Action household obesity prevention intervention. BL and 12 mo FU data. N=90 households. Data on household adults and adolescents. TV viewing, food choices, physical activity, household purchases (receipt data), home food inventories.</td>
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<tr>
<td>Bernard Harlow, PhD</td>
<td>Epi MPH</td>
<td>Women’s reproductive and gynecologic health, particularly the relationship between psychiatric morbidity and adverse reproductive outcomes</td>
<td>Harvard Study of Moods and Cycles – longitudinal study of women with and without a lifetime history of depression with very detailed information around menstrual cycle, hormonal and other reproductive changes that occur as women move through the menopausal transition. Etiological Predictors of Vulvodynia dataset – population-based case-control study of medical, environmental, and lifestyle factors associated with the vulvar pain syndrome.</td>
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<tr>
<td>Lisa Harnack, PhD</td>
<td>Epi MPH</td>
<td>Dietary assessment, obesity prevention, nutrition surveillance</td>
<td>Test various approaches to improving food portion size estimation and completeness of food intake reporting. Analyze dataset to examine trends in the nutritional quality of menu items available at leading fast food restaurant chains. Develop improved method for collecting food history information in foodborne disease outbreak investigations.</td>
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<tr>
<td>Eileen Harwood, PhD</td>
<td>CHP</td>
<td>Research methods: community health program and policy evaluation; survey design and qualitative data collection; and qualitative data analysis and interpretation.</td>
<td>I am frequently asked by community programs to find students interested in helping them conduct small program evaluations. Also, I hear of several other kinds of community volunteer or work experiences that easily turn into masters’ projects. Let me know if you are interested in hearing about these opportunities.</td>
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<tr>
<td>Wendy Hellerstedt, PhD</td>
<td>Epi MPH</td>
<td>Reproductive and perinatal health</td>
<td>Use of secondary data (e.g., Minnesota Student Survey, YRBS, NSFG) to examine sexual behavior and related outcomes for women, men, or adolescents.</td>
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<tr>
<td>Deborah Hennrikus, Ph.D.</td>
<td>CHP</td>
<td>Tobacco control interventions, environmental tobacco smoke, health behavior, health education in clinical settings, worksite health promotion</td>
<td>I have three datasets from tobacco control interventions. Two of them targeted pregnant women and new mothers. The BEST for Baby study was an assessment of an intervention to decrease infants’ exposure to environmental tobacco smoke. The Baby STEPS Project was a smoking cessation study for low-income pregnant women that assessed the effectiveness of increasing social support for quitting smoking. The third project was a smoking cessation intervention for patients with peripheral artery disease. In each of these studies, data from a baseline and two follow-up assessments are available.</td>
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<tr>
<td>John Himes, PhD, MPH</td>
<td>Epi MPH</td>
<td>Child growth and nutrition; anthropometric assessment of nutritional status; dietary assessment; obesity</td>
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<tr>
<td>Rachel R. Huxley, MA, DPhil</td>
<td>Cardiovascular epidemiology with a particular focus on the contribution of major and modifiable risk factors to disease burden including cigarette smoking and physical activity, diabetes and obesity</td>
<td>Available data sets include CARDIA (a longitudinal study of young adults), MESA (a longitudinal study of middle age and older adults), and the Minnesota Heart Survey.</td>
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<tr>
<td>David Jacobs, PhD</td>
<td>Epi MPH</td>
<td>Biostatistics; cardiovascular epidemiology; nutritional epidemiology; low cholesterol and disease</td>
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<tr>
<td>Robert Jeffery, PhD</td>
<td>CHP</td>
<td>Obesity, diet, physical activity, health behavior</td>
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<tr>
<td>Rhonda Jones-Webb, DrPH</td>
<td>CHP</td>
<td>Alcohol epidemiology and policy; minority health</td>
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<tr>
<td>Shalini Kulasingam, PhD</td>
<td>Epi MPH</td>
<td>Human papillomavirus (HPV), cervical cancer, cancer screening, vaccines, public health policy, decision and cost-effectiveness modeling</td>
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<tr>
<td>Harry Lando, PhD</td>
<td>CHP</td>
<td>Global tobacco reduction, smoking intervention in medically compromised patients; working to bring tobacco researchers and other stakeholders together in pursuit of common tobacco reduction objectives</td>
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<tr>
<td>Melissa Laska, PhD, RD</td>
<td>Epi PhD</td>
<td>Young adult obesity prevention, weight gain, and nutrition promotion; environmental, social and behavioral determinants of nutrition, physical activity during adolescence and young adulthood</td>
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*email is the best way of reaching Dr. Laska
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<tr>
<td>DeAnn Lazovich, PhD</td>
<td>Epi MPH</td>
<td>Cancer epidemiology and control</td>
<td>Data from the Skin Health Study: Analyze data for associations between malignant melanoma and statin use, lifetime UV exposure, outdoor occupation history etc., or genetic characteristics, and gene-environment interactions.</td>
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<tr>
<td></td>
<td>Epi PhD</td>
<td>Skin cancer prevention, cancer survivorship</td>
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<td>I am the Principal Investigator for the Iowa Women’s Health Study (IWHS, <a href="http://www.cancer.umn.edu/research/programs/peiowa.html">http://www.cancer.umn.edu/research/programs/peiowa.html</a>), a prospective cohort study of cancer risk factors among postmenopausal women. The study has collected data on dietary intake, body composition, physical activity, reproductive/medical history and quality of life from more than 41,000 women over the past 28 years. We have also created a cancer survivor sub-cohort to evaluate factors associated with outcomes and quality of life among female cancer survivors.</td>
</tr>
<tr>
<td>Alan Liison, MD, MPH</td>
<td>Epi MPH</td>
<td>Infectious diseases and international health, especially HIV/AIDS in developing countries. Also HIV in US populations, tuberculosis, sexually transmitted diseases</td>
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<tr>
<td>Jennifer Linde, PhD</td>
<td>CHP Epi PhD</td>
<td>Obesity prevention and treatment; weight control behaviors; weight control message delivery; psychological assessment; worksite weight gain prevention</td>
<td>See listing for Dr. Jeffery for more information</td>
</tr>
<tr>
<td>Pamela L. Lutsey, PhD, MPH</td>
<td>Epi MPH</td>
<td>Cardiovascular disease epidemiology. Primary interests include venous thromboembolism, novel biomarkers (e.g. coagulation factors, vitamin D), sleep disordered breathing, and diet.</td>
<td>Ideas related to vitamin D and related biomarkers, and also sleep epidemiology. Additionally, I am a CoInvestigator on ARIC, MESA, and LITE, and have ideas stemming from these datasets as well.</td>
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### Faculty Member Affiliations Interests Specific Data Sets or MPH Project Ideas

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<tr>
<td>Richard MacLehose, PhD</td>
<td>Epi MPH Epi PhD</td>
<td>Epidemiologic methods, semiparametric models, Bayesian methods, reproductive epidemiology, environmental epidemiology</td>
<td>1) Effect of social and demographic factors on toxoplasmosis in Chile. 2) Evaluation of a testing algorithm for attribution of sources of infection in toxoplasmosis 3) Awareness about congenital infections in pregnant women from Chile. 4) Factors associated with frequency of consumption and origin of food in communities from southern Chile 5) Small scale spatial analysis of leptospirosis infection in Chile 6) A systematic literature review of leptospirosis outbreaks worldwide</td>
</tr>
<tr>
<td>Munoz-Zanzi, Claudia, DVM, MPVM, PhD</td>
<td>Epi MPH Epi PhD MCH</td>
<td>Zoonotic infections, leptospirosis, toxoplasmosis, international health, diagnostic epidemiology</td>
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<tr>
<td>Heather Nelson, PhD, MPH Cancer Center</td>
<td>Epi MPH Epi PhD</td>
<td>Cancer susceptibility and etiology using both laboratory and epidemiologic tools; gene-environment interactions; skin cancer, mesothelioma, and other exposure-related malignancies</td>
<td>(1) Molecular epidemiology on non-melanoma skin cancer. This is a large, population-based case-control study of skin cancer with opportunities for data analysis and manuscript writing. Topic areas include genetic susceptibility (DNA repair, immune signaling, SNP<em>environment interaction analysis of GWAS SNPs), cutaneous HPV infection, genetics of early onset disease (2) Molecular epidemiology of bladder cancer. This is a case-control study of bladder cancer conducted in Shanghai with opportunities for data analysis and manuscript writing. Topic areas include genotype-phenotype analyses of CYP2D6 and NAT metabolism, relationship of metabolism variants to bladder cancer risk, GWAS</em>environment interaction analysis.</td>
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<tr>
<td>Dianne Neumark-Sztainer, PhD, MPH</td>
<td>CHP Epi PhD MCH Nutr</td>
<td>Adolescent health and nutrition; obesity and eating disorder prevention; health behavior change; nutrition education program design and evaluation</td>
<td>Project EAT: Surveys of eating patterns, physical activity, unhealthy weight control behaviors, weight concerns and other adolescent health issues in large population-based sample of adolescents and young adults. We have a few data sets. We have 10-year longitudinal data on approximately 2000 adolescents transitioning into young adulthood. It would be possible to use the longitudinal data or just the data on young adults. We also have multi-level data on 2800 adolescents and their parents (mother and father), peers, schools, and neighborhoods. Many opportunities for students with strong data analysis and writing skills.</td>
</tr>
<tr>
<td>Ruby Nguyen, PhD</td>
<td>CHP Epi MPH Epi PhD MCH</td>
<td>The biology of women’s health, reproduction, and pregnancy</td>
<td>Prospective data of pain in pregnancy; national vulvodynia data; high-risk obstetric clinic data</td>
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<tr>
<td>Michael Oakes, PhD</td>
<td>CHP Epi MPH Epi PhD MCH</td>
<td>Quantitative methods, social epidemiology, research ethics</td>
<td>The US Current Population Survey on income, poverty and health insurance. The Fragile Family Survey examining low income families and homelessness</td>
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<tr>
<td>Charles Oberg, MD, MPH</td>
<td>Epi MPH Epi PhD MCH</td>
<td>Health disparities, childhood poverty, health care access and finance</td>
<td>ARIC Study (longitudinal cohort study of CVD); MESA Study (longitudinal cohort study of CVD), Beaver Dam Offspring Study (longitudinal cohort and family study of aging); CALICO Study (genetic epidemiology of CVD)</td>
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<tr>
<td>James Pankow, PhD, MPH</td>
<td>Epi MPH Epi PhD</td>
<td>Cardiovascular genetic epidemiology; diabetes epidemiology</td>
<td>I am Principal Investigator for the Singapore Diabetes Study, funding by NIDDK, which explores the epidemiology, including environmental, lifestyle, and genetic factors involved in type 2 diabetes in the Singaporean Chinese Health Study. I have also led several controlled dietary and exercise interventions in youth and adults, so there are many possibilities for student projects on experimental studies as well. Finally, I continue to be involved in secondary analyses of several of our existing cohort studies, including CARDIA, ARIC, IWHS, and MESA, as well as the NHANES data sets</td>
</tr>
<tr>
<td>Mark Pereira, PhD, MPH</td>
<td>Epi MPH Epi PhD Nutr</td>
<td>Nutrition and physical activity in the etiology and prevention of obesity, type 2 diabetes, and cardiovascular disease, including clinical nutrition (experimental) and nutritional epidemiology.</td>
<td>I am Principal Investigator for the Singapore Diabetes Study, funding by NIDDK, which explores the epidemiology, including environmental, lifestyle, and genetic factors involved in type 2 diabetes in the Singaporean Chinese Health Study. I have also led several controlled dietary and exercise interventions in youth and adults, so there are many possibilities for student projects on experimental studies as well. Finally, I continue to be involved in secondary analyses of several of our existing cohort studies, including CARDIA, ARIC, IWHS, and MESA, as well as the NHANES data sets</td>
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Primary Faculty Members:

- Dianne Neumark-Sztainer, PhD, MPH
  - Affiliations: CHP Epi PhD MCH Nutr
  - Interests: Adolescent health and nutrition; obesity and eating disorder prevention; health behavior change; nutrition education program design and evaluation
  - Project EAT: Surveys of eating patterns, physical activity, unhealthy weight control behaviors, weight concerns and other adolescent health issues in large population-based sample of adolescents and young adults. We have a few data sets. We have 10-year longitudinal data on approximately 2000 adolescents transitioning into young adulthood. It would be possible to use the longitudinal data or just the data on young adults. We also have multi-level data on 2800 adolescents and their parents (mother and father), peers, schools, and neighborhoods. Many opportunities for students with strong data analysis and writing skills.

- Ruby Nguyen, PhD
  - Affiliations: CHP Epi MPH Epi PhD MCH
  - Interests: The biology of women’s health, reproduction, and pregnancy
  - Prospective data of pain in pregnancy; national vulvodynia data; high-risk obstetric clinic data

- Michael Oakes, PhD
  - Affiliations: CHP Epi MPH Epi PhD MCH
  - Interests: Quantitative methods, social epidemiology, research ethics
  - The US Current Population Survey on income, poverty and health insurance. The Fragile Family Survey examining low income families and homelessness

- Charles Oberg, MD, MPH
  - Affiliations: Epi MPH Epi PhD MCH
  - Interests: Health disparities, childhood poverty, health care access and finance
  - ARIC Study (longitudinal cohort study of CVD); MESA Study (longitudinal cohort study of CVD), Beaver Dam Offspring Study (longitudinal cohort and family study of aging); CALICO Study (genetic epidemiology of CVD)

- James Pankow, PhD, MPH
  - Affiliations: Epi MPH Epi PhD
  - Interests: Cardiovascular genetic epidemiology; diabetes epidemiology
  - I am Principal Investigator for the Singapore Diabetes Study, funding by NIDDK, which explores the epidemiology, including environmental, lifestyle, and genetic factors involved in type 2 diabetes in the Singaporean Chinese Health Study. I have also led several controlled dietary and exercise interventions in youth and adults, so there are many possibilities for student projects on experimental studies as well. Finally, I continue to be involved in secondary analyses of several of our existing cohort studies, including CARDIA, ARIC, IWHS, and MESA, as well as the NHANES data sets

- Mark Pereira, PhD, MPH
  - Affiliations: Epi MPH Epi PhD Nutr
  - Interests: Nutrition and physical activity in the etiology and prevention of obesity, type 2 diabetes, and cardiovascular disease, including clinical nutrition (experimental) and nutritional epidemiology.
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<tr>
<td>B.R. Simon Rosser, PhD, MPH, LP</td>
<td>CHP Epi MPH Epi PhD</td>
<td>HIV prevention; e-Public Health; Internet-based interventions; sexual health; gay, lesbian, bisexual, transgender community health; structural/macro interventions research; effects of religiosity and religious identity on sexual health; cyberpornography and effects of sexually explicit media.</td>
<td>I have several studies with data sets available for secondary data analyses: (1) The <em>Men’s Internet Study-III (MINTS-III)</em> is an RCT of an online HIV prevention intervention based in persuasive computing collecting data on unsafe sex over 6 time periods; (2) <em>SEM</em> is an online cross-sectional survey study exploring the relationship between sexually explicit media use and HIV among gay/bi men; (3) <em>SILAS</em> is a 16-city study (8 with pro-gay laws; 8 with anti-gay laws) examining the effects of laws related to homosexuality on the alcohol use and mental health of MSM, annually repeated over 4 years; (4) <em>Man-to-Man</em> is evaluating the effects of a weekend seminar on improving the sexual health of gay and bisexual men; and (5) our team is conducting formative research on an online chemical risk reduction intervention for meth- and poly-drug using MSM. For more information, see the HIPS website: <a href="http://www.sph.umn.edu/epi/research/HIPS/index.asp">www.sph.umn.edu/epi/research/HIPS/index.asp</a></td>
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<tr>
<td>Pamela Schreiner, PhD, MS, MS</td>
<td>Epi MPH Epi PhD MCH</td>
<td>Cardiovascular disease epidemiology and etiology; the perimenopausal transition; pet ownership and health</td>
<td>CARDIA, a biracial cohort study of cardiovascular and genetic risk factors related to early cardiovascular disease; CARDIA Women's Study, a study of the relationships between polycystic ovarian syndrome, hyperandrogenism, early cardiovascular disease and the metabolic syndrome; CARDIA Fitness Study, a study of fitness, body composition and genetics related to early cardiovascular disease</td>
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<tr>
<td>Nancy Sherwood, PhD</td>
<td>CHE Epi PhD Nut</td>
<td>Obesity prevention and treatment in children and adults</td>
<td>I have several studies with data sets available for secondary analysis: 1) The <em>Keep It Off</em> study was a randomized trial evaluating the efficacy of a weight loss maintenance intervention for adults (n=419) who had recently lost at least 10% of their body weight. The data set includes body weight, dietary intake, physical activity, and psychosocial measures at 6 month intervals for a 2 year period; 2) The <em>Food, Attitudes, and Body</em> study was a randomized trial comparing the efficacy of a commercial weight loss program in comparison to usual care. The data set includes body weight and various related psychosocial measures at 6 month intervals for a 2 year period; 3) The <em>Healthy Homes/Healthy Kids</em> study is an ongoing randomized trial of 400 parent/child dyads evaluating the efficacy of a pediatric primary care-based obesity prevention intervention. Baseline data are available for secondary analyses.</td>
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<tr>
<td>Jamie Stang, PhD, MPH, RD</td>
<td>MCH, Nutr</td>
<td>Prevention of gestational diabetes, community-based participatory research related to nutrition issues, maternal and child nutrition, behavioral approaches to child nutrition and obesity.</td>
<td>I have access to data from the StrongHeart Diet Study data (phases 3-5) and Infant Feeding Practices study (CDC/FDA) which students can utilize. Opportunities for students to be involved in assessing the need for and components of gestational diabetes prevention programs and preconception weight management programs among women of all racial/ethnic groups in the 7-county metro area.</td>
</tr>
<tr>
<td>Lyn M. Steffen, PhD, MPH, RD</td>
<td>Epi MPH, Epi PhD, Nutr</td>
<td>CVD epidemiology; nutritional epidemiology; especially interested in the relation of food and dietary pattern intake related to venous thromboembolism, blood pressure, metabolic syndrome, and heart disease</td>
<td>I am involved in the following studies: West Side Mom’s Project a study of body composition and dietary intake in Hispanic and non-Hispanic white women; Minnesota Heart Survey (MHS): a population-based study of cardiovascular risk factors; ARIC: multi-center study of CVD in middle-aged adults; and CARDIA: multi-center study of CVD in young adults.</td>
</tr>
<tr>
<td>Mary Story, PhD</td>
<td>Epi PhD, CHP, MCH, Nutr</td>
<td>Child and adolescent nutrition, obesity prevention, eating behaviors, environment and policy change related to healthy eating</td>
<td></td>
</tr>
<tr>
<td>Weihong Tang, MD, PhD</td>
<td>Epi MPH, Epi PhD</td>
<td>Epidemiology and genetic epidemiology of cardiovascular disease including left ventricular hypertrophy and dysfunction, venous thromboembolism, heart failure, diabetes, metabolic syndrome, and obesity. Identification of novel biomarkers for cardiovascular disease by genetic analysis approach.</td>
<td>Calcineurin-LVH study: to investigate a novel enzyme calcineurin as biomarker for left ventricular hypertrophy and dysfunction and to explore its genetic influences and associations with diabetes, oxidative stress, and immune function. Genetic Epidemiological Study of Venous Thromboembolism and Hemostatic Factors: to investigate the genetic determinants of venous thromboembolism and its intermediate phenotypes at the population level.</td>
</tr>
<tr>
<td>Traci Toomey, PhD, MPH</td>
<td>Epi MPH, Epi PhD, CHP</td>
<td>Alcohol, tobacco, and injury-prevention policies.</td>
<td>We have a comprehensive dataset for the city of Minneapolis that includes crime data, park observations, surveys of neighborhood associations, and licensed and non-licensed businesses. There may be a variety of research questions that can be answered with these data. The dataset may be of strong interest to students wanting to pursue geospatial analyses.</td>
</tr>
</tbody>
</table>
## Primary Faculty in EpiCH

<table>
<thead>
<tr>
<th>Faculty Member</th>
<th>Affiliations</th>
<th>Interests</th>
<th>Specific Data Sets or MPH Project Ideas</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rachel Widome, PhD, MHS</td>
<td>Epi MPH CHE</td>
<td>Social determinants of health, policy as a prevention strategy, young adult health issues, health disparities, tobacco use, adolescent health, weight-related behaviors</td>
<td>Correlates Of Underage sales and Neighborhood Tobacco Retailing (COUNTR) -- Cross-sectional study of point-of-sale tobacco advertising in all (n=550) retail establishments in Ramsey County, MN, geocoded, and merged with tobacco youth access enforcement assessment data. Veterans Victory Project – A tobacco cessation trial where ~6,000 veterans were randomized to either proactive outreach or usual care Other possibilities with VA data…</td>
</tr>
<tr>
<td>MHS Core Investigator, Center for Chronic Disease Outcomes Research (CCDOR) Assistant Professor, Department of Medicine Adjunct Assistant Professor, Division of Epidemiology and Community Health VA Medical Center One Veterans Drive (111-0/3E) Minneapolis, MN  55417 612-629-7726 <a href="mailto:chel@umn.edu">chel@umn.edu</a></td>
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</tbody>
</table>
Adjunct faculty (these individuals have all indicated an interest in working with MPH students on their projects):

<table>
<thead>
<tr>
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<th>Specific Data Sets or MPH Project Ideas</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bruce Alexander, PhD</td>
<td>Epi MPH</td>
<td>Occupational and environmental epidemiology</td>
<td>Students would need to discuss to create specific projects.</td>
</tr>
<tr>
<td>Division of Environmental Health Sciences</td>
<td>Epi PhD</td>
<td></td>
<td>Respiratory health and exposure to asbestos contaminated vermiculite in N.E. Minneapolis</td>
</tr>
<tr>
<td>1239 Mayo Building</td>
<td></td>
<td></td>
<td>Taconite Worker Health study</td>
</tr>
<tr>
<td>612-625-7934</td>
<td></td>
<td></td>
<td>U.S. Radiologic Technologists Cohort</td>
</tr>
<tr>
<td><a href="mailto:balex@umn.edu">balex@umn.edu</a></td>
<td></td>
<td></td>
<td>Agricultural worker health and safety</td>
</tr>
<tr>
<td>Sara Axtell, PhD</td>
<td>CHP</td>
<td>Community engagement, cross-cultural engagement, cultural knowledge systems and community health</td>
<td>Data sets: antibiotic resistance organisms, farm level data of enteric pathogens</td>
</tr>
<tr>
<td>Community-Campus Health Liaison</td>
<td>MCH</td>
<td></td>
<td>Project areas: Occupational safety of agricultural workers, zoonotic diseases, MRSA transmission between animals and humans; Antibiotic resistant Salmonella; Food safety of local and organic foods, disease surveillance and early detection</td>
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<tr>
<td>Family Social Science</td>
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<tr>
<td>282 McNeal Hall</td>
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<tr>
<td>St. Paul Campus</td>
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<tr>
<td>612-625-0252</td>
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<tr>
<td><a href="mailto:axtel002@umn.edu">axtel002@umn.edu</a></td>
<td></td>
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<tr>
<td>Jeff Bender, DVM, MS, DACVPM</td>
<td>Epi MPH</td>
<td>Zoonotic Diseases, Emerging Diseases, Food safety, and antimicrobial resistance</td>
<td>Data sets: antibiotic resistance organisms, farm level data of enteric pathogens</td>
</tr>
<tr>
<td>Veterinary Public Health</td>
<td>Epi PhD</td>
<td></td>
<td>Project areas: Occupational safety of agricultural workers, zoonotic diseases, MRSA transmission between animals and humans; Antibiotic resistant Salmonella; Food safety of local and organic foods, disease surveillance and early detection</td>
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<tr>
<td>University of Minnesota</td>
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<td>St. Paul, MN 55108</td>
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<td>612-625-6203</td>
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<tr>
<td><a href="mailto:bende002@umn.edu">bende002@umn.edu</a></td>
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<tr>
<td>Mark Bergeron, MD, MPH Assistant Professor, Pediatrics University of Minnesota Medical School Adjunct Assistant Professor, University of Minnesota School of Public Health Associates in Newborn Medicine, PA 347 N. Smith Ave, Suite 505 St. Paul, MN 55102 651-220-6260 <a href="mailto:berge356@umn.edu">berge356@umn.edu</a></td>
<td>MCH</td>
<td>Rapid cycle QI projects (inpatient) Neonatal outcomes (VLBW/ELBW, encephalopathy) Post traumatic stress in NICU parents</td>
<td>Bayley III scores for hundreds of babies since 1990s Neonatal outcomes registry through Vermont Oxford Network</td>
</tr>
</tbody>
</table>
Adjunct faculty (these individuals have all indicated an interest in working with MPH students on their projects):

<table>
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<tbody>
<tr>
<td>Lynn Bretl, MPP</td>
<td>MCH</td>
<td>Adolescent sexual and reproductive health, adolescent health promotion, teen pregnancy prevention, youth development, sex education policies in the U.S.</td>
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</tr>
<tr>
<td></td>
<td>CHP</td>
<td>Physical, mental and reproductive health consequences of violence exposure; health effects of uni- and bi-directional intimate partner violence (IPV), prevalence and predictors of IPV/ dating violence; health disparities in IPV.</td>
<td></td>
</tr>
<tr>
<td>Cari J. Clark, Sc.D., M.P.H.</td>
<td>Nutr</td>
<td>International nutrition, micronutrient deficiencies, iron deficiency and infectious disease</td>
<td></td>
</tr>
<tr>
<td>Sarah Cusick, Ph.D.</td>
<td>Epi MPH Epi PhD</td>
<td>Infectious disease epidemiology including foodborne, vectorborne, zoonotic diseases; selective emerging infections such as invasive bacterial infections (group A streptococcus, group B streptococcus, methicillin-resistant Staphylococcus aureus, pneumococcal infections), transmissible spongiform encephalopathies. Bioterrorism</td>
<td></td>
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<tr>
<td>Richard Danila, PhD, MPH</td>
<td></td>
<td>Minnesota Department of Health surveillance datasets including foodborne and vекторborne diseases; emerging infections such as group A streptococcus, group B streptococcus, S. Pneumoniae; data include laboratory variables such as molecular subtyping and antimicrobial susceptibility patterns; outbreak datasets. Influenza</td>
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</table>
| Sue Duval, PhD, FAHA            | CR Epi MPH  Epi PhD           | Evaluation of the efficacy, harm and cost-effectiveness of cardiovascular disease behavioral, pharmacological and device-based therapeutic interventions, spanning coronary artery and peripheral artery disease (PAD) syndromes, heart failure, and other cardiovascular diseases | Various data sets related to cardiovascular and vascular disease epidemiology  
Several administrative claims data sets  
FRIENDS registry (Critical Limb Ischemia)  
Nationwide Inpatient Sample  
UNOS (United Network of Organ Sharing)  
Rasmussen Center data set (Cardiovascular Disease Prevention) |
| Associate Professor of Medicine  |                               | Epidemiology of cardiovascular diseases  
Analysis of administrative databases and registries  
Meta-analytic methods  
Evidence-based health care                                                                                                                                                                                                 |                                                                                                                                 |
| and Biostatistics                |                               |                                                                                                                                                                                                           |                                                                                                                                 |
| Lillehei Clinical Research Unit |                               |                                                                                                                                                                                                           |                                                                                                                                 |
| Cardiovascular Division         |                               |                                                                                                                                                                                                           |                                                                                                                                 |
| University of Minnesota Medical |                               |                                                                                                                                                                                                           |                                                                                                                                 |
| School 420 Delaware Street SE,  |                               |                                                                                                                                                                                                           |                                                                                                                                 |
| MMC 508 Minneapolis, MN 55455   | duval002@umn.edu 612-626-1370 |                                                                                                                                                                                                           |                                                                                                                                 |
| Kristen Ehresmann, RN, MPH      | Epi MPH                       | Infectious disease epidemiology, vaccine-preventable disease (e.g. measles, mumps, rubella, varicella, influenza, viral hepatitis), international health, immunization assessment, population health issues, tuberculosis, hepatitis C; refugee health and immunization registries  | MDH surveillance data on TB and vaccine-preventable disease; data include molecular subtyping and susceptibility patterns |
| Section Chief                  |                               |                                                                                                                                                                                                           |                                                                                                                                 |
| Immunization, Tuberculosis, &   |                               |                                                                                                                                                                                                           |                                                                                                                                 |
| International Health Section    |                               |                                                                                                                                                                                                           |                                                                                                                                 |
| Minnesota Department of Health  |                               |                                                                                                                                                                                                           |                                                                                                                                 |
| P.O. Box 64975 St. Paul, MN 55164-0975 651-201-5507 kristen.ehresmann@state.mn.us |                               |                                                                                                                                                                                                           |                                                                                                                                 |
| Marla Eisenberg, Sc.D., MPH     | CHP Epi PhD                   | Social influences on health behaviors of adolescents and young adults, with a focus on sexual behaviors, disordered eating and sexual orientation | Minnesota Student Survey, College Student Health Survey, Sex Education Teachers’ Survey; qualitative data re: colleges’ sexual health resources |
| Assistant Professor             |                               |                                                                                                                                                                                                           |                                                                                                                                 |
| Division of Adolescent Health &  |                               |                                                                                                                                                                                                           |                                                                                                                                 |
| Medicine Department of Pediatrics|                               |                                                                                                                                                                                                           |                                                                                                                                 |
| 717 Delaware Street SE, 3rd Floor |                               |                                                                                                                                                                                                           |                                                                                                                                 |
| University of Minnesota         |                               |                                                                                                                                                                                                           |                                                                                                                                 |
| Minneapolis, MN 55414 612-624-9462 eisen012@umn.edu |                               |                                                                                                                                                                                                           |                                                                                                                                 |
Adjunct faculty (these individuals have all indicated an interest in working with MPH students on their projects):

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</thead>
<tbody>
<tr>
<td>Kristine Ensrud, MD, MPH</td>
<td>CR</td>
<td>Epidemiology of age-related conditions including osteoporosis, menopause and sleep disorders</td>
<td>Study of Osteoporotic Fractures (prospective cohort study of 10,366 elderly women followed for outcomes including fractures, breast cancer, cognitive function, sleep disorders, mortality); Osteoporotic Fractures in Men (prospective cohort study of 5,995 elderly men followed for outcomes including fractures, prostate cancer, sleep disorders); Randomized controlled trials in treatment of osteoporosis, menopausal symptoms, and testosterone deficiency.</td>
</tr>
<tr>
<td>Professor of Medicine and Epidemiology VA Medical Center</td>
<td>Epi MPH Epi PhD</td>
<td></td>
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</tr>
<tr>
<td>General Internal Medicine (111-0) One Veterans Drive Minneapolis, MN 55417 612-467-5841 <a href="mailto:ensru001@umn.edu">ensru001@umn.edu</a></td>
<td></td>
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</tr>
<tr>
<td>Howard Fink, MD., MPH</td>
<td>Epi MPH</td>
<td>Epidemiology of chronic disease in older adults, focusing on osteoporosis, male sexual function, disability and cognitive decline. Systematic reviews and meta-analyses, focusing on kidney disease and cognitive outcomes after cardiovascular procedures.</td>
<td>Osteoporotic Fractures in Men (MrOS), Study of Osteoporotic Fractures (SOF), and Cardiovascular Health Study (CHS) prospective cohorts. MrOS &amp; SOF initially emphasized osteoporosis and fractures and CHS emphasized cardiovascular outcomes. All now have extensive additional data, including on physical function, sleep, sexual function, sleep, etc. MrOS and SOF are in the process of being merged with Medicare. For more information on SOF, visit <a href="http://www.sof.ucsf.edu/public/">http://www.sof.ucsf.edu/public/</a>. For information on CHS, see: <a href="http://www.chs-nci.nih.gov/default.htm">http://www.chs-nci.nih.gov/default.htm</a>.</td>
</tr>
<tr>
<td>Geriatric Research Education &amp; Clinical Center VA Medical Center, 11-G One Veterans Drive Minneapolis, MN 55417 612-467-3304 <a href="mailto:howard.fink@va.gov">howard.fink@va.gov</a> <a href="http://scholar.google.com/citations?user=k2ryXYgAAAAJ&amp;hl=en">http://scholar.google.com/citations?user=k2ryXYgAAAAJ&amp;hl=en</a></td>
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</tr>
<tr>
<td>Jayne Fulkerson</td>
<td>Epi PhD</td>
<td>Childhood obesity prevention, family-based behavioral interventions, instrument design and validation</td>
<td>HOME Plus randomized trial</td>
</tr>
<tr>
<td>5-160 Weaver-Densford Hall 308 Harvard St SE, Minneapolis,MN 55455 612-624-4823 <a href="mailto:fulke001@umn.edu">fulke001@umn.edu</a></td>
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</tr>
<tr>
<td>Carolyn Marie Garcia, PhD, MPH, RN</td>
<td>MCH</td>
<td>Latino adolescent mental health and well-being, Latino families access to health care, school-based stress and coping interventions</td>
<td>1. Longitudinal data from Latina adolescents re: stress and coping, family and school connectedness; 2. pre-, post-data from parent-adolescent family interventions to improve emotional well-being, access to mental health care. Also have qualitative focus group data from Latino mothers, fathers, boys, girls that can be analyzed.</td>
</tr>
<tr>
<td>5-140 Weaver Densford Hall 308 Harvard Street SE Minneapolis, MN 55455 612.624.6179 <a href="mailto:garcia@umn.edu">garcia@umn.edu</a></td>
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<tr>
<td>Ann Garwick, PhD, RN, LP</td>
<td>MCH</td>
<td>Children with special health care needs; providing culturally competent care, family caregiving within diverse cultural backgrounds</td>
<td>International School Nurse Asthma Project; developing low health literacy asthma education materials for parents and teachers who work with preschoolers with asthma in Head Start programs.</td>
</tr>
<tr>
<td>Alan T. Hirsch, MD</td>
<td>CR Epi MPH Epi PhD</td>
<td>(a) Epidemiology and clinical outcomes of vascular diseases (peripheral arterial disease, acute and chronic venous thromboembolic disease, lymphedema); (b) determinants of efficacy for atherosclerosis risk factor interventions and exercise therapeutic interventions; (c) clinical trials of pharmacotherapies and devices for peripheral arterial disease; (d) smoking cessation interventions for individuals with vascular diseases; (e) State (population-based) interventions to lower primary CVD event rates.</td>
<td>The PARTNERS national peripheral arterial disease dataset; the REACH Registry of international CVD event rates; various administrative billing databases.</td>
</tr>
<tr>
<td>Neal Ross Holtan, MD, MPH, PhD</td>
<td>Epi MPH MCH</td>
<td>substance abuse prevention chronic disease prevention tuberculosis history of public health</td>
<td>TB clinic patient data TB epidemiology</td>
</tr>
<tr>
<td>Chandy C. John, MD, MS</td>
<td>Epi MPH Epi PhD</td>
<td>Malaria immunology, epidemiology and pathogenesis</td>
<td>Longitudinal cohort data of malaria incidence and immune responses to malaria antigens in highland areas of Kenya, including GIS mapping of HH Longitudinal cohort data of cognitive assessments in children with severe malaria, and clinical, immunological and genetic risk factors for this impairment.</td>
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<tr>
<td>Mike T. John, D.D.S., M.P.H., Ph.D.</td>
<td>CR Epi MPH</td>
<td>Temporomandibular Disorders, Oral Health-related Quality of life</td>
<td>RDC/TMD validation project - a data set derived from an NIH/NIDCR multi-cite study (U01 DE0 1331). It contains a comprehensive characterization of TMD patients and controls with clinical, including imaging, as well as self-reported data.</td>
</tr>
<tr>
<td>Associate Professor University of Minnesota School of Dentistry Department of Diagnostic and Biological Sciences 6-320d Moos Tower 515 Delaware Street SE, Minneapolis, MN 55455 Telephone: 612-625-6521 Fax: 612-626-0138 Email: <a href="mailto:mtjohn@umn.edu">mtjohn@umn.edu</a></td>
<td></td>
<td></td>
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<tr>
<td>Pamela Jo Johnson, MPH, PhD Research Investigator Medica Research Institute 301 Carlson Parkway, MR-CW295 Minnetonka, MN 55305 952-992-2195 <a href="mailto:johns245@umn.edu">johns245@umn.edu</a></td>
<td>Epi MPH</td>
<td>Health disparities; neighborhood effects and health; access to healthcare and healthcare equity; integrative healthcare (integration of complementary and alternative medicine (CAM) with conventional medicine); and American Indian/Alaska Native health.</td>
<td>DATA sets: National Center for Health Statistics (NCHS) products, including National vital records, National Health Interview Survey (NHIS), National Hospital Ambulatory Care Survey (NHAMCS), National Survey of Children's Health (NSCH), etc., as well as local survey and electronic health record data. Potential ANALYSIS projects could be developed using national survey data or embedded in ongoing work related to: 1) social determinants of healthcare disparities, 2) disparities in potentially preventable hospital care, 3) neighborhood effects on diabetes and diabetes care; 4) hospital-based CAM therapies, or 5) new work on culturally competent self care for chronic health conditions.</td>
</tr>
<tr>
<td>Edward L. Kaplan, MD; Professor of Pediatrics Department of Pediatrics MMC 296 Room 820-2 Mayo Building 612-624-1112 <a href="mailto:kapla001@umn.edu">kapla001@umn.edu</a></td>
<td>Epi MPH</td>
<td>Epidemiology of infectious disease in children. Special interest in group A streptococcal infections and their sequelae.</td>
<td>Limited repository of data</td>
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</table>
Adjunct faculty (these individuals have all indicated an interest in working with MPH students on their projects):

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<tbody>
<tr>
<td>Catherine Lexau, PhD, MPH, RN</td>
<td>Epi MPH</td>
<td>Infectious disease epidemiology; pneumococcal disease; invasive bacterial disease; Legionnaires Disease; health costs; administrative data (Medicare, other claims data and hospital discharge data); infectious and chronic disease in older adults (health care utilization, health costs, epidemiology, surveillance).</td>
<td></td>
</tr>
<tr>
<td>Research Scientist</td>
<td>Epi PhD</td>
<td>Hospital discharge data; Medicare data (MN beneficiaries); surveillance data on invasive bacterial diseases.</td>
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<td>Health Economics Program</td>
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<tr>
<td>Minnesota Department of Health</td>
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<td>85 East Seventh Place, Suite 220</td>
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<td>St. Paul, MN 55164-0882</td>
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<tr>
<td><a href="mailto:catherine.lexau@state.mn.us">catherine.lexau@state.mn.us</a></td>
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<tr>
<td>Katherine Lust, PhD, MPH, RD Director of Research Boynton Health Service</td>
<td>Nutr</td>
<td>Health and health-related behaviors among college students. Nutrition, physical activity and weight control. Research related to behavioral systems theory.</td>
<td>College Student Health Survey (1995 through 2012)</td>
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<tr>
<td>University of Minnesota</td>
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<td>410 Church Street SE</td>
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<td>University of Minnesota</td>
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<td><a href="mailto:klust@bhs.umn.edu">klust@bhs.umn.edu</a></td>
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<tr>
<td>Ruth Lynfield, MD</td>
<td>Epi MPH</td>
<td>Infectious disease epidemiology; Emerging infectious diseases; Antibiotic resistance</td>
<td>Minnesota Department of Health surveillance data on invasive bacterial diseases, antimicrobial susceptibility data</td>
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<tr>
<td>State Epidemiologist &amp; Medical Director of Infectious Disease Division</td>
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<td>Minnesota Department of Health</td>
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<td>625 Robert Street N.</td>
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<td>651-201-5414</td>
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<tr>
<td><a href="mailto:ruth.lynfieeld@health.state.mn.us">ruth.lynfieeld@health.state.mn.us</a></td>
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<tr>
<td>Karen Margolis, MD, MPH</td>
<td>Epi MPH</td>
<td>Women’s health. Prevention of cardiovascular disease, hypertension, diabetes</td>
<td>Antihypertensive and Lipid Lowering to Prevent Heart Attack Study (ALLHAT), Women’s Health Initiative, Action to Prevent Cardiovascular Disease in Diabetes (ACCORD). (Note: all require approval of study.) Also, projects related to health services research using HealthPartners data.</td>
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<tr>
<td>Director Clinical Research</td>
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<tr>
<td>HealthPartners Institute for Education and Research</td>
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<td>P.O. Box 1524 Mail Stop: 21111R</td>
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<td>Minneapolis, MN 55440-1524</td>
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<td>952-967-7301</td>
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<tr>
<td><a href="mailto:Karen.L.Margolis@HealthPartners.com">Karen.L.Margolis@HealthPartners.com</a></td>
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</table>
Adjunct faculty (these individuals have all indicated an interest in working with MPH students on their projects):

<table>
<thead>
<tr>
<th>Faculty Member</th>
<th>Affiliations</th>
<th>Interests</th>
<th>Specific Data Sets or MPH Project Ideas</th>
</tr>
</thead>
</table>
| Susie Nanney PhD, MPH, RD                            | Nutr         | Obesity prevention, nutrition policy, community interventions, school meal programs, food insecurity and hunger | Implementing and evaluating policies that improve access to school breakfast among 16 rural high schools.  
Minnesota licensed early child care provider data on food and activity environments (468 programs: Head Start, Center-based, Family-based and Tribes)  
Minnesota school food/nutrition and physical policy data (~300 schools) and student diet, activity and weight data (~130,000 students) (10-year cross sectional study-2002-2012)  
National (28 states/over 6,000 schools) food/nutrition and physical activity policy data |
| Kolawole Okuyemi, MD, MPH                            | Epi PhD      | Smoking Cessation in minority and underserved populations; cancer prevention and control among immigrant populations; health disparities and health equity; community-based participatory research; faith-based health promotion | --African Community Survey data. In-person health behaviors survey of 1000 households of African immigrants in the Twin Cities.  
--Church Health Surveys: Two separate health behaviors surveys of African American Church members [n=750] in the Twin Cities |
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<tbody>
<tr>
<td>Melissa R. Partin, PhD</td>
<td>Epi MPH</td>
<td>Cancer screening behavior; timely cancer diagnosis; shared medical decision making; cancer control interventions; survey non-response bias Validity of patient reports of physician recommendations for colorectal cancer screening Patient variation in colonoscopy no-show rates</td>
<td></td>
</tr>
<tr>
<td>Investigator, Center for Chronic Disease Outcomes Research Associate Professor of Medicine, University of Minnesota Minneapolis VA Medical Center (152/2E) 1 Veterans Drive (152/2E) Minneapolis, MN  55417 612-467-3841 (phone) 612-467-5699 (fax) <a href="mailto:melissa.partin@va.gov">melissa.partin@va.gov</a></td>
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</tr>
<tr>
<td>Jenny Poynter, PhD</td>
<td>Epi MPH Epi PhD</td>
<td>Etiology of childhood cancer, with a focus on pediatric germ cell tumors; Molecular epidemiology.</td>
<td></td>
</tr>
<tr>
<td>Division of Epidemiology/Clinical Research Department of Pediatrics MMC 715 612-625-4232 <a href="mailto:poynt006@umn.edu">poynt006@umn.edu</a></td>
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<tr>
<td>Judy Punyko, PhD, MS</td>
<td>Epi MPH</td>
<td>Maternal and child health; children with special health needs, autism spectrum disorder (ASD); health disparities; health literacy; public health disease surveillance systems – design, implementation, and data analysis; bias in epidemiologic research; chronic disease epidemiology in adult and pediatric populations; analyzing secondary datasets; Pregnancy Risk Assessment Monitoring System (PRAMS), National Survey of Children’s Health (NSCH), National Survey of Children with Special Health Care Needs (NSCSCHN)</td>
<td></td>
</tr>
<tr>
<td>State Maternal &amp; Child Health Epidemiologist &amp; MN PRAMS PI Minnesota Department of Health Division of Community &amp; Family Health 85 E 7th Place, Suite 500 P.O. Box 64882 St. Paul, MN  55164 651-201-3629 <a href="mailto:judy.punyko@state.mn.us">judy.punyko@state.mn.us</a> or <a href="mailto:puny0002@umn.edu">puny0002@umn.edu</a></td>
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<tr>
<td>Michael D. Resnick, Ph.D.</td>
<td>MCH</td>
<td>Adolescent health, resiliency, risk and protective factors; Teen pregnancy prevention, violence prevention; Translation of adolescent health research into programs, policy and practice</td>
<td></td>
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<tr>
<td>Director, Healthy Youth Development Prevention Research Center 717 Delaware St. SE, Rm 370 Minneapolis, MN  55414 612-624-9111 <a href="mailto:resni001@umn.edu">resni001@umn.edu</a></td>
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</thead>
</table>
| Nelson L. Rhodus, DMD, MPH, FACD, FICD | Diplomate, American Board of Oral Medicine  
Professor and Director, Division of Oral Medicine, School of Dentistry  
Adjunct Professor, Department of Otolaryngology, School of Medicine  
Adjunct Professor, Division of Epidemiology, School of Public Health  
Academy of Excellence- Academic Health Center  
Academy of Distinguished Teachers  
University of Minnesota  
7536 Moos HST; 515 Delaware St. SE  
Minneapolis, MN 55455  
612-625-0693  
rhodu001@umn.edu | Epi MPH  
oral cancer, tobacco, HPV, dental public health, infectious disease | oral cancer, tobacco, HPV |
| Julie Ross, PhD             | Professor and Director  
Division of Pediatric Epidemiology & Clinical Research  
554 Cancer Center Research Building  
425 East River Road  
612-626-2902  
rossx014@umn.edu | CR  
Pediatic cancer epidemiology. Biological mechanisms in the maternal-fetal interface | Ongoing epidemiology studies of childhood cancer. Laboratory projects related to pediatric health |
| Randall Singer, DVM, MPVM, PhD | Department of Veterinary and Biomedical Sciences  
300A Veterinary Sciences Building  
1971 Commonwealth Avenue  
St. Paul, MN 55108  
612-625-6271  
rsinger@umn.edu | Epi MPH  
Infectious disease epidemiology; Evolution of virulence and resistance in microbes; Mathematical modeling of infectious disease transmission, quantitative microbial risk assessment | |
Adjunct faculty (these individuals have all indicated an interest in working with MPH students on their projects):

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<tr>
<td>Kirk Smith, DVM, MS, PhD</td>
<td>Epi MPH</td>
<td>Foodborne, vectorborne, and zoonotic diseases; foodborne disease outbreak investigations; antimicrobial resistance in foodborne bacterial pathogens; parasitic diseases; diseases of free-ranging animal populations</td>
<td>MDH surveillance data on foodborne, vectorborne, and zoonotic diseases</td>
</tr>
<tr>
<td>Jon Snyder, PhD</td>
<td>Epi MPH Epi PhD</td>
<td>Epidemiology of solid organ transplantation (kidney, liver, heart, lung, pancreas, intestine) and chronic kidney disease; outcomes research in solid organ transplantation; risk prediction modeling; organ allocation policy; pharmacoepidemiology and adverse events in solid organ transplantation.</td>
<td>Datasets available for MPH projects include: Scientific Registry of Transplant Recipients (full records on all solid organ transplant candidates, recipients, and donors in the US); United States Renal Data System (full records on all end-stage renal disease and kidney transplant recipients in the US); Medicare claims for all end-stage renal disease patients in the US with Medicare as their primary insurance coverage; 5% general Medicare random sample (5% random sample of all Medicare beneficiaries in the United States). I would be happy to work with any MPH students with interest in the epidemiology of solid organ transplantation or kidney disease.</td>
</tr>
<tr>
<td>Logan Spector, PhD</td>
<td>Epi MPH Epi PhD MCH</td>
<td>Etiology of childhood cancers, with a focus on hepatoblastoma, osteosarcoma, and leukemia; fetal origins of adult disease; molecular epidemiology</td>
<td>1) A case control study of childhood cancers in Minnesota derived by linking cancer registry to birth file; 2) A neonatal blood spot bank, with accompanying demographic data, which presents the possibility of creating/validationg exposure assays; 3) The Collaborative Perinatal Project, a birth cohort of -55,000 children, for which there are many possible projects (not just involving cancer). I also have several ideas for meta-analyses or journalology projects for interested students.</td>
</tr>
<tr>
<td>Steven Stovitz, MD, MS</td>
<td>Epi PhD</td>
<td>Obesity, Physical Activity, Sports Medicine</td>
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<tbody>
<tr>
<td>Brent Taylor, PhD, MPH</td>
<td>Epi MPH</td>
<td>Epidemiology of common chronic diseases in older adult patients, focusing particularly on clinical epidemiology and informing evidence-based medicine</td>
<td>Study of Osteoporotic Fractures (prospective cohort study of 10,366 elderly women followed for outcomes including fractures, breast cancer, cognitive function, physical function, sleep disorders, mortality). Osteoporotic Fractures in Men (prospective cohort study of 5,995 elderly men followed for outcomes including fractures, prostate cancer, sleep disorders, physical function).</td>
</tr>
<tr>
<td>Investigator, Center for Chronic Disease Outcomes Research Assistant Professor of Medicine, University of Minnesota VA Medical Center (152/2E) 1 Veterans Drive Minneapolis, MN 55417 612-467-4941 <a href="mailto:taylorbc@umn.edu">taylorbc@umn.edu</a></td>
<td>Epi PhD</td>
<td></td>
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<tr>
<td>Bharat Thyagarajan</td>
<td>Epi MPH</td>
<td>A. Molecular Epidemiology</td>
<td>A. Database of HPV infections among people undergoing cervical cancer screening at the University of Minnesota. B. Lung function data from several cohort studies (e.g.) CARDIA, Long Life Family Study, Hispanic Community Health Study.</td>
</tr>
<tr>
<td>Dept of Laboratory Medicine and Pathology 1-136 Moos Towers 515 Delaware Street SE Minneapolis, MN 55455 Phone: (612)624-1257 Email: <a href="mailto:thya0003@umn.edu">thya0003@umn.edu</a></td>
<td></td>
<td>B. Cancer Epidemiology</td>
<td></td>
</tr>
<tr>
<td>Lisa Turnham, MPH</td>
<td>MCH</td>
<td>Adolescent health, sexual and reproductive health, youth development, sexuality education and program evaluation.</td>
<td></td>
</tr>
<tr>
<td>Turnham Rivkin Consulting, LLC 2913 Townview Avenue NE Minneapolis, MN 55418 612-799-8595 <a href="mailto:lisa@turnhamrivkin.com">lisa@turnhamrivkin.com</a></td>
<td></td>
<td>C. Pulmonary Epidemiology</td>
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