

Age, Sex & Race:



Toward a New Understanding for Epidemiology

**American College
of Epidemiology**

**Annual Scientific
Sessions**

September 22-24, 2002

**Sheraton Old Town Hotel
Albuquerque, New Mexico**





American College of Epidemiology

The professional organization dedicated to continued education and advocacy for epidemiologists in their efforts to promote the public health.

www.acepidemiology.org

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Accommodations

The site of the 2002 Annual Meeting is the Sheraton Old Town Hotel located in Albuquerque, New Mexico. The hotel offers special rates of \$125 single occupancy, \$135 double occupancy, or \$175 for a suite. Please tell them you are attending the ACE Annual Meeting and reserve before August 20, 2002. For reservations please contact the hotel directly by calling (505) 843-6300 or 800-237-2133.



Thanks to our Sponsors!

**National Institute of Environmental
Health Sciences**

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Workshop 1 –

Molecular Genetics for Epidemiologists: From the Basics to More Advanced Topics

Faculty:

Jack A. Taylor, MD, PhD, Chief, Molecular and Genetic Epidemiology Section, Laboratory of Molecular Carcinogenesis and Senior Investigator, Epidemiology Branch, NIEHS, NIH

Morning: 9 am - 12 noon

Afternoon: 1 pm - 5 pm

This will be a two-part workshop. The morning will consist of a review of molecular genetics designed to provide a background in the techniques of DNA analysis for epidemiologists. The workshop will provide a basic background for those who wish a more clear understanding of concepts and techniques used in molecular epidemiology, and a basis from which to move on to the afternoon course on advanced topics.

The afternoon will be an extension of the morning workshop and will cover selected advanced and emerging areas of genetics and genomics. The course will focus initially on topics related to DNA polymor-

phism, mutation and DNA repair, and discuss application of these issues to the study of disease etiology with a focus on cancer. DNA chips, expression arrays, and other technologies have gathered considerable interest within the epidemiology community, although they have seldom been applied in epidemiology studies. The course will provide the epidemiologist with a conceptual understanding of these technologies and the current limitations on their application. Finally, the workshop will try to anticipate near and intermediate-term applications of emerging genomic technologies on epidemiology studies, and suggest practical aspects of tissue procurement and storage, and consent.

Goals of this workshop:

- Review selected technical topics of DNA of interest to the epidemiologist including, polymorphism discovery, spontaneous and induced mutation, DNA repair, DNA as a lifetime dosimeter of exposure
- Describe the basis of emerging technologies for genetic analysis including DNA chips, expression arrays, and mass spectroscopy
- Discuss how such technologies and the field of genomics may be applied in epidemiology studies and tissue sample requirements



Workshop 2 –

Epidemiology of Pharmaceuticals and Other Medical Products: A Workshop on Current Methods and Data Resources

Faculty:

Judith K. Jones, MD, PhD, The Degge Group, Ltd.
 Suellen Curkendall, PhD, The Degge Group, Ltd.
 FDA Epidemiologist (TBD)

9 am - 5 pm

This workshop will provide an overview of this area of epidemiology that is often driven by the need for data to develop regulatory decisions on the safety, efficacy, use, cost-effectiveness or cost-benefit of pharmaceuticals and medical products. The course will provide an overview of the regulatory framework and the role of spontaneous reports of adverse events that stimulate epidemiologic research as drugs or medical products reach the marketplace. This will be followed by an explanation of methods for determining the drug or medical product exposure using various data resources which will be illustrated with a short interactive workshop. Finally, the application of standard epidemiologic methods as well as some newer analytical methodology will be presented using current examples.

Goals of this workshop:

- Understand the unique features of
- The regulatory process that drives many research efforts relating to medical products
- Defining exposure to pharmaceuticals, biologics, and other medical products.
- Become familiar with both established and potential data resources for retrospective epidemiologic studies of use and risks associated with these products.
- Become acquainted with the use of newer methods now being applied to this area.

Workshop 3 –

Multivariate Analysis in Public Health

Faculty:

Ana V. Diez Roux, MD, PhD, Assistant Professor of Medicine and Epidemiology, Columbia University
 Ron Harrist, PhD, Associate Professor of Biometry, University of Texas Health Science Center at Houston, School of Public Health

9 am - 5 pm

Multilevel analysis has emerged as a powerful new analytic technique with many potential applications in public health and epidemiology. This workshop will: (1) review the rationale for the use of multilevel analysis in epidemiology generally and in social epidemiology in particular; (2) summarize fundamental concepts in the multilevel approach, review the basics of multilevel models for continuous and dichotomous outcomes, and show how multilevel models differ from other analytical approaches; and (3) provide examples of applications of multilevel models in analyses involving individuals nested within groups and repeated measures nested within individuals. The use of two different software packages will also be briefly illustrated. Although previous understanding of linear and logistic regression analysis will be required, no previous experience with multilevel analysis is necessary. The workshop will emphasize fundamental issues, concepts, interpretation, and application rather than mathematical derivations.

Goals of this workshop:

- Understand the strengths and limitations of multilevel analysis in public health and epidemiology
- Understand the fundamentals of multilevel models, the situations in which they are useful, and how these models differ from standard epidemiologic approaches
- Understand the basics of fitting multilevel models and interpreting key results using available software

Workshop 4 – TBD (half day)

Workshop 5 –

Community-Based Participatory Research with Native American and Latino Communities: Epidemiologists in the Community

Faculty:

Nina Wallerstein, DrPH, University of New Mexico

Felicia Hodges, DrPH, University of Minnesota

Leslie L. Randall, RN, MPH, MCH, Epidemiologist, CDC

Nancy Reifel, DDS (Rosebud Tribe) (Chair), IHS,
UCLA School of Dentistry, Public Health Division

Harriet Ypea, MSW, MPH (candidate), UNM (Pueblo
Indian)

Alexander Ortega, PhD (Chair), Minority Affairs Commit-
tee, American College of Epidemiology, Yale University

Ronit Elk, PhD, American Cancer Society, Behavioral
Research Division

Willo Pequenot, PhD, NIMH, NIH

9 am – 5 pm

Historically, epidemiologic research has been conducted without input from the communities for whom the research is most needed in order to improve health outcomes. In the last decade communities and racial/ethnic minorities have demanded to be active participants in the design and conduct of research essential to the health of their communities. Increasingly, epidemiologists have adopted methodology that incorporates participation of community members/organizations at various stages of the research effort, including but not limited to design, implementation, and communication of findings. This day-long work-

shop which is free of charge to researchers, community based organizations and stakeholders in the health of Native American and Latino communities is designed to learn how the principles and techniques of community-based participatory research can be integrated into epidemiologic research.

Participants will share examples of their work and issues in working with various subpopulations within each of the above groups. Time will be left for audience members to ask questions, share concerns and experiences with the experts and audience in order to increase their knowledge of the conduct of research in the target populations.

Working with Native American Communities

Leslie L. Randall, RN, MPH, MCH Epidemiologist,
CDC, Member of Ni Mii Pu Nation (Nez Perce Tribe),
MCH & Public Health Leadership Doctoral Fellow

Nancy Reifel, DDS (Rosebud Tribe) (Chair), IHS,
UCLA School of Dentistry, Public Health Division,
UCLA Center for Native American Studies

Harriet Ypea, MSW, MPH (candidate), UNM (Pueblo
Indian)

Working with Latino Communities

Alexander Ortega, PhD (Chair) Minority Affairs
Committee, American College of Epidemiology,
Yale University

Sunday, September 22

7:30 am - 8:00 pm Registration

9:00 am - 5:00 pm Preconference Workshops

Workshop 1 – Molecular Genetics for Epidemiologists: From the Basics (morning) to More Advanced Topics (afternoon)

Jack A. Taylor, National Institute of Environmental Health Sciences

Workshop 2 – Epidemiology of Pharmaceuticals and Other Medical Products: A Workshop on Current Methods and Data Resources

Judith Jones and Suellen Curkendall, The Degge Group, Ltd. and TBA, Food and Drug Administration

Workshop 3 – Multilevel Analysis in Public Health: Concepts and Applications

Ana DiezRoux, Columbia University School of Public Health, and Ron Harrist, University of Texas

Workshop 4 – TBD (half day)

Workshop 5 – Community-Based Participatory Research with Native Americans and Latino Communities: Epidemiologists in the Community

Felicia Hodge, University of California, San Francisco Center for American Indian Research Studies, and Nina Wallerstein, University of New Mexico

7:00 pm – 9:00 pm **Reception – Epidemiology in New Mexico and Environs**

Host Committee: Cosette Wheeler, Rick Baumgartner and Kathy Baumgartner, University of New Mexico



Monday, September 23

7:00 am - 5:00 pm Registration

8:30 - 9:00 am Welcome to ACE Annual Meeting
Richard A. Kaslow, University of Alabama, ACE President

Welcome to Albuquerque
Cosette Wheeler, University of New Mexico, for the Host Committee

Introduction of Keynote Speaker
Jonathan M. Samet, Johns Hopkins University School of Hygiene and Public Health, ACE Past President

9:00 - 9:45 am Keynote Address – A Healthy Environment
Stewart Udall, former Congressman, Secretary of the United States Department of the Interior and Environmental Leader

9:45 - 10:00 am Beverage Break

10:00 am - 12:00 pm Symposium I – What's New with the Old: The Epidemiology of Aging

12:00 - 12:30 pm

Moderator: Paul H. Levine, George Washington University School of Public Health and Health Services

Co-Organizer: Tamara Harris, National Institute on Aging

Why Some Risk Factors That Are Bad for the Young Are Good for the Old
Lenore Launer, National Institute on Aging

Blood Sugar and Its Risk in Old Age
Beatriz Rodriguez, University of Hawaii

Are Single Outcomes Still Valid in Understanding Chronic Disease?
Tamara Harris, National Institute on Aging

The Social Determinants in Health and Aging
George A. Kaplan, University of Michigan

Buffet Lunch (followed by two simultaneous forums)
By reservation only. Must pre-register for lunch.



12:30 - 2:00 pm

**Forums: A Luncheon
Roundtable Discussion****I. Education in Epidemiology**

*Moderators: Nora Lee and
Jonathan M. Samet, Johns
Hopkins University School of
Hygiene and Public Health*

Commentators: TBA

**II. Issues in Environmental and
Occupational Epidemiology**

*Moderator: John F. Acquavella,
Monsanto Company*

Commentators: TBA

2:00 - 4:00 pm

**Policy Forum – Epidemiology
After 9/11: Time to Rearrange
Priorities for Public Health?**

*Moderator: Carlos A. Camargo, Jr,
Harvard University*

*Co-Organizer: Brian L. Strom,
University of Pennsylvania School
of Medicine, for the Policy
Committee*

*Panelists: Scott R. Lillibridge,
Special Assistant for
Bioterrorism, DHHS, Washington
DC, Michael A. Stoto, Senior
Statistical Scientist, RAND,
Arlington, VA*

4:00 - 6:00 pm

Poster Session and Reception

*Chairs: Irene Hall, National
Center for Chronic Disease
Prevention and Health Promotion,
and Marlene B. Goldman, New
England Research Institutes, for
the Publication Committee*

*Prizes will be awarded for the
best student poster and the best
overall posters.*

6:00 - 7:00 pm

**Business Meeting for ACE
Members**

7:00 - 9:00 pm

Lilienfeld Award Banquet

Award Address: TBA

*Clark W. Heath, Jr, for the Awards
Committee*

Tuesday, September 24

7:00 - 11:00 am

Registration

7:30 - 9:00 am

Breakfast Roundtables

*Chair: Patricia Hartge, National
Cancer Institute*

**Policy Implications of Health
Disparities Research**

*Barbara Kivimae Krimgold,
Center for the Advancement of
Health, Washington, DC*

**Vaccination Against Cervical
Cancer: Fruits of the New
Epidemiology**

*Cosette Wheeler, University of
New Mexico*

**Roles and Responsibilities of
Epidemiologists**

TBD

**Making Strong Community
Partnerships in Epidemiology**

*Thistle Elias, University of
Pittsburgh*

**Cancer Risks and Pesticides:
Challenges in Environmental
Epidemiology**

*Aaron Blair, National Cancer
Institute*

**Sharing What's New with Data
Sharing**

*Robert Hiatt, National Cancer
Institute*

**Infections, Antibiotics,
Resistance: The intersection
of Molecular Epidemiology
and Public Health**

*Betsy Foxman, University of
Michigan School of Public Health*

9:00 - 9:25 am

Presidential Address

*Richard A. Kaslow, University of
Alabama, ACE President*

9:25 - 9:50 am	2002 Student Prize Paper <i>Vivan Sanasuttipun, National Institute of Environmental Health Sciences</i>	1:30 - 3:30 pm	Symposium III – Ethnicity and Epidemiology: Casting Race in a New Light <i>Moderator: Carol J. Rowland Hogue, Emory University Rollins School of Public Health</i>
9:50 – 10:00 am	Break		
10:00 - 12:00 am	Symposium II – When Epidemiologists Think about Sex: Gender and Epidemiology <i>Moderator: Maureen C. Hatch, National Cancer Institute</i> <i>Co-Organizer: Marlene B. Goldman, New England Research Institutes</i>		Taxonomy of the US Caste System: Race and Ethnicity as Caste Based on Phenotype <i>Carol J. Rowland Hogue, Emory University Rollins School of Public Health</i>
	Gender Gaps in Cancer Risk <i>Marlene B. Goldman, New England Research Institutes</i>		Socioeconomic Status and Health: Isolating the Impacts of Racism <i>Camara Phyllis Jones, Epidemiology and Clinical Trials Center, Association of Black Cardiologists, Inc.</i>
	The Role of Gender in Autoimmune Diseases <i>Michael D. Lockshin, Barbara Volcker Center for Women and Rheumatic Disease</i>		The Components of Acculturation <i>Sylvia Guendelman, University of California at Berkeley</i>
	The Influence of Reproductive Events on Later Cardiovascular Disease <i>Roberta Ness, University of Pittsburgh Graduate School of Public Health</i>		The Roles of Genes <i>Charles M. Rotimi, National Human Genome Center, Howard University</i>
	Lessons Learned: How Should We Measure the Effects of Gender on Health and Disease <i>Ellen Silbergeld, University of Maryland</i>	4:00 pm	Adjourn
12:00 - 1:30 pm	Ethics and Standards of Practice: A Luncheon Roundtable Discussion Asking the Right Question: Is the Formulation of Research Questions an Ethical Issue? <i>By reservation only. Must pre-register for lunch.</i> <i>Moderators: Robert McKeown, University of South Carolina, and Fellows of the College</i>		

2003 ACE Annual Scientific Sessions

September 7-9, 2003

Chicago, Illinois

Registration Form

American College of Epidemiology Annual Scientific Sessions

September 22 - 24, 2002 ■ Sheraton Old Town Hotel ■ Albuquerque, NM

Pre-registration closes on September 3, 2002. Registrations received after September 3 will be processed at on-site rates. Refunds will be issued for cancellations received in writing by September 13, 2002.

Please print or type the following information. It will be used to print your name badge and mail your confirmation.

Name _____
FIRST MIDDLE LAST DEGREE

Institution _____

Address _____

City _____ State _____ Zip _____

Daytime Telephone _____ Fax _____

E-mail _____

Workshop Registration

Preconference Workshops 1 - 5 – September 22

Five workshops will be held on Sunday, September 22. Enrollment is limited. Please indicate your 1st, 2nd, and 3rd choices. You will be assigned your highest priority available.

Workshop 1 – Molecular Genetics for Epidemiologists: From the Basics (a.m.) to More Advanced Topics (p.m.); Jack A. Taylor, National Institute of Environmental Health Sciences
____ Full day
____ Half day (a.m.)
____ Half day (p.m.)

Workshop 2 – Epidemiology of Pharmaceuticals and Other Medical Products: A Workshop on Current Methods and Data Resources; Judith Jones and Suellen Curkendall, The Degge Group, Ltd. and TBA, Food and Drug Administration

Workshop 3 – Multilevel Analysis in Public Health: Concepts and Applications; Ana Diez Roux, Columbia University School of Public Health, and Ron Harrist, University of Texas

Workshop 4 – TBA (half day)

Workshop 5 – (FREE OF CHARGE) Community-Based Participatory Research with Native Americans and Latino Communities: Epidemiologists in the Community; Felicia Hodge, University of California, San Francisco Center for American Indian Research Studies, and Nina Wallerstein, University of New Mexico

Full-Day Workshops: 1, 2, 3

Member \$165 \$ _____
Non-Member \$210 \$ _____
Student* \$110 \$ _____

Half-Day Workshop: 1 (a.m. or p.m.) or 4

Member \$105 \$ _____
Non-Member \$165 \$ _____
Student* \$ 85 \$ _____

(A \$50 surcharge will be assessed for on-site preconference workshop registration.)

Monday Lunch Education Forums – September 23

(must pre-register – includes lunch)

____ Education in Epidemiology
____ Issues in Environmental and Occupational Epidemiology
..... \$19 \$ _____

Tuesday Lunch Roundtable Discussion – September 24

(must pre-register – includes lunch)

____ Ethics and Standards of Practice.... \$19 \$ _____

General Registration

Registration includes all sessions (except preconference workshops and lunch roundtable workshops), breaks, roundtable breakfast, banquet, and poster reception.

	Before 9/3	After 9/3 and On-site	
Member	\$250	\$300	\$ _____
Non-Member	\$340	\$380	\$ _____
Student*	\$120	\$150	\$ _____

*Proof of student status is required.

Registrations received after 9/13 will be processed on-site.

Banquet

Do you plan to attend the banquet dinner on Monday, September 23?

Yes No

Special Services

Please check here if you require special accommodations to fully participate. Attach a written description.

Payment Information

TOTAL ENCLOSED \$ _____

Check or credit card information must be received with registration form. Please either fax OR mail registration form. Do not fax AND mail registration form! Thank you.

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For Membership Information – Please visit the ACE Web site at www.acepidemiology.org.

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