

EPIDEMIOLOGY NEWS

Volume 2, Supplement 1

Department of Epidemiology, School of Public Health, UNC

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Who are we and what are we about?

Have you ever wondered what our faculty do besides teach? What are they interested in? In order to better familiarize ourselves with who we are, this supplement to the Epidemiology Newsletter lists both Faculty and Adjunct Faculty with their research interests.

FACULTY:

BARIC, RALPH Assistant Professor
Program Area(s) of Interest: Infectious Diseases: Laboratory-Based
Research interests: coronavirus replication and RNA recombination mechanisms, coronavirus-induced myocarditis and dilated cardiomyopathy, environmental virology, malaria drug resistance

HALL, JAMES E. Assistant Professor
Program Area(s) of Interest: Infectious Diseases: Laboratory-Based
Research interests: host-parasite biochemical interactions in protozoan infections (leishmaniasis and African trypanosomiasis), chemotherapy of *Pneumocystis carinii* and pathogenic protozoa, drug metabolism

HEISS, GERARDO Professor
Program Area(s) of Interest: Chronic Disease
Research interests: blood lipids and lipoproteins, their determinants in populations and their atherosclerotic sequelae; temporal patterns of mortality and the health effects of selected environmental exposure; atherosclerotic cardiovascular disease; study of cardiovascular and respiratory diseases in older adults; familial, environmental, and genetic factors in cardiovascular disease

HERTZ-PICCIOTTO, IRVA Assistant Professor
Program Area(s) of Interest: Chronic Diseases, Environmental/Occupational, Reproductive
Research interests: environmental exposures and reproductive outcomes; involved in development of risk for assessing epidemiologic data, comparisons of reproductive toxicity and carcinogenic potency between animals and humans, and methodologic issues in the analysis of epidemiologic data

HULKA, BARBARA S. Kenan Professor & Chair
Program Area(s) of Interest: Chronic Diseases
Research interests: cancer epidemiology - breast, uterine and prostate - and the application of biological markers to cancer epidemiology

IBRAHIM, MICHEL A. Professor and Dean of SPH
Program Area(s) of Interest: Chronic Disease
Research interests: interface between epidemiology (and science generally) and policy. The application fields include policies about personal health services, as well as regulatory policies about occupational, environmental, and pharmaceutical issues

KAPLAN, BERTON H. Professor
Program Area(s) of Interest: Chronic Disease
Research interests: UNC Alumni Study

KOHLMEIER, LENORE Professor
Program Area(s) of Interest: Chronic Disease
Research interests: nutritional epidemiology; relationship of food-borne or nutritional exposures to the prevention of cancer; the role of oxidation and naturally-occurring antioxidants on development of breast cancer; exploring the role, if any, of members of the brassica family in the prevention of colon cancer; environmental and dietary interactions; developing methods of assessing dietary exposure

LIU, EDISON Assistant Professor
Program Area(s) of Interest: Chronic Diseases
Research interests: integration of laboratory sciences with population based epidemiology

LEE, LESTER Research Assistant Professor
Program Area(s) of Interest: Environmental/Occupational Epidemiology
Research interests: expanding on the area of environmental epidemiology through toxicology and laboratory technology

LOOMIS, DANA Assistant Professor
Program Area(s) of Interest: Environmental/Occupational
Research interests: studies of occupational injuries, health effects of ionizing and non-ionizing radiation, air pollution, exposure assessment methods, and the history of epidemiology

MOE, CHRISTINE Research Assistant Professor
Program Area(s) of Interest: Infectious Diseases
Research interests: integrating laboratory skills in infectious disease epidemiology; diarrheal diseases; water contamination

NEWMAN, BETH Assistant Professor
Program Area(s) of Interest: Chronic Diseases
Research interests: breast cancer epidemiology; genetic epidemiology of cancer, cardiovascular disease, and associated risk factors; women's health

OLSHAN, ANDREW F. Assistant Professor
Program Area(s) of Interest: Reproductive, Environmental/Occupational, Chronic Diseases
Research interests: studies combining environmental, occupational, and genetic risk factors

ROSAMOND, WAYNE Assistant Professor
Program Area(s) of Interest: Chronic Diseases
Research interests: cardiovascular disease epidemiology; medical care issues in cardiovascular disease

ROYCE, RACHEL Assistant Professor
Program Area(s) of Interest: Infectious Diseases
Research interests: HIV/AIDS epidemiology and natural history including markers and co-factors for disease progression such as other infectious diseases, gender, cigarette smoking, and injecting drug use

SAVITZ, DAVID Professor
Program Area(s) of Interest: Reproductive, Environmental/Occupational, Chronic Diseases
Research interests: occupational and other determinants of miscarriage, low birth weight, and preterm delivery; magnetic fields and cancer in electric utility workers; miscellaneous projects on environmental exposures and reproductive outcomes

SCHOENBACH, VICTOR Associate Professor
Program Area(s) of Interest: Infectious Diseases, Chronic Diseases
Research interests: disease control, particularly in reference to HIV and sexually transmitted infections and smoking cessation; minority health, particularly in reference to African Americans

SEED, JOHN Professor
Program Area(s) of Interest: Infectious Diseases: Laboratory-Based
Research interests: host-parasite relationships, mechanisms of microbial pathogenesis, pathogenic protozoa (African trypanosomiasis)

SHY, CARL M. Professor
Program Area(s) of Interest: Environmental/Occupational, Chronic Diseases
Research interests: occupational and environmental health

STAMM, LOLA Assistant Professor
Program Area(s) of Interest: Infectious Diseases: Laboratory-Based
Research interests: molecular biology and metabolism and physiology of pathogenic spirochetes (Treponema pallidum (syphilis), Borrelia burgdorferi (Lyme Disease), and Leptospira interrogans (Leptospirosis))

THOMAS, JAMES Assistant Professor
Program Area(s) of interest: Infectious Diseases: Population-Based
Research interests: sexually transmitted diseases, international health, quantitative and qualitative methods in infectious disease research

TYROLER, HERMAN A. Alumni Distinguished Professor
Program Area(s) of Interest: Chronic Diseases
Research interests: population determinants of atherosclerosis, family and genetic correlates of cardiovascular diseases and community surveillance; studies of cardiovascular disease in these bi-racial communities; comparing the epidemiology of CVD among populations in China, Israel, Poland, Russia and Germany; clinical community intervention trials of CVD with special emphasis on women and minorities

VINE, MARILYN F. Assistant Professor
Program Area(s) of Interest: Chronic Diseases, Environmental/Occupational
Research interests: lung cancer screening with sputum cytology; the use of biological markers in epidemiologic research, especially markers of susceptibility to cancer, and markers of genotoxicity such as DNA adducts, micronuclei, and protein adducts

WEBER, DAVID J. Associate Professor
Research interests: tuberculosis, nosocomial infections, infectious etiologies of gastroenteritis, HIV-1/HTLV epidemiology

WEIGLE, KRISTEN A. Assistant Professor
Program Area(s) of Interest: Infectious Diseases
Research interests: diarrheal and respiratory infections in day care centers, immunizations, leishmaniasis and other tropical infections

WING, STEVEN B. Assistant Professor
Program Area(s) of Interest: Environmental/Occupational, Chronic Diseases
Research interests: social inequalities in health; ionizing radiation; methodology

ADJUNCT FACULTY:

ALDRICH, TIMOTHY E. Adjunct Assistant Professor
Research interests: studies of cancer in communities near paper mills; geographic studies in Western portion of state, intended in brain cancer and occupational sites; collaboration in breast cancer study

ALMEIDA-FILHO, NAOMAR Adjunct Associate Professor
Research interests: social determinants of psychiatric and psychosomatic disorders; socio-anthropologic research on mental health and psychiatric care

ANDJELKOVICH, DRAGANA Adjunct Associate Professor
Research interests: environmental epidemiology

ANDREWS, ELIZABETH B. Adjunct Assistant Professor
Research interests: pharmacoepidemiology

BARID, DONNA D. Adjunct Assistant Professor
Research interests: epidemiology of infertility; use of time to pregnancy in epidemiological research; potential for using reproductive hormone measures as endpoints in environmental epidemiology; role of reproductive hormones in health and disease; effects of environmental estrogens; and immunology including asthma, autoimmune diseases, and interaction of endocrine and immune system.

BAREFOOT, JOHN C. Adjunct Associate Professor
Research interests: psychosocial factors in cardiovascular disease, aging and health, factors affecting survival in CHD patients

BARRETT, JAMES C. Adjunct Professor
Research interests: cancer

BECK, JAMES D. Adjunct Professor
Research interests: Geriatrics, Health Services, Oral Epidemiology

BERZON, RICHARD A. Adjunct Assistant Professor
Research interests: qualitative and quantitative measurement scales in clinical research for purposes of assessing functional status across a variety of areas, including mental, physical and social domains; the evaluation of psychometric criteria by which functional status measurement scales are assessed for domestic and international clinical trials

BLAZER, DAN G. Adjunct Professor
Research interests: community based epidemiological surveys, gerontology and geriatric psychiatry, psychiatric epidemiology, depression in later life and psychosocial origins of psychiatric disorders

BOEHLECK, BRIAN A. Clinical Associate Professor
Research interests: lung disease, especially occupational lung disease; involved in both physiologic testing and epidemiologic surveys; collecting physiologic and environmental information in various industries to determine dose-response relationships

BOYD, JEFFREY A. Adjunct Assistant Professor
Research interests: molecular genetics of human endometrial pathology; tumor suppressor gene function; structure-function relationships in gene expression

BROADHEAD, W. EUGENE Adjunct Assistant Professor
Research interests: psychosocial and psychiatric epidemiology; epidemiologic methods in primary health care settings; social support as a determinant of health care utilization; social support as determinants of depression; depression in primary care

BROWN, J. TRIG Adjunct Assistant Professor
Research interests: cancer screening in the elderly; health promotion/disease prevention; applications of case-control

CAMPBELL, DOUGLAS S. Adjunct Assistant Professor
Research interests: cancer epidemiology; infectious disease epidemiology; epidemiology of Eosinophilia Hyalgia Syndrome; gastrointestinal diseases

CAREY, TIMOTHY S. Clinical Associate Professor
Research interests: natural history of acute low back pain; improvement of care access for low socioeconomic populations; quality of care assessment in rural practices

CLEMMENTS III, DENNIS A. Adjunct Assistant Professor
Research interests: vaccine immunology, clinical vaccine trials, infectious disease epidemiology, immunization research, and risk factors for infectious diseases

COLE, THOMAS B. Adjunct Assistant Professor
Research interests: injury epidemiology; pharmacoepidemiology; occupational/environmental epidemiology; sickle cell disease; mass psychogenic illness/epidemic hysteria

COLLMAN, GWEN W. Adjunct Assistant Professor
Research interests: roles of environmental agents in the etiology of cancer and chronic diseases

CORNONI-HUNTLEY, JOAN C. Adjunct Professor
Research interests: health problems and chronic conditions of elderly and the identification of associated risk factors

CROUSE, JOHN R. Adjunct Associate Professor
Research interests: interrelationships of coronary and cerebrovascular disease; association of adipose distribution with atherosclerosis and cardiovascular disease risk factors

CROUT, FRANK V. Adjunct Assistant Professor
Research interests: directs research, manufacturing, and distribution center serving domestic and international markets in in vitro diagnostics for use in blood banking and research of purified proteins and antibody preparations

DAWSON, DEBORAH V. Adjunct Assistant Professor
Research interests: statistical methods in human genetics, including applications in the areas of ascertainment, variable age of onset, sib-pair and other linkage analysis, and gene and haplotype frequency estimation

DEFRIESE, GORDON H. Clinical Professor
Research interests: study of the effectiveness of health services programs in meeting the health care needs of target populations

EVERSON, RICHARD B. Adjunct Professor
Research interests: biochemical epidemiology

FLETCHER, ROBERT H. Adjunct Professor
Research interests: health promotion/disease prevention; technology assessment; clinical epidemiology; health services research

FLETCHER, SUZANNE W. Clinical Professor
Research interests: health promotion/disease prevention; breast cancer screening; smoking cessation counseling; editorial processes of medical journals

FORTNEY, JUDITH A. Adjunct Associate Professor
Research interests: reproductive epidemiology; contraception; maternal mortality

FRENCH, JEAN G. Adjunct Professor
Research interests: environmental and occupational health epidemiology; injury epidemiology; risk communication

GARRETT, JOANNE M. Adjunct Assistant Professor
Research interests: quantitative methodology

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GARRETT, PETER A. Adjunct Assistant Professor
Research interests: association of rare HRAS Alleles and breast cancer

GRAVES, RICHARD C. Research Professor
Research interests: strategies to identify children at risk to high levels of dental caries and methods of prevention of their diseases

GREENBERG, RAYMOND S. Adjunct Associate Professor
Research interests: predictors of cancer patient survival; ethnicity and survival from cancer; the incidence of cancer in a geographically defined population; risk factors for cancers that occur excessively among blacks; interventions to increase cancer screening

GRIFFITH, JACK D. Adjunct Professor
Research interests: development and application of epidemiologic methods in the study of neurological diseases, cancer and adverse reproductive outcomes associated with human exposure to toxic chemicals

GUESS, HARRY A. Adjunct Professor
Research interests: pharmacoepidemiology; clinical epidemiology; epidemiologic evaluations of risks and benefits of medical interventions; prostate disease epidemiology; vaccine safety and efficacy; pediatric infectious disease epidemiology; biostatistical methods in epidemiology

HAMES, CURTIS G. Clinical Professor
Research interests: cardiovascular disease epidemiology

HARRIS, RUSSELL P. Adjunct Assistant Professor
Research interests: delivering appropriate preventive care through physician's offices; ways of getting appropriate preventive care to disadvantaged populations; understanding differences in medical care by race

HAYES, CARL G. Adjunct Professor
Research interests: identification and quantitation of human health effects of environmental pollutants

HEYDEN, SIEGFRIED H. Adjunct Professor
Research interests: cardiovascular disease epidemiology; all aspects of hypertension research; cancer epidemiology

HOGAN, MICHAEL D. Adjunct Associate Professor
Research interests: planning and policy administration

HUNT, RONALD J. Clinical Professor
Research interests: epidemiology of oral conditions in the elderly

HUNTER, NANCY S. Adjunct Assistant Professor
Research interests: infectious disease

IRWIN, DEBRA E. Adjunct Assistant Professor
Research interests: pharmacoepidemiology; maternal and child health; cancer epidemiology

JAMES, SHERMAN A. Adjunct Professor
Research interests: social and behavioral factors associated with chronic diseases (especially cardiovascular diseases) in black and other low-income populations

JOHNSON, ERIC S. Adjunct Assistant Professor
Research interests: methodological issues in occupational epidemiology; occupational epidemiology; cancer epidemiology

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KEIL, ULRICH Adjunct Professor
Research interests: epidemiology and prevention of cardiovascular disease; influence of medical care systems on the health of the population; early detection of risk factors and disease; occupational epidemiology

LANDIS, SUZANNE E. Research Assistant Professor
Research interests: infectious diseases; AIDS; community-based disease prevention

LENGERICH, EUGENE J. Adjunct Assistant Professor
Research interests: cervical cancer; cardiovascular diseases; diabetes

LITTLE, RUTH E. Adjunct Professor
Research interests: male medicated reproductive outcomes; toxicants in pregnancy and lactation

MACCORMACK, J. NEWTON Adjunct Professor
Research interests: infectious disease epidemiology; administrative epidemiology

MARGOLIS, PETER A. Clinical Assistant Professor
Research interests: access to care, diagnostic testing, management of acute lower respiratory illness; poverty and child care

MCCANN, MARGARET F. Adjunct Assistant Professor
Research interests: reproductive epidemiology

MCDONNELL, WILLIAM F. Adjunct Associate Professor
Research interests: air pollution epidemiology, respiratory epidemiology, clinical studies of air pollution exposure

MEADE, MELINDA S. Adjunct Professor
Research interests: medical geography, population, and human ecology

MILHOUS, WILBUR K. Adjunct Associate Professor
Research interests: infectious diseases

MORRIS, DEXTER L. Adjunct Assistant Professor
Research interests: emergency medicine

PARKERSON, JR., GEORGE R. Adjunct Professor
Research interests: developing and testing a variety of questionnaire instruments which measure health-related quality of life and severity of illness and their determinants

PORTA, MIQUEL Adjunct Associate Professor
Research interests: clinical epidemiology; pharmacoepidemiology, and cancer epidemiology

RANSOHOFF, DAVID F. Clinical Professor
Research interests: screening, methods to predict prognosis and to assess diagnostic tests, clinical judgement and clinical decision-making

ROGAN, WALTER J. Adjunct Associate Professor
Research interests: PCBs and child health and development

ROSENBERG, MICHAEL J. Adjunct Associate Professor
Research interests: relationship between contraception and STDs, user-effectiveness in STD prevention, postmarketing epidemiology pharmaceuticals

RUNYAN, CAROL W. Adjunct Associate Professor
Research interests: injury epidemiology and prevention

RUNYAN, DESMOND K. Clinical Associate Professor
Research interests: short and long-term effects of legal intervention and foster care on sexually abused children; evaluation of diagnostic tests in the determination of child abuse or neglect

SAMSA, GREGORY P. Adjunct Assistant Professor
Research interests: research design, analytical methods, statistical procedures and data management

SANDLER, DALE Adjunct Associate Professor
Research interests: environmental epidemiology; risk factors for chronic renal dysfunction; health effects of passive exposure to cigarette smoke; cancer epidemiology

SANDLER, ROBERT S. Clinical Associate Professor
Research interests: epidemiology of chronic digestive diseases and cancer

SHEPS, DAVID S. Clinical Professor
Research interests: cardiovascular diseases

SIEGLER, ILENE C. Adjunct Associate Professor
Research interests: personality predictors of CHD risk and CHD; psychology of adult development and aging

SLOANE, PHILIP Clinical Associate Professor
Research interests: aging, Alzheimers diseases

SOKAL, DAVID C. Adjunct Assistant Professor
Research interests: AIDS; family planning; policy; international health

SMITH, C. GREGORY Adjunct Assistant Professor
Research interests: acute and chronic adverse health effects resulting from exposure to toxic chemical and physical agents; the toxicological, clinical and epidemiological data bases that document or support these effects and information biases that may be operating in these data bases

STAMM, JOHN W. Adjunct Professor
Research interests: risk assessment and dental disease prevention; clinical trials of preventive and treatment regimen; design and analysis of oral health surveys; general biostatistical issues related to analysis of oral health data

STANG, PAUL E. Adjunct Assistant Professor
Research interests: neuroepidemiology, health services research, pharmacoepidemiology

STROGATZ, DAVID S. Adjunct Associate Professor
Research interests: social and psychological factors in the etiology and management of heart disease and hypertension; racial and socioeconomic differences in cardiovascular disease

TENNIS, PATRICIA S. Adjunct Assistant Professor
Research interests: measuring the incidence of serious events in association with use of specific pharmaceuticals and how to differentiate which events are related to specific medications and which events are related to the underlying disease being treated

TILSON, HUGH H. Adjunct Professor
Research interests: public health aspects of drug safety following introduction into the market

TOOLE, JAMES F. Adjunct Professor
Research interests: clinical investigations in cerebral circulation and its diseases, particularly prospective randomized trials for determination of efficacy of medical and/or surgical intervention for stroke

UHLINGER, CHRISTINE A. Adjunct Assistant Professor
Research interests: veterinary medicine

WASKIN, HETTY A. Adjunct Assistant Professor
Research interests: infectious diseases

WEINTRAUB, JANE A. Adjunct Associate Professor
Research interests: epidemiology of oral conditions; evaluation of preventive dentistry programs and procedures with emphasis on pit and fissure sealants; effects of smokeless tobacco on oral health; epidemiologic methods applied to clinical research questions in orthodontics and periodontics

WHITE, ALICE D. Adjunct Assistant Professor
Research interests: pharmacoepidemiology; cardiovascular disease epidemiology

WILCOX, ALLEN J. Adjunct Professor
Research interests: reproductive outcomes, particularly fertility, pregnancy loss, birthweight and congenital malformations; associations between environmental exposures and reproductive outcomes

WILLIAMS, MARK E. Clinical Associate Professor
Research interests: use of a multi-disciplinary team for geriatric evaluation and case management; health status indicators in older persons

WILLIAMS, REDFORD B. Adjunct Professor
Research interests: psychosocial factors in medical disorders, emphasis on coronary heart disease; epidemiological and biological laboratory methods relevant to the above

YANKASKAS, BONNIE C. Adjunct Assistant Professor
Research interests: mammography and breast cancer; detection of prostatic cancer; evaluation of radiologic technology in diagnosis; cancer diagnosis and radiology