

# EPIDEMIOLOGY NEWS

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Department of Epidemiology, School of Public Health, UNC

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## **INTRODUCING NEW FACULTY MEMBERS**

The department would like to welcome Drs. Edison Liu, Lester Lee, Christine Moe, and Katherine Conway as new members of the faculty.

Dr. Edison Liu, Assistant Professor, with a primary appointment in the Department of Medicine will be heading the new Molecular Epidemiology Laboratory. This activity will be a major new thrust in the field of Epidemiology integrating laboratory sciences with population based epidemiology.

Dr. Lester Lee, Research Assistant Professor, will be active with the Environmental Protection Agency Cooperative Agreement. He will be the study coordinator for the EPA Cooperative Agreement and is important to our efforts in environmental epidemiology and biological markers as one aspect of exposure assessment.

Dr. Christine Moe, Research Assistant Professor, is a faculty member in the Infectious Disease area. She is setting up a laboratory for the analysis of water-borne viral diseases.

Dr. Katherine Conway, Research Assistant Professor, is a molecular biologist and is running day to day activities of the molecular epidemiology laboratory.

## **THE DEPARTMENT OF EPIDEMIOLOGY AS A COMMUNITY**

You are invited to the Department of Epidemiology's Development Day, March 24, 1993 from 12:00 noon to 4:30 pm in the Upendo Lounge on the second floor of Chase Hall. Meet your neighbors (students, adjunct faculty, et. al.), take advantage of a stress management workshop, and enjoy a satirical play. Free refreshments provided.

## **UPCOMING EVENTS**

### **FIRST ANNUAL INFORMATION TECHNOLOGY AWARDS**

There is an Information Technology Awards Luncheon and Ceremony scheduled for April 7, 1993 from 11:30 am - 1:30 pm at the Carolina Inn.

## **RECEPTION IN HONOR OF DR. BARBARA HULKA**

There is a reception scheduled to honor Dr. Barbara Hulka for her 10 years of service to the department as chairperson on June 8 from 3:00 - 5:00 pm in the Old Well Room at the Carolina Inn. Formal invitations will be forthcoming.

## **OFFICIAL UNIVERSITY SPRING HOLIDAYS**

The University will be closed on April 5 for Good Friday and May 31 for Memorial Day. The department will be closed on these dates.

## **IN THE NEWS**

The School of Public Health's Public Relations Office provides the department with monthly reports of persons (faculty, staff, and students) in our department making the news (newspapers, magazines, etc.). Listed in this section are highlights of who has been in the news since January 1, 1993. A copy of the news clipping can be checked out from Lesa McPherson (2103B).

Chen, J: "Study indicates earlier prenatal care healthier". ROANOKE BEACON.

Hulka, B: "Pact signed for research to protect human health". HERALD-SUN.

Hulka, B: "UNC-CH EPA will collaborate on health project". NORTH CAROLINA BEACON.

Hulka, B: "New facts about breast cancer". READER'S DIGEST.

Kohlmeier, L: "Birds and cancer?". NORTH CAROLINA BEACON

Kohlmeier, L: "Pet peeve (pet birds and lung cancer)". GOOD HOUSEKEEPING MAGAZINE

Shy, C: "Scientist begin first study of health effects of waste-burning facilities". NEWS HERALD.

Shy, C: "Scientist begin first study of health effects of waste-burning facilities". NORTHHAMPTON NEWS.

Shy, C: "Aquadale not happy with air study". SALISBURY POST.

Shy, C: "UNC-CH studies pollution". TOPSAIL VOICE.

Shy, C: "Airquality study draws some doubts". STANLEY NEW & PRESS.

Shy, C & Wing S: "New study supports Oak Ridge radiation findings". NORTH CAROLINA BEACON.

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## **PUBLICATIONS OF THE FACULTY**

At the December Departmental Faculty Retreat, there was discussion regarding ways to share with members of the department about the research of our faculty. The group decided to use the departmental newsletter to publish a listing of the publications of the faculty. The publication listed in this quarter's newsletter are for the year of 1992.

**Hall JE, Brands MW, Hildebrandt DA, Mizelle HL:** Obesity-associated hypertension. Hyper-insulinemia and renal mechanisms. *Hypertension* 19(1 Suppl.):145-55, 1992.

**Brands MW, Hildebrandt DA, Mizelle HL, Hall JE:** Hypertension during chronic hyperinsulinemia in rats is not salt-sensitive. *Hypertension* 19(1 Suppl.):183-89, 1992. **Mizelle HL, Gaillard CA, Manning RD, Hall JE:** Mechanism of decreased cardiac output during ANP infusion in conscious anephric dogs. *Am J Physiol* 252(1 pt. 2):R120-125, 1992.

**Hall JE, Mizelle HL, Brands MW, Hildebrandt DA:** Pressure natriuresis and angiotensin II in reduced kidney mass, salt-induced hypertension. *Am J Physiol* 252(1 pt. 2):R61-71, 1992.

**Hall JE, Schoenfeld DA, Martin KA, Crowley WF, Jr.:** Hypothalamic gonadotropin-releasing hormone secretion and follicle-stimulating hormone dynamics during the luteal-follicular transition. *J Clin Endocrinol Metab* 74(3):600-607, 1992.

**Hildebrandt DA, Mizelle HL, Brands MW, Hall JE:** Comparison of renal actions of urodilation and atrial natriuretic peptide. *Am J Physiol* 262(3 Pt. 2):R395-399, 1992.

**Berger BJ, Henry L, Hall JE, Tidwell RR:** Problems and pitfalls in the assay of pentamidine. Implications for clinical use. *Clin Pharmacokinet* 22(3):163-168, 1992.

**Weiner AJ, Geysen HM, Christopherson C, Hall JE, Mason TJ, Saracco G, Bonino F, Crawford K, Marion CD, Crawford KA, et al:** Evidence for immune selection of hepatitis C virus (HCV) putative envelope glycoprotein variants: potential role in chronic HCV infections. *Proc Natl Acad Sci USA* 98(8):3468-3472, 1992.

**Leelayoova S, Marbury D, Rainey PM, MacKenzie NE, Hall JE:** In vitro tryptophan catabolism by *Leishmania donovani* promastigotes. *J Protozool* 39(2):350-358, 1992.

**Ehring GR, Lagos N, Zampighi GA, Hall JE:** Phosphorylation modulates the voltage dependence of channels reconstituted from the major intrinsic protein of lens fiber membranes. *J Membr Biol* 126(1):75-88, 1992.

**Berger BJ, Naiman NA, Hall JE, Peggins J, Brewer TG, Tidwell RR:** Primary and secondary metabolism of pentamidine by rats. *Antimicrob Agents Chemother* 36(9):1825-1831, 1992.

**Haertel U, Heiss G, Filipiak B, Doering A:** Cross-sectional and longitudinal associations between high density lipoprotein cholesterol and women's employment. *Am J Epidemiol* 135(1):68-78, 1992.

**Mundt KA, Chambless LE, Burnham CB, Heiss G:** Measuring ankle systolic blood pressure: validation of the Dinamap 1846 SX. *Angiology* 43(7):555-566, 1992.

**Rifai N, Heiss G, Doetsch K:** Lipoprotein(a) at birth, in blacks and whites. *Atherosclerosis* 92(2-3):123-129, 1992.

**Ferrario M, Cesana GC, Heiss G, Linn SA, Mocarelli P, Tyroler HA:** Demographic and behavioral correlates of high density lipoprotein cholesterol. An international comparison between northern Italy and the United States. *Int J Epidemiol* 21(4):665-675, 1992.

**Weinberg CR, Hertz-Picciotto I, Baird DD, Wilcox AJ:** Efficiency and bias in studies of early pregnancy loss. *Epidemiology* 3(1):17-22, 1992.

**Hertz-Picciotto I, Smith AH, Holtzman D, Lipsett M, Alexeeff G:** Synergism between occupational arsenic exposure and smoking in the induction of lung cancer. *Epidemiology* 3(1):23-31, 1992.

**Thomas DC, Petitti DB, Goldhaber M, Swan SH, Rappaport EB, Hertz-Picciotto I:** Reproductive outcomes in relation to malathion spraying in the San Francisco Bay Area, 1981-1982. *Epidemiology* 3(1):32-39, 1992.

**Hertz-Picciotto I, Swan SH, Neutra RR:** Reporting bias and mode of interview in a study of adverse pregnancy outcomes and water consumption. *Epidemiology* 3(2):104-112, 1992.

**Neutra RR, Swan SH, Hertz-Picciotto I, Windham GC, Wrensch M, Shaw GM, Fenster L, Deane M:** Potential sources of bias and confounding in environmental epidemiologic studies of pregnancy outcomes. *Epidemiology* 3(2):134-144, 1992.

**Swan SH, Neutra RR, Wrensch M, Hertz-Picciotto I, Windham GC, Fenster L, Epstein DM, Deane M:** Is drinking water related to spontaneous abortion? Reviewing the evidence from the California Department of Health Services Studies. *Epidemiology* 3(2):83-93, 1992.

**Smith AH, Hopenhayn-Rich C, Bates MN, Goeden HM, Hertz-Picciotto I, Duggan HM, Wood R, Kosnett MJ, Smith MT:** Cancer risks from arsenic in drinking water. *Environ Health Perspect* 97:259-267, 1992.

- Hulka BS, Margolin BH:** Methodological issues in epidemiologic studies using biologic markers. *Am J Epidemiol* 135(2):200-209, 1992.
- Coker AL, Hulka BS, McCann MF, Walton LA:** Barrier methods of contraception and cervical intraepithelial neoplasia. *Contraception* 45(1):1-10, 1992.
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- Kohlmeier L:** Dietary methodology considerations for NHANES III. *Vital Health Stat [4]* 27:81-84, 1992.
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- Loomis DP:** Excess cancer among white-collar workers in studies based on death certificates [letter]. *J Occup Med* 34(6):592-593, 1992.
- Zapata BC, Rebolledo A, Atalah E, Newman B, King MC:** The influence of social and political violence on the risk of pregnancy complications. *Am J Public Health* 82(5):685-690, 1992.
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- Stevens RG, Savitz DA:** Is electromagnetic fields and cancer an issue worthy of study? [letter]. *Cancer* 69(2):603-607, 1992.
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- Savitz DA:** Measurements, estimates, and inferences in reporting epidemiologic study results [editorial]. *Am J Epidemiol* 135(3):223-224, 1992.
- Feingold L, Savitz DA, John EM:** Use of a job-exposure matrix to evaluate parental occupation and childhood cancer. *Cancer Causes Control* 3(2):161-169, 1992.
- Savitz DA, Zhang J:** Pregnancy-induced hypertension in North Carolina, 1988 and 1989. *Am J Public Health* 82(5):675-679, 1992.
- O'Shea M, Savitz DA, Hage ML, Feinstein KA:** prenatal events and the risk of subependymal/intraventricular haemorrhage in very low birthweight neonates. *Paediatr Perinat Epidemiol* 6(3):352-362, 1992.
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