

**Annual Report
July 1, 1998 - June 30, 1999
Department of Epidemiology**

I. Departmental Organization and Administration

Staff as of June 30, 1999

Administrative Staff

Gail King - Administrative Manager
Carolyn Cooke - Fiscal Manager
Lesa McPherson - Human Resources Manager/Clerical Support Manager
Nancy Colvin - Student Services Manager
Carmen Woody - Student Services Assistant
Jennifer Moore - Accounting Technician
Rick Christian - Accounting Clerk
Jane Foust - Administrative Secretary

Information Systems Staff

Roger Akers - Assistant to the Chair for Research
Terry Hudgins - Director, Computer Services
Richard Howard - Applications Analyst Programmer
Veda Manley - Computer Production Specialist

Computer Programming Staff

Eileen Gregory - Applications Analyst Programmer
Thomas Goodwin - Applications Analyst Programmer
Steve Hutton - Applications Analyst Programmer
Jean Keller - Applications Analyst Programmer
Robert Kleckner - Applications Analyst Programmer
Vic Rhodes - Applications Analyst Programmer
Joanna Smith - Applications Analyst Programmer
Jessica Tse - Applications Analyst Programmer
Joy Wood - Applications Analyst Programmer

Secretarial Staff

Melissa Keller - Office Assistant
Melisa LaVergne - Office Assistant
Edna Lennon - Office Assistant
Virginia Reid - Office Assistant
Ellen Shanahan - Office Assistant
Angie Tuck - Office Assistant

Research Staff

Paula Bell – Social Research Associate
Heather Bergen - Research Technician
Maria Girlando – Social Research Assistant
Joy Hudson – Office Assistant
Phyllis Johnson - Administrative Assistant
Marilyn Knowles - Social Research Assistant
Catherine Paton -Social Research Associate
Jadis Robinson - Social Research Assistant
Deanne Rhodes -Research Technician
Susanne Wolf - Research Associate
Boyd Yount -Research Technician

Clinical Research Staff

Regina Barrett - Nutritionist
Carolyn Brown-Francis -Medical Office Assistant
Elizabeth Coffey – Computing Support Technician
Amy Edmundson - Processing Assistant
Gradnella Gipson – Social Research Assistant
Julie Little - Clinical Nurse
Bertha McGee – Practical Nurse
Linda Morris – Social Research Associate
Carly Perin – Administrative Assistant
Sharon Robinson - Practical Nurse
Brenda Williams – Processing Assistant
Sarah Wolf -Practical Nurse

Employee Terminations

Tammie Carlton- Social Research Assistant
Amy Crume - Accounting Technician
Rebecca Damin - Social Research Assistant
Darrah Degnan - Social Research Associate
Susan King – Accounting Clerk
Marvin McCauley - Applications Analyst Programmer
Carol Morton - Office Assistant
Victoria Terry - Processing Assistant
Jeffrey Vallee - Social Research Associate

II. Faculty and Students

A. List of Faculty [* indicates primary of multiple academic appointments]

1. Full-time

Lorraine Alexander, Clinical Assistant Professor

Ralph S. Baric, *Associate Professor, Epidemiology; Associate Professor, Microbiology & Immunology

Lori Carter-Edwards, *Research Assistant Professor, Epidemiology; Research Assistant Professor, Health Behavior/Health Education

Kathleen Dorsey, Research Assistant Professor

J. Ed Hall, *Associate Professor, Epidemiology; Associate Professor, Pathology

Gerardo Heiss, Professor, Director of Graduate Studies

Irva Hertz-Picciotto, Professor

Barbara S. Hulka, *Kenan Professor; Clinical Professor, Family Medicine; Adjunct Professor of Community and Family Medicine, Duke University Medical Center

Michel A. Ibrahim, *Professor, Epidemiology; Professor, Social and Administrative Medicine

Berton H. Kaplan, Professor Emeritus

Lenore Kohlmeier, Professor, Epidemiology; *Professor, Nutrition

Dana Loomis, Associate Professor

William Miller, Assistant Professor, Epidemiology; *Assistant Professor, Medicine

Robert Millikan, Assistant Professor

Christine Moe, Assistant Professor

Carol Murphy, Clinical Instructor

Andrew Olshan, Associate Professor

James Pankow, Assistant Professor

Charles Poole, Associate Professor

Wayne Rosamond, Assistant Professor

Rachel Royce, Assistant Professor

David A. Savitz, Professor & Chair

Victor J. Schoenbach, Associate Professor

J. Richard Seed, Professor

Carl M. Shy, *Professor, Emeritus, Epidemiology; Professor, Environmental Sciences and Engineering; Clinical Professor, Family Medicine

Lola Stamm, Associate Professor

June Stevens, Associate Professor, Epidemiology; *Associate Professor, Nutrition

James Thomas, Associate Professor

Herman A. Tyroler, Emeritus, Alumni Distinguished Professor

David Weber, Associate Professor, Epidemiology; *Associate Professor, Medicine & Pediatrics

Kristen Weigle, *Associate Professor, Epidemiology; Associate Professor, Pediatrics
Steven B. Wing, Associate Professor

2. Part-time

Elizabeth Conlisk, Research Assistant Professor

3. Visiting

None

4. Adjunct and Fixed-Term Joint Appointments

Adaora Adimora, Clinical Assistant Professor, Epidemiology; *Assistant Professor, Medicine

Timothy Aldrich, Adjunct Associate Professor

Naomar Almeida-Filho, Adjunct Associate Professor

Elizabeth Andrews, Adjunct Associate Professor

Donna Baird, Adjunct Associate Professor

John Barefoot, Adjunct Associate Professor

James C. Barrett, Adjunct Professor

James Beck, Adjunct Professor; *Professor, Dental Ecology

Douglas Bell, Adjunct Assistant Professor

Dan German Blazer, Adjunct Professor

Robert Brown, Clinical Assistant Professor; *Assistant Professor, Medicine

Gregory Burke, Adjunct Professor

Leigh Callahan, Adjunct Assistant Professor; *Assistant Professor, Medicine

Dan Caplan, Adjunct Assistant Professor; *Assistant Professor, Dental Ecology

Timothy S. Carey, Clinical Associate Professor; *Associate Professor, Medicine

Willard Cates, Adjunct Professor

Dennis A. Clements, III, Adjunct Associate Professor

Thomas Cole, Adjunct Associate Professor

Glinda Cooper, Adjunct Assistant Professor

Joan Comoni-Huntley, Adjunct Professor

John R. Crouse, Adjunct Professor

Gordon H. DeFriese, Clinical Professor, Epidemiology; *Professor, Social and Administrative Medicine

Robert Desowitz, Adjunct Professor

Sara Ephross, Adjunct Assistant Professor

Paul Feldblum, Adjunct Assistant Professor

Jo-David Fine, Clinical Professor, Epidemiology; *Professor, Dermatology

Suzanne Fletcher, Adjunct Professor

Judith A. Fortney, Adjunct Professor

Kimberly Fox, Clinical Assistant Professor
Jean French, Adjunct Professor
Joanne Garrett, Adjunct Associate Professor; *Research Associate Professor,
Medicine
Paul Godley, Clinical Assistant Professor
Raymond S. Greenberg, Adjunct Professor
Harry A. Guess, Adjunct Professor
Maria Hall, Adjunct Assistant Professor
Curtis G. Hames, Clinical Professor
Russell P. Harris, Adjunct Associate Professor; *Associate Professor, Medicine
Abraham Hartzema, Clinical Professor; *Professor, Pharmacy
Jane Hoppin, Adjunct Assistant Professor
Ronald J. Hunt, Clinical Professor; *Professor, Dental Ecology
Debra E. Irwin, Adjunct Assistant Professor
Sherman James, Adjunct Professor
Esther Janowsky, Adjunct Assistant Professor
David Jenkins, Adjunct Professor
Joanne Jordan, Adjunct Assistant Professor, *Research Assistant Professor,
Medicine
Ulrich Keil, Adjunct Professor
Suzanne Landis, Adjunct Associate Professor; *Clinical Associate Professor,
Medicine
Denise Lewis, Adjunct Assistant Professor
Duanping Liao, Adjunct Assistant Professor
Hester Lipscomb, Adjunct Assistant Professor
Ruth E. Little, Adjunct Professor
Stephanie London, Adjunct Associate Professor
Matthew Longnecker, Adjunct Associate Professor
J. Newton MacCormack, Adjunct Professor
William Maier, Adjunct Assistant Professor
Peter Margolis, Clinical Associate Professor; *Associate Professor, Pediatrics
Margaret F. McCann, Adjunct Associate Professor
William F. McDonnell, Adjunct Associate Professor
Michael McMahan, Clinical Assistant Professor; *Assistant Professor, OB/GYN
Melinda S. Meade, Adjunct Professor, Epidemiology; *Professor, Geography
Pauline Mendola, Adjunct Assistant Professor
Dexter Morris, Adjunct Associate Professor; *Associate Professor, Emergency
Medicine
Lucas Neas, Adjunct Associate Professor
Joseph Norwood, Clinical Professor; *Professor, Pharmacy

George R. Parkerson, Adjunct Professor
Miquel Porta, Adjunct Associate Professor
David F. Ransohoff, Clinical Professor; *Professor, Medicine
Walter J. Rogan, Adjunct Professor
Bonnie Rogers, Clinical Associate Professor, Epidemiology; *Associate
Professor, Public Health Nursing
Michael J. Rosenberg, Adjunct Professor
Andrew Rowland, Adjunct Assistant Professor
Carol Runyan, Adjunct Professor; *Professor, Health Behavior and Health Education
Desmond K. Runyan, Clinical Professor; * Professor & Chair, Social and
Administrative Medicine
Gregory Samsa, Adjunct Assistant Professor
Dale Sandler, Adjunct Professor
Robert S. Sandler, Clinical Professor; *Professor, Medicine
Vilma Santana, Adjunct Assistant Professor
William Saunders, Adjunct Assistant Professor
Arnold Schechter, Adjunct Professor
Joellen M. Schildkraut, Adjunct Assistant Professor
Pamela Schwingl, Adjunct Assistant Professor
David Sheps, Clinical Professor; *Professor, Cardiology
Ilene C. Siegler, Adjunct Professor
Gary Slade, Clinical Assistant Professor, Epidemiology; *Assistant Professor,
Dental Ecology
Betsy Sleath, Clinical Assistant Professor; *Assistant Professor, Pharmacy
Philip Sloane, Clinical Professor; *Professor, Family Medicine
C. Gregory Smith, Adjunct Associate Professor
David C. Sokal, Adjunct Assistant Professor
John Stamm, Adjunct Professor; *Professor and Dean, Dentistry
Paul E. Stang, Adjunct Assistant Professor
Ronald Strauss, Clinical Professor; *Professor, Dental Ecology
David Strogatz, Adjunct Associate Professor
Jack Taylor, Adjunct Assistant Professor
Patricia Tennis, Adjunct Assistant Professor
Hugh H. Tilson, Adjunct Professor, Epidemiology; Adjunct Professor, Health
Policy and Administration
James F. Toole, Adjunct Professor
Edward H. Wagner, Clinical Professor
Emmanuel Walter, Adjunct Assistant Professor
Clarice Weinberg, Adjunct Professor
Jane Weintraub, Adjunct Associate Professor

Suzanne West, Adjunct Assistant Professor
Alice White, Adjunct Assistant Professor
Timothy Wilcosky, Adjunct Associate Professor
Allen J. Wilcox, Adjunct Professor
Mark E. Williams, Clinical Professor, Epidemiology; *Professor, Medicine
Redford Williams, Adjunct Professor
Bonnie C. Yankaskas, Adjunct Associate Professor; *Associate Professor, Radiology
Sheryl Zimmerman, Clinical Assistant Professor

B. Changes During the Year

1. Additions

Myra Carpenter, Research Assistant Professor
Sara Huston, Research Assistant Professor
Stephen Marshall, Research Assistant Professor
Kristi Passaro, Clinical Assistant Professor
Judy Rafson, Clinical Instructor
Kathryn Rose, Research Assistant Professor
Robert Yuspeh, Clinical Instructor

2. Promotions

Irva Hertz-Picciotto to Professor from Associate Professor (2/1/99)

3. Leaves

Irva Hertz-Picciotto, Pogue Leave (1/1/99 – 6/30/99)
Beth Newman, Off-Campus Assignment (1/1/99 – 5/31/99)

4. Losses

Eugene Lengerich, Clinical Assistant Professor
Duangping Liao, Research Assistant Professor
Beth Newman, Assistant Professor
Marilyn Vine, Assistant Professor

C. Special Achievements of Faculty

Dr. **Irva Hertz-Picciotto**, PhD (Professor) received a Pogue Competitive Sabbatical Leave, spring 1999. She was elected to Delta Omega Honorary Public Health Society in 1998. Dr. Hertz-Picciotto was an Invited Speaker to the International Conference on "Lead, Reproductive Toxicity, and Carcinogenicity" conference in Gargnano, Italy speaking on Blood Lead and the Risk of Adverse Reproductive Outcomes.

Dr. **Barbara Hulka**, MD (Professor) served on The National Science Panel for the Federal Judiciary on Silicone Breast Implants and Connective Tissue Diseases.

Dr. **Lenore Kohlmeier Arab**, PhD (Professor) was appointed to the Standing Subcommittee on the Interpretation and Uses of Dietary Reference Intakes of the Institute of Medicine in May, 1999. She has also been appointed to the National Research Council Commission on Life Sciences, Board on Environmental Studies and Toxicology, committee on the Toxicological Effects of Mercury.

Dr. **Dana Loomis**, PhD (Associate Professor) was appointed to a 5-year term on the Safety and Occupational Health Study Section, which reviews grant proposals for the National Institute for Occupational Safety and Health.

Dr. **David Savitz**, PhD (Professor & Chair) was appointed to the Board of Counselors of the US National Cancer Institute. He was elected as President of the Society for Epidemiologic Research, now serving as President-Elect.

D. Special Achievements of Students

Aaron Fleischauer (PhD) presented "Garlic and Cancer: A critical review of the epidemiologic literature". AACR Annual Meeting, Philadelphia PA, April, 1999. Allium vegetables and cancer: a critical review of the literature. Experimental Biology '99, Washington DC, April 1999.

Stacy Geisler (PhD) was selected to attend the "Molecular Biology in Clinical Oncology" workshop of the American Association for Cancer Research in July 1998. Only 70 students across the US were invited to attend the conference in Aspen, CO. Dr. Geisler was one of two epidemiologists in training selected to attend. All students selected to attend the workshop are also elected as associated members in the American Association for Cancer Research.

Dora Il'yasova (MSPH) presented "A case-control analysis of a relationship between consumption of meats high in heterocyclic amines and breast cancer risk in the NHANES I/NHEFS cohort. Experimental Biology '99, Washington DC, April 1999.

Marie O'Neill (PhD) received a Fulbright grant for dissertation research in Mexico. Her doctoral research will examine the role of poverty in mediating the adverse health effects of air pollution in Mexico City.

Ulrike Peters (MPH) received the International DLG award 1999 from the German Agriculture Society and a Scientific award from the German Bakery Federation, 1999. She was also Awarded the German Academic Exchange Service Fellowship for MPH work at UNC-CH, August 1998-December 1999.

Nancy Sonnenfeld's (PhD) dissertation, entitled "Volatile Organic Compounds in Drinking Water and Birthweight," won the Student Prize awarded by the Society for Paediatric and Perinatal Research in 1998.

Ruth Shults (PhD) was awarded the prize for the best student paper in a competition sponsored annually by the UNC Injury Prevention Research Center. Ruth's paper is based on research she conducted with the CDC and has been published in the American Journal of Preventive Medicine (Shults RA, Sacks JJ, Briske LA, et al., "Evaluation of three smoke detector promotion programs" Am J Prev Med 1998;15:165-171).

Student Grants Awarded

Rebecca Din-Dzietham (PhD), Association of Arterial Stiffness and Autonomic Function, CDC, \$29,500.

Kelly Evenson (PhD), Development & Analysis of Physical Activity Settings in a NC County, NCDCH, \$20,030.

Stacey Geisler (PhD), A Multifactorial Study of Survival in Head and Neck Cancer, Oral and Maxillofacial Surgery Foundation, \$54,943.

John Grabenstein (PhD), Effect of Community Pharmacists on Adult Immunization, National Institutes of Health, \$29,462.

III. Instructional Programs

A. Major Changes in Courses or Curricula

Additions: EPID 170

Deletions: EPID 223 and EPID 227

B. New Programs or Deletions Made

None

C. Changes in Learning Objectives

None

D. Special Courses or Programs Offered

None

E. Field Training Experience

None

IV. Research Program

A. Federal, State or Private Research and Training Funds Received

Awarded during the period of July 1, 1998 – June 30, 1999

Irva Hertz-Picciotto

Evaluating animal-based predictions using epidemiology, **Hertz-Picciotto, I.**, NIOSH, \$106,000

PCBs and immune status, child morbidity & early development, **Hertz-Picciotto, I.**, NIH, \$144,474

Study of Serum Heptachlor Epoxide Levels in a Cohort of Pregnant Women from California, \$51,909

Lenore Kohlmeier Arab

Case control study of the chemoprotective effect of black tea against rectal cancer, **Kohlmeier, L.**, Uniliever, \$181,726

Christine Moe

Identification of human enteric viruses in foods and foodborne disease outbreaks, **Moe, C.**, NCSU, \$66,423

Andrew Olshan

A case control study of risk factors for Wilms tumor, **Olshan, A.**, NCI, \$307,240

Wayne Rosamond

Dispatching EMS for Stroke Symptoms: A Study of 911 Tapes, **Rosamond, W.**, NCDCH, \$11,567

David Savitz

Provision of cohort data on PG & E workers, **Savitz, D.**, International Epidemiology Institute, \$7,661

North Carolina Division of Women's and Children's Health, **Savitz, D.**, NCDHHS, \$7,625

Lola Stamm

Evaluation of the efficacy of a new macrolide antibiotic (Ketolide) against *Treponema pallidum* (syphilis agent), **Stamm, L.**, Hoechst Marion Roussel, \$24,800

Epidemiology Faculty Grants Administered Through Other Departments

Robert Millikan

Pilot study of malignant melanoma, **Millikan, R.**, Vet Foreign Wars of NC, \$14,052 [administered through Lineberger Comprehensive Cancer Center]

Folate metabolism and DNA repair in colon cancer, Millikan, R., Cancer Research Foundation of America, \$ 32,550 [administered through Lineberger Comprehensive Cancer Center]

A model for genetic susceptibility: melanoma, **Millikan, R.**, Sloan-Kettering Institute, \$19,447 [administered through Lineberger Comprehensive Cancer Center]

Christine Moe

Foodborne Transmission of norwalk-like viruses: development of new strategies for detection in foods, **Moe, C.**, NIH-NIDDK, \$110,252 [administered through the Department of Gastrobiology]

Wayne Rosamond

NC Cardiovascular Disease Prevention Program (WiseWoman), **Rosamond, W.**, North Carolina Department of Health and Human Services, \$205,457 [administered through Health Promotion Disease Prevention]

Lola Stamm

North Carolina STD Cooperative Research Center - #4, **Stamm, L.**, NIAID, \$84,000 [administered through Department of Medicine]

B. Significant Publications

Ahluwalia IB, Devellis RF, & **Thomas JC.** (1998). Reproductive decisions of women at risk for acquiring HIV infection. *AIDS Educ Prev*, 10, 90-97.

Alexander LK, Keene BW, Yount BL, Geratz JD, Small JD, & **Baric RS.** (1999). ECG changes following rabbit coronavirus infection. *J Electrocardiol*, 32, 21-32.

- Arnett DK, Borecki IB, Ludwig EH, **Pankow JS**, Myers R, Evans G, Folsom AR, **Heiss G**, & Higgins M. (1998). Angiotensinogen and angiotensin converting enzyme genotypes and carotid atherosclerosis: The Atherosclerosis Risk in communities and NHLBI Family Heart Studies. Atherosclerosis, *138*, 111-116.
- Barbee SL, **Weber DJ**, Sobsey MD, & Rutala WA. (1999). Inactivation of *Cryptosporidium parvum* oocyst infectivity by disinfection and sterilization processes. Gastrointest Endosc, *49*, 605-611.
- Barbee SL, **Weber DJ**, Sobsey MD, & Rutala WA. (1999). Susceptibility of *Cryptosporidium parvum* to disinfection and sterilization processes. Gastrointest Endosc, *19*, 721.
- Baric RS**, Sullivan E, Hensley L, Young B, & Chen W. (1999). Persistent infection promotes cross-species transmissibility of mouse hepatitis virus. J Virol, *73*, 638-649.
- Becker K, Hammond R, **Moe C**, Southwick K, Hobbs M, Rhodes D, & MacCormack N. (1999). Norwalk virus crosses the scrimmage line: Transmission during a football game. Am J Epidemiol, *149*, L2.
- Bensen JT, Li RL, Hutchinson RG, Province MA, & **Tyroler HA**. (1999). Family history of coronary heart disease and pre-clinical carotid artery atherosclerosis in African Americans and whites: the ARIC study. Genet Epidemiol, *16*, 165-178.
- Berg G, **Kohlmeier L**, & Brenner F. (1998). Effect of oral contraceptive progestins on serum copper concentration. Eur J Clin Nutr, *52*, 711-715.

- Black SJ, Wang Q, Makadzange T, Li Y-L, Van Praagh A, Loomis M, & **Seed JR.** (1999). Anti-trypanosoma brucei activity of non-primate zoo sera. J Parasitol, *85*, 48-53.
- Blackmore-Prince C, Harlow SD, Gargiullo P, Lee MA, & **Savitz DA.** (1999). Chemical hair treatments and adverse pregnancy outcome among Black women in central North Carolina. Am J Epidemiol, *149*, 712-716.
- Blumenthal C, Eng E, & **Thomas JC.** (1999). STEP sisters, sex, and STDs: A process evaluation of the recruitment of lay health advisors. Amer J Health Promot, In Press, Fall/Winter.
- Borja-Aburto VH, Castillejos M, Gold DR, Bierzwinski S, & **Loomis D.** (1998). Mortality and ambient fine particles in Southwest Mexico City, 1993-1995. Environ Health Perspect, *106*, 849-855.
- Borja-Aburto VH, **Hertz-Picciotto I**, Rojas M, Farias P, Rios C, & Blanco J. (1999). Blood lead levels measured prospectively and risk of spontaneous abortion. Am J Epidemiol, In Press, Fall/Winter.
- Byers T, Bales V, Ford E, Massoudi B, Mokdad A, Myers G, Pruden J, Smith SJ, Will J, Bolduc B, Doctor LJ, Economos C, Garces C, Katz D, Lowney K, Madison M, Palombo R, Stoddard A, Coe K, Fleming K, Smith J, Simpson L, Marshall J, Staten L, Lockwood K, Andersen P, Hilgenberg D, Holliday J, **Rosamond W**, & Ammerman A. (1999). Cardiovascular disease prevention for women attending breast and cervical cancer screening programs: The WISEWOMAN projects. Prev Med, *28*, 496-502.
- Carpenter MA**, Tockman MS, Hutchinson RG, Davis CE, & **Heiss G.** (1999). Demographic and anthropometric correlates of maximum inspirator pressure - The Atherosclerosis Risk in Communities Study. Amer J Respir Critical Care Med, *159*, 415-422.
- Cerhan JR, Folsom AR, Mortimer JA, Shahar E, Knopman DS, McGovern PG, Hays MA, Crum LD, & **Heiss G.** (1998). Correlates of cognitive function in middle-aged adults. Gerontology, *44*, 95-105.
- Chen W, Yount B, Hensley L, & **Baric RS.** (1998). Receptor homologue scanning functions in the maintenance of MHV persistence in vitro. Adv Exp Med Biol, *440*, 743-750.
- Clontz EP, Hoffmann KK, Rutala WA, & **Weber DJ.** (1998). Statewide program for infection control and epidemiology spreads computer virus. Infect Cont Hosp Epidemiol, *19*, 737-738.

- Conlisk E**, Herrick H, & **Passaro K**. (1999). Patients' report of counseling on mammography screening by health-care providers--North Carolina, 1997. MMWR, 48, 355-357.
- Conlisk E**, Lengerich E, Schildkraut J, Wahnefried-Denmark W, & Aldrich T. (1999). Prostate cancer: Demographic and behavioral correlates of stage at diagnosis among black and white men in North Carolina. Urology, 53, 1194-1199.
- Cook RL, **Royce RA**, **Thomas JC**, & Hanusa BH. (1999). What's driving an epidemic? The spread of syphilis along an interstate highway in rural North Carolina. Am J Public Health, 89, 369-373.
- Coyne-Beasley T, & **Schoenbach VJ**. (1999). Expanding the role of the African American church in sexuality education for young adolescents. J Adolesc Health, In Press, Fall/Winter.
- Coyne-Beasley T, **Schoenbach VJ**, & Herman-Giddens ME. (1999). The epidemiology of adolescent homicide in North Carolina 1990-1995. Arch Pediatr Adolesc Med, 153, 349-356.
- Curtis KM, **Savitz DA**, Weinberg CR, & Arbuckle TE. (1999). The effect of pesticide exposure on time to pregnancy. Epidemiology, 112, 112-117.
- Denmark-Wahnefried W, Schildkraut J, Iselin C, **Conlisk E**, Kavee A, Aldrich T, Lengerich E, Walther P, & Paulson D. (1998). Factors associated with treatment options, selection and satisfaction among black and white men in the southeast. Cancer, 83, 320-330.
- Diez-Roux AV, Nieto FJ, Caulfield L, **Tyroler HA**, Watson RL, & Szklo M. (1999). Neighborhood differences in diet: the Atherosclerosis Risk in Communities (ARIC) Study. J Epidemiol Community Health, 53, 55-63.
- Din-Dzietham R, Evans G, Couper D, Jones D, Liao D, Arnett D, **Tyroler HA**, & **Heiss G**. (1999). African Americans have stiffer common carotid arteries (CCA) than European-Americans: The ARIC study 1987-1992. Am J Epidemiol, 149, Suppl S., 289.
- Din-Dzietham R, Liao DP, Diez-Roux A, Paton K, Brown A, Carnethon M, Howard G, Nieto FJ, & **Tyroler HA**. (1999). Carotid artery elasticity varies directly with educational achievement level: The ARIC Study. Circulation, 99, 20.
- Duncan BB, Schmidt MI, Offenbacher S, Wu KK, Savage PJ, & **Heiss G**. (1999). Factor VIII and other hemostasis variables are related to incident diabetes in adults - The Atherosclerosis Risk in Communities (ARIC) study. Diabetes Care, 22, 767-772.
- Duncan BB, Schmidt MI, Sharrett AR, Smith L, & **Heiss G**. (1999). Lipids and

- lipoproteins in the prediction of incident diabetes in adults: The ARIC study. Diabetes, 48(Suppl 1), 751.
- Dyer JR, Kazembe P, Vernazza PL, Gilliam BL, Maida M, Zimba D, Hoffman IF, **Royce RA**, Schock JL, Fiscus SA, Cohen MS, & Eron JJ. (1998). High levels of human immunodeficiency virus type 1 in blood and semen of seropositive men in sub-Saharan Africa. J Infect Dis, 177, 1742-1746.
- El Sawalhy A, & **Seed JR**. (1998). Diagnosis of trypanosomiasis in experimental mice and field-infected camels by detection of antibody to trypanosome tyrosine aminotransferase. J Parasitol, 84, 1245-1249.
- Evenson K, **Rosamond W**, Cai J, Toole J, Hutchinson R, Shahar E, & Folsom A. (1999). Physical activity and ischemic stroke risk: The Atherosclerosis Risk in Communities Study. Stroke, In Press, Fall/Winter.
- Fiscus SA, Adimore AA, **Schoenbach VJ**, McKinney R, Lim W, Rupar D, Kenny J, Woods C, Wilfert C, & Johnson VA. (1999). Trends in HIV counseling, testing and antiretroviral treatment of human immunodeficiency virus-infected women and minimal perinatal transmission in North Carolina. J Infect Dis, In Press, Fall/Winter.
- Folsom A, **Rosamond W**, Shahar E, Cooper L, Aleksic N, Nieto J, Rasmussen M, & Wu K. (1999). Prospective study of markers of hemostatic function, inflammation, and endothelial function with risk of ischemic stroke. Circulation, In Press, Fall/Winter.
- Folsom AR, **Stevens J**, Schreiner PJ, & McGovern PG. (1998). Body mass index, waist/hip ratio, and coronary heart disease incidence in African Americans and whites. Am J Epidemiol, 148, 1187-1194.
- Fox KK, **Thomas JC**, Weiner DH, Davis RH, Sparing PF, & Cohen MS. (1999). Longitudinal evaluation of serovar-specific immunity to *Neisseria gonorrhoeae*. Am J Epidemiol, 149, 353-358.
- Francesconi I, Wiolson WD, Tanious FA, **Hall JE**, Bender BC, McCurdy DR, Tidwell RT, & Boykin DW. (1999). 2,4-Diphenyl furan diamidines as novel anti-*Pneumocystis carinii* agents. J Med Chem, 42(12), 2260-2265.
- Furberg H, **Newman B**, **Millikan R**, & Geradts J. (1999). Pathologic features of breast cancers stratified by race, age and menopausal status: The Carolina Breast Cancer Study experience. Lab Invest, 79, 101.
- Furberg H, **Newman B**, **Millikan R**, & Moorman P. (1999). Lactation and breast cancer risk. Int J Epidemiol, 28, 396-402.
- Gallagher MD, Nuckols JR, Stallones L, & **Savitz DA**. (1998). Exposure to

- trihalomethanes and adverse pregnancy outcomes. Epidemiology, 9, 484-489.
- Greene SR, & **Stamm LV**. (1999). Molecular characterization of a chemotaxis operon in the oral spirochete, *Treponema denticola*. Gene, 232, 59-68.
- Greene SR, & **Stamm LV**. (1998). Molecular characterization of *Treponema pallidum mcp2*, a putative chemotaxis protein gene. Infect Immun, 66, 2999-3002.
- Greenland S, Michels KB, Robins JM, **Poole C**, & Willett WC. (1999). Presenting statistical uncertainty in trends and dose-response relations. Am J Epidemiol, 149, 1077-1086.
- Guallar E, Aro A, Jimenez FJ, Martin-Moreno JM, Salminen I, van't Veer P, Kardinaal AFM, Gomex-Aracena J, Martin BC, **Kohlmeier L**, Kark J, Mazaev V, Ringstad J, Guillen J, Rimenersma RA, Huttunen JK, & Kok F. (1999). Omega-fatty acids in adipose tissue and risk of myocardial infarction: the EURAMI study. Arterioscler Thromb Vasc Biol, 9, 1111-1118.
- Hall JE**, Kerrigan JE, Ramachandran K, Bender BC, Stanko JP, Jones SK, Patrick DA, & Tidwell RR. (1998). Anti-pneumocystis activities of aromatic diamidoxime prodrugs. Antimicrob Agents Chemother, 42, 666-674.
- Hartmann K, Throp JM, McDonald TL, **Savitz DA**, & Granados JL. (1999). Cervical dimensions and risk of preterm birth: A prospective cohort study. Obstet Gynecol, 93, 504-509.
- Hensley LE, & **Baric RS**. (1998). Human biliary glycoproteins function as receptors for interspecies transfer of Mouse Hepatitis virus. Adv Exp Med Biol, 440, 43-52.
- Hensley LE, Holmes KV, Beauchemin N, & **Baric RS**. (1998). Virus-receptor interactions and interspecies transfer of a mouse hepatitis virus. Adv Exp Med Biol, 440, 33-42.
- Hertz-Picciotto I**. (1999). What you should have learned (in graduate school) about epidemiologic data analysis. Epidemiol, In Press, Fall/Winter.
- Hertz-Picciotto I**, Arrighi MH, & Hu S-W. (1999). Does arsenic exposure increase the risk for circulatory disease? Am J Epidemiol, In Press, Fall/Winter.
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