

**Appendix A**

Consumer Healthcare Products Association

**Appendix A**

Epidemiology Expert Panel Meeting Report  
Review of Yale Hemorrhagic Stroke Project  
April 19, 2000

Curricula Vitae of Panel Members

Philip Gorelick, MD, MPH., FACP, Professor of Neurological Sciences, Rush  
Medical College

Lewis Kuller, MD, DrPH, MPH, Chairman, Department of Epidemiology,  
University of Pittsburgh School of Health

Robert Wallace, MD, Chairman of Preventive Medicine, University of Iowa

Noel Weiss, MD, DrPH. (Panel Chair) Chairman of Epidemiology, University of  
Washington-Seattle

Epidemiology Expert Panel Meeting Report  
**Review of Yale Hemorrhagic Stroke Project**

**OVERVIEW:**

The Consumer Healthcare Products Association (CHPA) requested that a panel of epidemiologic experts meet to give their opinion on the results of an epidemiology study, The Hemorrhagic Stroke Project (HSP), conducted to determine the relative risk of having a hemorrhagic stroke event coincident with taking phenylpropanolamine either as a cough/cold medication or as an appetite suppressant. CHPA is the trade association that represents the nonprescription drug industry. This panel was convened under the express condition that it would be independent from CHPA and the pharmaceutical industry and be free to express its opinions and conclusions.

The members of the panel represented expertise in the design and conduct of case-control studies involving cardio- and cerebro-vascular diseases, neurology and cardiology. The panel consisted of:

Dr. Philip Goerelick, MD, MPH, FACP (Rush Medical College)  
Dr. Lewis Kuller, MD, DrPh, MPH (University of Pittsburgh)  
Dr. Robert Wallace, M.D. (University of Iowa)  
Dr. Noel Weiss, M.D., Dr. P.H. (University of Washington, Chair of Panel)

Prior to attending the panel discussion, we were provided with comprehensive materials related to the design, conduct, analysis and interpretation of the HSP. These materials included the protocol, interview manual, interim data reports, draft HSP study report, case summaries, and the appendix to the letter sent by CHPA to the investigators in response to their request to industry for comment on the draft report. Also provided was the "Points-to-Consider" document prepared by CHPA epidemiologic and statistical consultants.

Our objective was to discuss the results of the HSP and to present an objective report on our interpretation of the results from this study. It should be noted that the CHPA sponsored the panel in the interest of providing independent expert advice to the manufacturers and distributors of phenylpropanolamine (PPA) containing products.

Although not every member of the panel was in full agreement on every issue, the deliberations are summarized in the attached Appendix. Overall, based on the analyses of the data that were available to us, we did agree that:

- This study had several methodological issues that could have confounded the results.
- Hemorrhagic stroke was a rare event among users of PPA.

- The results of this study, by themselves, are not sufficiently compelling to drive a public health decision regarding reported PPA use and the subsequent development of hemorrhagic stroke.

### **PANEL DELIBERATIONS:**

The following seven questions related to the design, conduct, analysis and interpretation of the study were the focus of the panel deliberations:

1. What is the likelihood that uncontrolled or uncontrollable confounding is a plausible explanation for the study findings?
2. What is the likelihood that uncontrolled or uncontrollable bias is a plausible explanation for the study findings?
3. What is the likelihood of the study findings being affected by information bias?
4. What is the likelihood that chance is a plausible explanation for the study findings?
5. Were the analyses conducted appropriately?
6. Does the study demonstrate a valid statistical association between PPA and hemorrhagic stroke?
7. Are there other aspects that require consideration in evaluating the study report?

(The Appendix provides detailed comments relative to these questions.)

### **DISCUSSION:**

We recognize the difficulty and complexity in carrying out studies of this type and agree that the investigators used best efforts in the conduct of the study. Nonetheless, numerous methodological issues and concerns limit the interpretability of the study. Of concern to us were the marked differences in characteristics between cases and controls. The fact that the small number of exposed cases limited the ability to statistically control for these variables in this study greatly increased the possibility that chance, bias and confounding remain plausible alternative explanations for any apparent association between PPA use and hemorrhagic stroke.

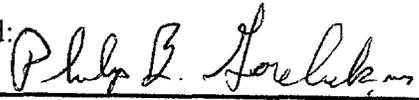
Importantly, the findings demonstrate that, even if real, the population risk associated with the use of PPA and hemorrhagic stroke would be exceedingly small. One might even question the clinical implications of such relative risk values even if they were from a randomized, prospective study. We all agree that the small number of cases precluded adequate controlling in the statistical analysis for known confounding factors. We also have concern that since the overall finding for the primary hypothesis in the study- any PPA exposure- was null, selective emphasis on particular subgroups with smaller numbers might well be misleading

While one cannot eliminate the possibility that the HSP provides a signal, as a stand-alone study, these data are not sufficiently informative to draw any definitive conclusions. It is quite possible that all of the effect could be attributed to confounding and selective emphasis on particular subgroups. Therefore, any presentation of the results should include a detailed discussion of the possible role of confounding, bias, and chance as plausible alternative explanations of the findings.

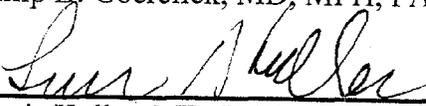
### CONCLUSIONS:

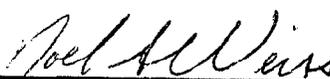
We emphasize that this study represents a significant undertaking and the investigators made strong efforts to control for many variables. Importantly, there were very few cases of hemorrhagic stroke in PPA users. The small number of cases in conjunction with the large number of potential confounders makes a robust statistical analysis impossible to accomplish. A single, case-control study with results of this type, can, at best, provide a signal of an association. Nonetheless, an alternative conclusion of no association is plausible as well. Although this panel is not qualified to render a public health decision, given that we have not reviewed the entire safety database on PPA, we believe that this study, by itself, does not suggest that use of PPA is creating an imminent public health concern. It could at best be used as only supportive evidence if there are other scientifically valid confirmatory data available. In addition to the ambiguous epidemiological data relating PPA and hemorrhagic stroke, the HSP report offered no plausible pharmacological mechanism that might underlie a causal relationship. We remain interested in assisting the investigators, sponsors, or FDA with the review and interpretation of this study, if requested.

Signed:

  
Philip B. Goerelick, MD, MPH, FACP

  
Robert Wallace, M.D.

  
Lewis Kuller, MD, DrPh, MPH

  
Noel Weiss, M.D., Dr. P.H.  
(Chairman)

Attachment

## APPENDIX I:

Some points to consider relative to the study design, execution and interpretation are summarized below:

### I. Rationale for HSP

#### A. Signal Strength for hypothesis generation

1. The anecdotal case reports that preceded the design of the study should not have biased the design or execution of the study. The decision to use one-sided confidence intervals based on an expectation of risk was not warranted.

### II. Methodology Issues

#### A. Identification of cases and matched controls

1. Cases were enrolled from hospital networks including tertiary care centers, whereas controls were selected by random digit dialing (RDD), which might account for several observed differences between the two populations, including PPA exposure and socio-economic status (SES).

2. The general method of case surveillance employed was reasonable. However, there were a significant number of strokes that could not be studied because of morbidity and mortality.

#### B. Participation Rates

1. Large differences exist in participation rates between cases and controls. This is a potential bias that was not accounted for in any way in the study report.

2. A large number of potential cases died or for other reasons could not participate. Only 61% of the identified case population were considered eligible and, of these, only 77% were actually enrolled.

3. Control response rate of 30% raises questions about validity and may produce more disparity between cases and controls. A question is whether the RDD procedure was flawed, as 150 needed to be called to get one control (normally expect 25 per enrolled control).

### C. Comparability of Cases and Controls

1. RDD matching of controls was ineffective in controlling for SES.
2. Cases differed from controls in race, SES, caffeine exposure, history of hypertension, family history, as well as alcohol, nicotine and caffeine consumption. Inadequate or inappropriate control for these confounders could easily explain any positive association with PPA use. It needs to be emphasized that the small number of cases simply does not allow for appropriately controlling for these variables.
3. SES differences may explain differences in who gets the disease as well as who uses certain products. Particular concern was raised with respect to educational differences that might result in residual confounding sufficient to invalidate the analysis. In other words, we question whether this was truly a population based study.
4. There is some question regarding the geographical diversity of the cases. It would be helpful if the location of the cases by site be identified in the final report to determine if there was heterogeneity by site.
5. Controlling for body mass index (BMI) differences was not adequately addressed in the statistical analysis. While BMI appears to be similar between cases and controls, there may be larger differences in patients with aneurysms and intracerebral bleeds.
6. Heterogeneity in cases may make interpretation more difficult as the risk factors for aneurysm may be different between arterio-venous malformations and intracerebral hemorrhage.

### D. Recall Bias/Interview Quality

1. Exposure estimation by self-report is subject to limitations. Cases were asked about drug use immediately prior to a catastrophic event, whereas controls were asked about drug use prior to an arbitrarily chosen day some days beforehand. The fact that cases have had a catastrophic event may bias them towards a greater awareness of previous product use. Controls not only did not have such an event to trigger their recollection, but they also appear to have had different recall periods.
2. Compared to the hospital cases, the non-hospital setting in which controls were interviewed may have influenced their response.

3. A large number of cases (44%) demonstrated some degree of aphasia, possibly limiting their validity and reliability. It appears that the differences in interview quality between the cases and controls could have been substantial. There is also some question regarding the number and quality of assisted interviews. It would be useful to perform an analysis including only subjects who the interviewer considered reliable.

#### E. Misclassification

1. Because of the small number of PPA users, even a modest degree of misclassification of product use by cases or controls could dramatically alter the findings.

2. The existence of numerous branded and generic products containing PPA could lead to confusion. Furthermore, many of the branded products, while carrying the same trade name, may or may not contain PPA. We all agree that the investigators appeared to have done their best to avoid this confusion; but nevertheless errors could have occurred.

#### F. Stroke Subtypes

1. Arterio-venous malformations (AVMs) and pressure-related cerebrovascular anomalies are different diseases. Combining them in the analyses may over emphasize a risk.

2. AVMs and intracerebral bleeds should be analyzed separately.

3. 2/3 subarachnoid hemorrhage (SAH) vs. 1/3 intraparenchymal hemorrhage (IPH) distribution in the cases is opposite to the case report experience or the SAH/IPH distribution in the general population (18-49 age group) from various health databases. This finding is difficult to interpret and again brings up the issue of this study being truly population based.

4. Three out of the six appetite suppressant cases had underlying aneurysms. This was not adequately addressed in the study report.

5. Six of eight cases in the "first use" analysis represented subarachnoid hemorrhage leaving only two cases classified as intracerebral. Two cases are truly insufficient to address an effect of PPA in this condition.

## G. Prodromal Symptoms

1. Headache should be examined as a potential confounder since all subarachnoid cases were preceded by a headache, whereas controls had no prior headache. It is possible that headache could have contributed to the use of PPA-containing products.
2. Exclusion of cases with sentinel symptoms and alternate index dates changes the outcome events from 8 vs. 6 to 5 vs. 4. The study report should thoroughly discuss the association between sentinel symptoms and product use.
3. Seasonality of cases should be examined as cold/allergy symptoms and associated coughing could be an independent risk factor.

## H. Other Drug Use

1. Self-reported cocaine use may be underestimated. Multiple drug use should be examined. Excessive alcohol and illicit drug use are likely to occur concomitantly and to be associated with lower SES and less geographical diversity. As such, geographical representation of cases should be further explored with respect to alcohol and illicit drug use.
2. Caffeine was significantly more prevalent among cases but not controlled for in the analysis.
3. Controls are more likely to use NSAIDs and other non-PPA stimulants than cases. Little consideration has been paid to additional ingredients in cold/allergy products as well as concomitant use of other products. A discussion of the possible role of other drugs in either a protective or detrimental role should be discussed (eg., NSAID effects on coagulation).
4. A higher proportion of controls took PPA-containing products during the 3- to 14-day period than cases.
5. All other drug use during the one-day window should be evaluated.

## III. Statistical Data Handling

### A. Unusual findings with respect to adjusting for confounders

1. In several analyses, the strength of association between PPA and stroke increases when confounders are controlled for. One would expect just the opposite.

B. Residual confounding

1. Confounders could not be adequately controlled for in the analysis because of the small numbers.
2. Chi-squared analyses should be presented by level of confounder to provide a statistically appropriate indicator of the level of such adjustments.

C. Exact rather than asymptotic methods of analysis would have been appropriate.

1. Numbers are too small for asymptotic methods to be used for appetite suppressants.
2. Asymptotic methods were used to analyze data when appropriate methods failed to yield interpretable results.

D. One-sided confidence intervals are not appropriate.

E. The possibility of confounding being responsible for the observed association cannot be eliminated.

F. Association is only observed in subgroup analyses. It is misleading to overemphasize the extremes, particularly when they are inconsistent. For example, the "matched" odds ratio of 3.14 for the "first use" subgroup analysis (based on only eight cases and five controls) involved use of PPA for cough/cold only (and had a two-sided p-value of  $2 \times 0.029 = 0.06$ ). By contrast the "any use" subgroup analysis found no consistent association with use of cough/cold PPA (odds ratio 1.23,  $1p = 0.245$ ), and the apparently extreme ratio of 15.96 was for appetite suppressants, based on 6 cases vs. 1 control.

G. Emphasis on subgroups by time may similarly be misleading. "Current use" on index or prior day (21 cases vs. 21 controls) had a matched odds ratio of 1.61 ( $1p = .078$ ;  $2p = 0.16$ ), use on day 2 or 3 had an estimated odds ratio of 1.0 (6 cases vs. 12 controls), and use on days 4 to 14 had a crude odds ratio of 0.67 (11 cases vs. 33 controls). These numbers and matched odds ratios should be given explicitly in the tables (not just available by subtraction and footnotes) and are compatible with differential recall.

#### IV. Interpretation

- A. Overall risks are not significantly elevated. Increased risks are only observed in subset analyses that are limited by small numbers, and not clearly significant when allowance is made for multiple comparisons.
  - 1. The apparent finding that PPA use is protective if not taken within the one-day window is confusing.
  - 2. It is noteworthy that all first-use cases were in cold/allergy products despite higher odds ratio for appetite suppressants.
  - 3. Potential for prodromal symptoms to lead to use of cough-cold/allergy products.
  - 4. Seven of eight "first-use" (cough cold) and five of six appetite suppressant cases were non-black females. Generalization to men or black women might, therefore, be inappropriate.
- B. No consistent pattern of use, timing of exposure, or type of product use provides insight into a possible biological mechanism. More emphasis should be placed on physiology and metabolism of the drug in the final report.
- C. Data regarding appetite suppressants is difficult to evaluate based on small sample size and lack of biological plausibility.
- D. It is unlikely that a transient rise in blood pressure associated with PPA use explains the association seen in the HSP. However, alterations in the vasculature might be expected with chronic alterations in blood pressure.
- E. One-sided tests are not appropriate, given the hypothesis being tested. In fact, the one previous analytic study reported a  $RR=0.59$ .
- F. Lack of consistency in findings and unusual pattern of the data limits interpretability. Nonetheless, the study demonstrates that the population risk of a hemorrhagic event is extremely low.

#### V. Further Analyses

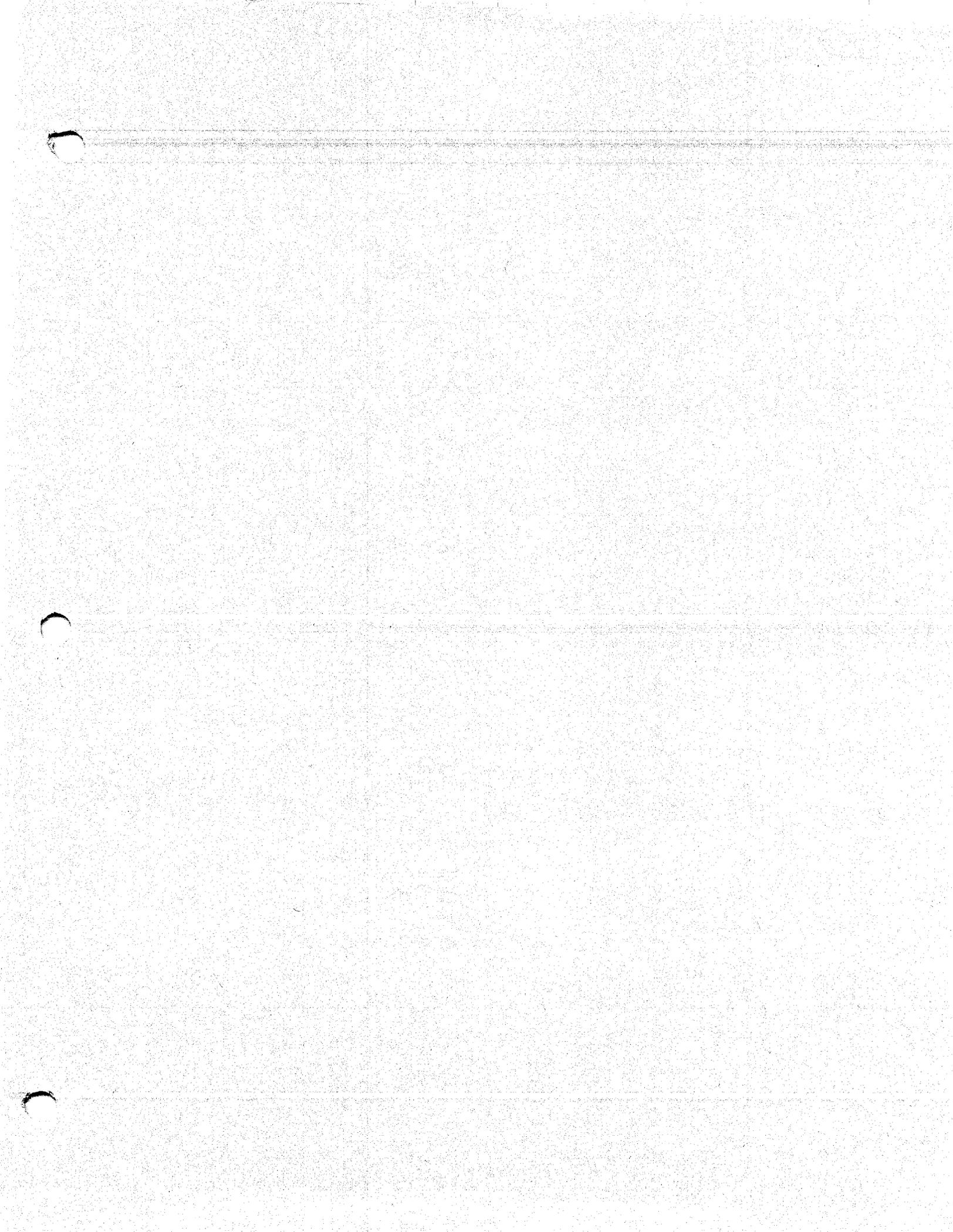
- A. Analysis should be restricted to populations in which data are available.
  - 1. Analysis should be repeated restricting inclusion to white women, as African Americans and men contribute no meaningful data to the overall analysis.

2. Analysis should be restricted to SAH, as there were no cases of intracerebral hemorrhage (ICH), which may be related to high fatality rate of ICH.

B. Stratification based on potential confounders

1. Stratify based on history of prior headache. (Not regression analysis because of small number of cases.)

2. Stratify by heavy versus light caffeine consumption.



**Curriculum Vitae**

**Philip B. Gorelick, MD MPH FACP**  
6540 Kolmar  
Lincolnwood, Illinois 60646

**(847) 677-5897 (Home)**  
**(312) 432-5200 (Work)**

## CURRICULUM VITAE

Philip B. Gorelick, MD MPH

Marital Status: Married, 2 children

Born: Chicago, Illinois  
January 7, 1952

Citizenship: U.S.A.

High School: Evanston Township High School  
Evanston, Illinois

Undergraduate Education:

1970 - 1972 Indiana University  
Bloomington, Indiana

1972 - 1974 Loyola University  
Chicago, Illinois  
Bachelor of Science  
Magna Cum Laude with Honors (Biology)

Basic Science Research:

August 1973 - June 1974 Bile Salt Conjugation Studies  
Rush-Presbyterian-St. Luke's Hospital  
Chicago, Illinois  
(Under the direction of William G.M.  
Hardison, M.D., Chief, Section of  
Gastroenterology)

Medical School:

1974 - 1977 Loyola University  
Stritch School of Medicine  
Maywood, Illinois

Internship:

1977 - 1978 Internal Medicine  
University of Illinois at the Medical Center,  
Chicago, Illinois  
(Ruy V. Lourenco, M.D., Chairman)

Residency Training:

1978 - 1981                      Neurology  
Loyola University  
Stritch School of Medicine and  
Hines Veterans Administration  
Maywood, Illinois  
(Joel Brumlik, M.D., PhD, Chairman,  
Frank A. Rubino, M.D., Associate Chairman)

Fellowship Training:

July 1981 - June 1982              Stroke Fellowship  
Michael Reese Hospital and  
Medical Center, Chicago, Illinois  
(Under the direction of Louis R. Caplan, M.D.  
and Daniel B. Hier, M.D.)

Graduate School:

1986 - 1988                      Master of Public Health  
(Epidemiology/Biometry)  
School of Public Health  
University of Illinois at Chicago

Board Certification:

November 1982                      Neurology

Licensed:                      State of Illinois #36-56869

Societies, Fellowships and  
Associations:

1970 - 1972                      Phi Eta Sigma Scholastic Fraternity  
Indiana University

1972 - 1974                      Tri Beta Biological Society  
Loyola University

1972 - 1974                      Phi Sigma Tau Philosophical Society  
Loyola University

1979 -                              American Academy of Neurology

1978 -                              American Medical Association

1978 -                              Illinois State Medical Society

1978 -	Chicago Medical Society
1982 -	Chicago/American Heart Association
1982 - 1993	Behavioral Neurology Society (Associate Member)
1982 - 1983	Cerebrovascular Council, Chicago Heart Association
1983 -	Fellowship, American Heart Association (Stroke Council)
1984 - 1986	Prevention Committee, Chicago Heart Association
1985 - 1995	American Association for the History of Medicine
1985 - 1991	New York Academy of Sciences
1985 - 1991	American Association for the Advancement of Science
1985 - 1991	Chicago Geriatrics Society
1986 -	Fellow, American Academy of Neurology
1987 -	Member, Epidemiology Council, American Heart Association
1988 -	Fellowship, Epidemiology Council, American Heart Association
1988 -	Member, American Public Health Association
1989 - 1991	Secretary, Section on Neuroepidemiology, American Academy of Neurology
1989 - 1994	Member, Geriatrics Section, American Academy of Neurology
1989 - 1994	Member, Neurorehabilitation Section, American Academy of Neurology
1989 - 1992	Clinical Practice Committee Geriatrics Section American Academy of Neurology
1989 -	Member, National Stroke Association
1989 - 1991	Gerontological Society of America
1990 -	Fellowship, American Neurological Association

1991 - Fellowship, American College of Physicians

1991 - 1993 President, Section on Neuroepidemiology, American Academy of Neurology

1992 Counsellor, Chicago Neurological Society

1993 - Member, Therapeutics and Technology Assessment Subcommittee, American Academy of Neurology

1994 - Member, Section on Cerebrovascular Disease, American Academy of Neurology

1996 - Member, American Neuropsychiatric Association

1996 - 1997 Member, American Society of Neuroimaging

1997 - 1999 Chair, Section on Stroke and Vascular Neurology, American Academy Of Neurology

1998 - Chair, Stroke Prevention Advisory Board, National Stroke Association

1998 - Executive Committee Member, WFN Research Group on Organization and Delivery of Neurologic Services

Academic Rank:

1977 - 1978 Clinical Instructor  
Department of Medicine  
University of Illinois  
College of Medicine

1982 - 1984 Assistant Professor of Neurology  
University of Illinois  
College of Medicine

1984 Assistant Professor of Neurology in  
Medicine  
University of Illinois  
College of Medicine

1985 - 1987 Assistant Professor of Neurology  
University of Chicago  
Pritzker School of Medicine

1988 - 1990 Associate Professor of Neurology  
University of Chicago  
Pritzker School of Medicine

1989 - Associate Professor of Epidemiology  
and Biometry  
School of Public Health  
University of Illinois at Chicago

1990 Associate Professor of Neurology  
University of Illinois  
College of Medicine

1991 Associate Professor of Neurological Sciences  
Rush Medical College

1992 - Professor of Neurological Sciences  
Rush Medical College

Departmental and Medical  
School Activities:

1982 - 1984 Student Advisor Program  
Abraham Lincoln School of Medicine

Interview Committee  
Abraham Lincoln School of Medicine  
Attending Physician  
University of Illinois Hospital  
Consulting Physician  
West Side Veteran's Administration  
Hospital

Moderator, Cerebrovascular Conference  
Departments of Neurology and Neurosurgery,  
University of Illinois Hospital

1983 - 1984 Coordinator, Community Stroke Action  
Program  
University of Illinois Hospital

Editor, Community Stroke Action  
Program Newsletter

Attending Physician  
Stroke Clinic  
University of Illinois Hospital

1982 - 1984 Coordinator  
University of Illinois and Westside  
Veterans' Administration Stroke Registry

1984 Coordinator, Residency Recruitment  
Department of Neurology  
University of Illinois  
College of Medicine

1983 - 1984 Standing Review Committee (Neurology),  
Institutional Review Board  
University of Illinois  
College of Medicine

1983 Ad Hoc reviewer, grant-in-aid  
applications  
Chicago Heart Association

1983 - 1984 Preceptor, Phase II Clerkship in Stroke

1984 Ad Hoc reviewer, Biomedical Research  
Grants

University of Illinois  
College of Medicine  
Director, Stroke Unit  
University of Illinois  
College of Medicine

1984	Committee on Quality Assurance University of Illinois Hospital
1985	Associate Attending Physician Neurology Michael Reese Hospital
1985 - 1991	Director, Stroke Service Michael Reese Hospital
1986 - 1991	Attending Physician Neurology Michael Reese Hospital
1985	Consulting Physician Michael Reese Health Plan
1985 - 1986	Councillor, Chicago Neurological Society
1985	Chairman, Planning Group for Stroke, Chicago Heart Association
1986 - 1989	Director, Committee on Quality Assurance, Department of Neurology Michael Reese Hospital
1986	Coordinator, Neurology Section, W.G. Krumrich Occupational Medicine Study
1986 - 1990	Geriatrics Committee, Michael Reese Hospital
1987 - 1989	Utilization Review Committee Michael Reese Hospital
1988 - 1990	Director, Neurepidemiology Service Michael Reese Hospital
1988 - 1990	Research Committee Michael Reese Hospital
1989	Associate Director Alzheimer's Center Michael Reese Hospital
1989 - 1990	Director Alzheimer's Center Michael Reese Hospital
1989 - 1990	Associate Attending Member

Department of Medicine  
Michael Reese Hospital

1989 - 1990

Physician Advisor  
Celtic Insurance

1990

Pharmacy, Therapeutics and Antibiotic  
Committee of the Medical Board  
Michael Reese Hospital

1990

Institutional Review Board  
Michael Reese Hospital

1991

Associate Attending Physician  
Rush Medical Center

1992 - 1994

Quality Assurance Committee  
Rush Department of Neurological Sciences

1992 - 1995

Advisory Committee  
Rush Department of Neurological Sciences

1993

Ad-Hoc Reviewer, Research Applications  
American Heart Association of Michigan

1994 - 1995

Practice Committee, Rush Department  
of Neurological Sciences

1996

Review Committee, Research Applications  
American Heart Association

Special Awards:

1984

Raymond B. Allen Instructorship Award  
(Golden Apple) (presented by the  
University of Illinois Medical School  
Graduating Class of 1984 for  
Outstanding Clinical Teaching)

1985

Alpha Omega Alpha Faculty Member of  
the Year, Alpha Chapter  
University of Illinois  
College of Medicine

1989

Richard Langendorf Teaching Award  
Department of Medicine  
Michael Reese Hospital

1989

Delta Omega Society (Lambda Chapter)  
National Honorary Public Health Fraternity

1996

Good Housekeeping Citation for One of the Nation's Top  
Stroke Physicians

Grant Applications and Funding:

1984	American Heart Association Student Scholarship in Stroke Fund  "Case-Control Study of Alcohol Consumption Prior to Stroke" \$1,500.00 Principal Investigator
1984	Campus Research Board (University of Illinois) "Use of Mannitol in Acute Ischemic Stroke" \$10,800.00 Principal Investigator
1985	American Heart Association Student Scholarship in Stroke Fund "Race and Asymptomatic Occlusive Cerebrovascular Disease" \$1,500.00 Principal Investigator
1985 - 1987	National Stroke Data Bank Project NIH Contract #N01-NS-2-2399 Assistant Investigator Annual salary: \$7,000.00
1987 - 1990	National Institute on Aging "Neuroepidemiology of Multi-Infarct Dementia" Clinical Investigator Award K08AG00350-01A1 \$146,692.00 Principal Investigator
1987 - 1989	Public Health Service Subcontract Agreement No. AG06777-01 Alzheimer Disease Patient Registry \$90,000.00 Principal Investigator
1986 - 1987	"Use of Nimodipine in Acute Ischemic Stroke" \$71,000.00 Principal Investigator Sponsor: G.H. Besselaar Company
1987 - 1989	Biomedical Research Support Grant Program Division of Research Resources, NIH BRSG S07 RR 05476 "Multi-Infarct Dementia" \$23,000.00 Principal Investigator
1988 - 1989	"Clinical Investigation of TC-99M SQ 32097 As An Aid in the Evaluation of Stroke" \$59,000.00

	Principal Investigator Sponsor: Squibb Diagnostics
1989 - 1991	MR Bauer Foundation \$45,000.00 Grant to support nurse coordinator for dementia research
1989 - 1990	Metropolitan Heart Association of Chicago "Neuroepidemiology of Multi-Infarct Dementia: CT Analysis" \$9,499.05
1989	Principal Investigator Mediphysics Company Use of SPECT Imaging in the Diagnosis of MID \$20,000.00 Principal Investigator
1991 - 1996	NINDS Randomized Clinical Trial of ORG 10172 in Patients With Acute or Progressing Progressing Cerebral Infarction \$294,329.00 Subcontract Agreement (Harold Adams, MD, PI, University of Iowa)
1991 - 1996	Studies of Dementia in the Black Aged: AD and MID \$2.3 million PI Sponsor: NIA
1990 - 1994	Efficacy of Controlled-Release Oral Physostigmine in Alzheimer's Disease \$45,000.00/year PI Sponsor: Forest Laboratories
1991 - 1993	Use of Trental in the Treatment of MID \$96,000.00 PI Sponsor: Hoechst-Roussel Pharmaceuticals
1992	Research Supplement for Underrepresented Minorities Studies of Dementia in the Black Aged \$2,000.00 PI Sponsor: NIA
1993 - 1996	Clopidogrel vs. Aspirin in Prevention of

Recurrent Ischemia  
\$30,000/year  
PI  
Sponsor: Sterling Winthrop Pharmaceuticals

1995 - 2000 African American Antiplatelet Stroke  
Prevention Study  
\$10.8 million  
PI  
Sponsor: NINDS

1994 - 1996 Research Supplement for Underrepresented  
Minorities  
Studies of Dementia in the Black Aged  
\$50,000/year  
PI  
Sponsor: NIA

1995 - 1997 Eloprodil in Acute Ischemic Stroke (LES01)  
\$120,000/yr  
PI  
Sponsor: Lorex Pharmaceuticals

1996 - 1999 Studies of Dementia in the Black Aged: AD and VaD  
\$1.16 million  
PI  
Sponsor: NIA

Research Supervision:

1984 John Costigan  
University of Illinois  
College of Medicine  
American Heart Association Student  
Scholarship in Stroke Awardee

1984 Isabel Gomez  
Independent Study Program  
University of Illinois  
College of Medicine

1985 Jesse E. Taber  
University of Illinois  
College of Medicine  
American Heart Association Student  
Scholarship in Stroke Awardee

1985 Kathy Bronstein, RN, PhD  
University of Illinois  
College of Nursing  
Doctoral Dissertation Committee

1986 Kristyn Porter, BA

	Wilkes-Barre College Summer Student Research Fellowship Michael Reese Hospital
1987	Ann Bulmer Ripon College Summer Student Research Fellowship Michael Reese Hospital
1988 - 1989	Nancy Petry Randolph Macon Women's College Summer Student Research Fellowship Michael Reese Hospital
1989	Judith Popovich, RN, MSN Content Expert, Doctoral Dissertation
1990 - 1991	Julie Dunn, MS University of Illinois School of Public Health Doctorial Dissertation Committee
1992	Parrish Harris NIA Underrepresented Minorities Program
1993	Robyn Whitehead NIA Underrepresented Minorities Program
1993 - 1996	Gloria Bonner, RN, MS Doctorial Dissertation Committee
1996	Barbara Burnett, BA Jane Addams School of Social Work Master's Program Research Supervision

NIH Site Visits/Reviews:

1990	Mayo Clinic Cerebrovascular Center
1990	University of Maryland Cerebrovascular Center
1991	Southeastern Consortium on Racial Differences in Stroke
1991	University of Maryland Cerebrovascular Center
1992	Mayo Clinic Neuroepidemiology Center
1992	Southeastern Consortium on Racial Differences in Stroke
1993	Epidemiology of Dementia (Columbia University)
1993	Rochester Alzheimer's Disease Center Core Grant
1994	Cardiac Autonomic Consequences of Hemisphere

	Stroke (Johns Hopkins), Chairperson
1994	SECORDS
1995	Mayo Cerebrovascular Center
1996	Factor's Influencing Recovery After Stroke (Wozniak R01)
1998	Pilot Study of TNK-TPA in Acute Ischemic Stroke

NIH Consensus Conferences:

1990	Consensus Development Conference on Clinical Use of Botulinum Toxin
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Other NIH Invitations:

1991	Invited Speaker and Rapporteur NINDS/AIREN International Workshop on Vascular Dementia
1991	Invited Participant NINDS Vascular Dementia Treatment Workshop
1991	Reviewer and Discussant for IRG EDC-2
1991	Invited speaker NINDS-sponsored "International Course on Neuroepidemiology," Buenos Aires, Argentina, and V Pan American Congress of Neurology, Montevideo, Uruguay
1992	Reviewer and Discussant Minority Initiative Grants
1992, 1994	Reviewer and Discussant IRG EDC-1 or 2
1993	Invited Speaker NINDS Research Seminar: Epidemiology of Stroke Among African Americans
1996	Participant NIA Minority Health Promotion Conference
1998	Invited Speaker NIA Workshop on Alzheimer's Disease

Fellows Trained:

1985 - 1987	Michael Swiontoniowski, MD
1989 - 1990	Carlos Mangone, MD
1990 - 1991	Fernando Bózzola, MD
1991 - 1992	Dan Mirza, MD
1992 - 1993	Joan Murray, MD
1993 - 1994	Jeff Curtin, DO

1994 - 1995	Vijay Shanmugam, MD Aurora K. Pajaeu, MD, MPH
1995 - 1996	Wilma Agnello, MD Greg Gardziola, DO
1996 - 1997	Greg Gardziola, DO Steven Dick, MD
1997 - 1998	Timothy Lukovits, MD

Graduate Level Teaching Experience:

1989, 1991, 1994	Chief Instructor HA440A (Epid 514) Epidemiology of Neurologic Disease School of Public Health University of Illinois
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American Board of Psychiatry  
and Neurology:

Examiner 11/94, 1/95, 5/95, 5/97

Editorships

1990 - 1994	Journal of Neuroepidemiology (Regional Editor)
1993 - 1996	Journal of Neuroepidemiology (Deputy Editor)
1991 -	Revista Neurologica Argentina (International Advisory Board)
1992 -	Clinical Neuropharmacology (Section Editor, Cerebrovascular Disease)
1995 -	The Journal of Mental Health and Aging (Associate Editor)
1997 -	Journal of Neuroepidemiology (Editor-in-Chief)
1997 -	Neurology (Editorial Board)
1997 -	Cerebrovascular Disease (Editorial Advisory Board)

Manuscript Reviewer:

1987, 1989, 1992-1997	Journal American Medical Association
1987 - 1996	Stroke

1988	Archives of Ophthalmology
1988 - 1997	Neurology
1989	Annals of Neurology
1990 - 1997	Journal of Neuroepidemiology
1990	Patient Care
1991 - 1997	Clinical Neuropharmacology
1992	ACP Journal Club
1992	Cephalalgia
1993, 1995, 1996	Journal of Clinical Epidemiology
1993 - 1995, 1998	Archives of Neurology
1994, 1995, 1997	Annals of Internal Medicine (rated in top 30% of reviews)
1995	Journal Neurology
1996	Southern Medical Journal

Publications:

Journal Articles

1. Gorelick PB, Rosenberg M, Pagano J: Enhanced ptosis in myasthenia gravis. Arch Neurol 1981; 38:531.
2. Gorelick PB, Masdeu JC: Trigeminal neuralgia, use of CT to uncover underlying brain tumor. Illinois Medical Journal 1981; 160:225-227.
3. Masdeu J, Chokroverty S, Gorelick PB: Absence of REM sleep in patients with spinocerebellar degeneration and slow saccades. Ann Neurol 1981; 9:95-96.
4. Gorelick PB, Biller J, Brumlik J: Fisher's syndrome: A clinical review with three case reports. Illinois Medical Journal 1982; 161:269-271.
5. Masdeu JC, Tantulavanich S, Gorelick PB, Maliwan N, Heredia S, Rubino FA, Ross E, Mamdani M: Brain abscess caused by strongyloides stercoralis. Arch Neurol 1982; 39:62-63.
6. Palacios E, Gorelick PB, Gonzalez CF, Fine M: Malignant lymphoma of the nervous system. Journal of Computer Assisted Tomography 1982; 6:689-701.
7. Caplan LR, Gorelick PB: "Salt and pepper on the face: Pain in acute brainstem ischemia". Ann Neurol 1983; 13:130.
8. Gorelick PB, Caplan LR, Hier DB, Parker SL, Patel D: Racial differences in the distribution of occlusive cerebrovascular disease. Neurology 1984; 34:54-59.
9. Fisher M, Gorelick PB: Entrapment neuropathies. Postgraduate Medicine 1985; 77:160-174.

10. Caplan LR, Neely S, Gorelick PB: Cold related intracerebral hemorrhage. Arch Neurol 1984; 41:227.
11. Gorelick PB, Hier DB, Levitt S, Benevento L, Tan W: Aphasia after left thalamic infarction. Arch Neurol 1984; 41:1296-1298.
12. Gorelick PB, Caplan LR: Calcium, hypercalcemia and stroke. Current Concepts in Cerebrovascular Disease. 1985; 20:13-17.
13. Gorelick PB, Rusinowitz M, Tiku M, McDonald L, Robbins L: Embolic stroke complicating SLE. Arch Neurol 42; 1985:813-815.
14. Gorelick PB, Caplan LR, Hier DB, et al. Racial differences in the distribution of posterior circulation occlusive disease. Stroke 1985; 16:785-790.
15. Pimental P, Gorelick PB: Resolution of speech and language deficits following metrizamide myelography. Acta Neurol Scand 1985; 72:481-488.
16. Gorelick PB, Greenberg MS, Munson R: Hypersomnolence and cyclical weight gain. Hospital Practice 1985; 20:114-118.
17. Gorelick PB, Biller J: Lumbar puncture. Review of technique, indications, and complications. Postgraduate Medicine 1986; 79:257-268.
18. Gorelick PB, Hier DB, Caplan LR, Langenberg P: Headache in acute cerebrovascular disease. Neurology 36; 1986:1445-1450.
19. Gorelick PB: Alcohol and stroke. Current Concepts in Cerebrovascular Disease 1986; 21:21-25. Also appearing in Stroke 1987; 18:268-271.
20. Gorelick PB, Ross E: The aprosodias. Further functional anatomic evidence for the organization of affective language in the right hemisphere. J Neurol Neurosurg Psychiatry 1987; 50:553-560.
21. Caplan LR, Gorelick PB, Hier DB: Race, gender and occlusive cerebrovascular disease: A review. Stroke 1986; 17:648-655.
22. Gorelick PB, Zych D: James Leonard Corning and the early history of spinal puncture. Neurology 1987; 37:672-674.
23. Greenberg MS, Gorelick PB: Psychiatric patient with fever and rigidity. Hospital Practice 1986; 21:171-174.
24. Gorelick PB, Parikh M, McDonald L: Fatal cerebellar hemorrhage following streptokinase administration for acute myocardial infarction. Illinois Medical Journal 1987; 171:28-30.
25. Gorelick PB: Cerebrovascular disease: Pathophysiology and diagnosis. Nursing Clinics of North America 1986; 21:275-288.
26. Goodwin J, Gorelick PB, Helgason K: Clinical profile of amaurosis fugax. Neurology 1987; 37:829-832.
27. Gorelick PB: Asymptomatic carotid bruit: A practical approach to diagnosis and management. Postgraduate Medicine 1987; 81:109-116.
28. Gorelick PB, Sullivan M, Lansky L: Cerebral auscultation: Origin of a forgotten art. Neurology 1987; 37:1523-1524.

29. Gorelick PB, Rodin MR, Langenberg P, Hier DB, et al: Is acute alcohol ingestion a risk factor for ischemic stroke? *Stroke* 1987; 18:359-364.
30. Gorelick PB, Hier DB, Swiontoniowski S: Drug therapy for ischemic brain infarction. *Seminars in Neurology* 1987; 7:119-127.
31. Pessin MS, Gorelick PB, Kwan ES, Caplan LR: Basilar artery stenosis--middle and distal segments. *Neurology* 1987; 37:1742-1746.
32. Gorelick PB, Amico LA, Ganellen R, Benevento L: Transient global amnesia and thalamic infarction. *Neurology* 1988; 38:496-499.
33. Gorelick PB, Greenberg M: Pitfalls in the recognition of aneurysmal subarachnoid hemorrhage. *Hospital Practice* 1987 (August), pp 245-254.
34. Masdeu JC, Gorelick PB: Thalamic astasia. Inability to stand after unilateral thalamic lesions. *Ann Neurol* 1988; 23:596-603.
35. Gorelick PB, Caplan LR, Langenberg P, Hier DB, et al: Clinical and arteriographic comparison of asymptomatic occlusive cerebrovascular disease. *Neurology* 1988; 38:852-858.
36. Gorelick PB: Etiology and management of ischemic stroke. *Comprehensive Therapy* 1989; 15(3) 60-65.
37. Caplan LR, DeWitt D, Pessin MS, Gorelick PB, Adelman LS: Lateral thalamic infarcts. *Arch Neurol* 1988; 45:959-964.
38. Gorelick, PB, Rodin M, Langenberg P, Hier DB, Costigan J: Weekly alcohol consumption, cigarette smoking and the risk of ischemic stroke. *Neurology* 1989; 39:339-343.
39. Gorelick PB: Clues to the mystery of multiple sclerosis. *Postgraduate Medicine* 1989; 85:125-134.
40. Caplan LR, Schmahmann JD, Kase CS, Feldmann E, Baquis G, Greenberg JP, Gorelick PB, Helgason C, Hier DB: Caudate infarcts. *Arch Neurol* 1990; 47: 133-143.
41. Hier DB, Warach JD, Gorelick PB, Thomas J: Predictors of survival in clinically-diagnosed Alzheimer's disease and multi-infarct dementia. *Arch Neurol* 1989; 46:1213-1216.
42. Babikian VL, Kase CS, Pessin MS, Norrving B, Gorelick PB: Intracerebral hemorrhage in stroke patients anticoagulated with heparin. *Stroke* 1989; 20:1500-1503.
43. Gorelick PB: Treatment of ischemic stroke: Lessons from clinical trials. *Postgraduate Medicine* 1989; 86:107-118.
44. Gorelick PB: Status of alcohol as a risk factor for stroke (editorial) *Stroke* 1989; 20:1607-1610.
45. Gorelick PB: Carotid endarterectomy: A neurologist's perspective. *J Neurosurg Anesthesiology* 1990; 2:203-205.
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47. Gorelick PB: Stroke from alcohol and drug abuse: a current social peril. *Postgraduate Medicine* 1990; 88:171-178.
48. Hier DB, Foulkes MA, Swiontoniowski M, Sacco RL, Gorelick PB, Mohr JP, Price TR, Wolf PA: Stroke recurrence in patients with ischemic infarction. *Stroke* 1991; 22:155-161.
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51. Gorelick PB, Mangone CA: Vascular Dementias in the Elderly. *Clinics in Geriatric Medicine* 1991; 7(3):599-615.
52. Gorelick PB, Bozzola F: Alzheimer's disease: Clues to the cause. *Postgraduate Medicine* 1991; 89(4):231-240.
53. Gorelick PB, Biller J: Egas Moniz: Neurologist, statesman and nobel laureate. *J Lab Clin Med* 1991; 118(2):200-202.
54. Kittner S, Gorelick PB: Antiphospholipid antibodies: An epidemiological perspective. *Stroke* 1992; 23(2): 1-19 - 1-22.
55. Gorelick PB, Bozzola FG, Dollear W: An aspirin a day. *Chicago Medicine* 1991; 94(12):28-31.
56. Cohen D, Luchins D, Eisdorfer C, Paveza G, Ashford JW, Gorelick PB, Hirschman R, Freels S, Levy P, Semla T, Shaw H: Caring for relatives with Alzheimer's disease: The mental health risks to spouses, adult children, and other family caregivers. *Behavior, Health and Aging* 1990; 1(3):171-182.
57. Bozzola FG, Gorelick PB, Jensen JM: Epidemiology of intracranial hemorrhage. *Neuroimaging Clinics of North America* 1992; 2(1):1-10.
58. Gorelick PB, Haynes RB: Comment on clinically identifiable subtypes of cerebral infarction (Bamford et al). *ACP Journal Club* November 1991.
59. Gorelick PB, Roman G: Vascular dementia: In search of answers. *Neuroepidemiology* 1991; 10:225-227.
60. Mangone CA, Hier DB, Gorelick PB, Ganellen R, Langenberg P, Boarman R, Dollear W: Impaired insight in Alzheimer's disease. *J Geriatric Psychiatry and Neurology* (in press).
61. NIH Consensus Statement (Consensus Development Panelist): Clinical Use of Botulinum Toxin. *Arch Neurol* 1991; 48:1294-1298.
62. Eisdorfer C, Cohen D, Paveza G, Ashford W, Luchins D, Gorelick PB, Hirschman R, Freels S, Levy P, Semla T, Shaw H: An empirical evaluation of the global deterioration scale for staging Alzheimer's disease. *Am J Psychiatry* 1992; 149:190-194.
63. Gorelick PB: Degenerative diseases. *Chicago Medicine* 1991; 21:14-18.
64. Gorelick PB, Mangone CA, Fustinoni O: Vascular dementia: Past, Present and Future. *Revista Neurologica Argentina* 1992; 17:1-3.

65. Bozzola FG, Gorelick PB, Freels S: Personality changes in Alzheimer's disease. *Arch Neurol* 1992; 49:297-300.
66. Gorelick PB, Chatterjee A, Patel D, Flowerdew G, Dollear W, Taber J, Harris Y: Cranial computed tomographic observations in multi-infarct dementia. *Stroke* 1992; 23:804-811.
67. Dollear W, Gorelick PB, Harris Y, Miles T, Bozzola F: Vascular dementia: A clinical and death certificate study. *Neuroepidemiology* 1992; 11:53-58.
68. Mangone CA, Ganellen R, Hier DB, Gorelick PB, Warach J: Psychotic and behavioral symptoms in Alzheimer's disease. Neuropsychological correlations. *Rev Neurol Arg* 1991; 16:166-172.
69. Gorelick PB, Kelly MA: Alcohol as a risk factor for stroke. *Heart Disease and Stroke. A Journal for Primary Care Physicians* 1992; 1:255-258.
70. Paveza G, Cohen D, Eisdorfer C, Freels S, Semla T, Ashford W, Gorelick PB, et al: Severe family violence and Alzheimer's disease: Prevalence and risk factors. *Gerontologist* 1992; 32:493-497.
71. Luchins D, Hanrahan P, Cohen D, Eisdorfer C, Paveza G, Ashford W, Gorelick P, et al: Are there clinical differences between familial and nonfamilial Alzheimer's disease? *Am J Psychiatry* 1992; 149:1023-1027.
72. Kelly MA, Gorelick PB, Mirza D: The role of drugs in the etiology of stroke. *Clinical Neuropharmacology* 1992; 15:249-275.
73. Cohen D, Eisdorfer C, Gorelick PB, Paveza G, Ashford J, Luchins D, et al: Psychopathology associated with Alzheimer's disease and related disorders. *J of Gerontology: Medical Sciences* 1993;48(6):M255-60.
74. Semla TP, Cohen D, Paveza G, Eisdorfer C, Gorelick PB, et al: Drug use by patients with Alzheimer's disease and related disorders living in the community. *J Am Geriatric Soc* 1993; 41:408-413.
75. Freels S, Cohen D, Eisdorfer C, Paveza G, Gorelick PB, et al: Clinical findings and functional status in patients with Alzheimer's disease. *J of Gerontology: Medical Sciences* 1992; 47:M177-M182.
76. Cohen D, Eisdorfer C, Gorelick PB, et al: Sex differences in psychopathology accompanying Alzheimer's disease. *J Am Geriatric Soc* 1993; 41:229-232.
77. Report of the NINDS-AIREN International Work Group: Vascular dementia: Diagnostic criteria for research studies. *Neurology* 1993; 43:250-260.
78. Adams HP, Bendixen BH, Kapelle LJ... and the TOAST Investigators: Classification of subtype of acute ischemic stroke. Definitions for use in a multicenter clinical trial. *Stroke* 1993; 24:35-41.
79. Gorelick PB: Arterial head pain (editorial comment). *Cephalalgia* 1992; 12:267-268.
80. Bergen D, Ristanovic R, Gorelick PB, Kathpalia S: Seizures and renal failure. *Intl J Artif Int Organs* 1994; 17(5):247-251.
81. Gorelick PB: Distribution of atherosclerotic cerebrovascular lesions: Effects of age, race and sex. *Stroke* 1993; 24(suppl 1):116-119.

82. Gorelick PB, Brody JA, Cohen D, et al: Risk factors for dementia associated with multiple infarcts: A case-control analysis among predominantly African-American hospital-based patients. *Arch Neurol* 1993; 50:714-720.
83. Gorelick PB, Roman GC: Vascular dementia: A time to 'seize the moment.' *Neuroepidemiology* 1993; 12:139-140.
84. Gorelick PB: Neuroepidemiology of multi-infarct dementia: Case-control risk factor analysis in a predominantly black population. In: Roman GC, Schoenberg DG (eds): *NINS: New Issues in Neurosciences Basic and Clinical Approaches* 1992; 4:103-108.
85. Mangone CA, Sanguinetti RM, Baumann PD, Gonzalez RC, Pereyra S, Bozzola FG, Gorelick PB, Sica REP: Implications of feelings of burden on caregiver perception of the patient's functional status. *Dementia* 1993; 4:287-293.
86. Harris Y, Gorelick PB, Cohen D, et al: Psychiatric symptoms in dementia associated with stroke: A case-control analysis among predominantly African American patients. *JNMA* 1994; 86:697-702.
87. Gorelick PB, Harris Y: Stroke. An excess burden on African Americans. *Chicago Medicine* 1993; 96:28-30.
88. Dollear TJ, Gorelick PB, Dollear WD, et al: Comparison of dementia criteria: Sensitivity and specificity testing among African American patients. *Neuroepidemiology* 1994; 13:59-63.
89. Gorelick PB: Stroke prevention: An opportunity for efficient utilization of health care resources during the coming decade. *Stroke* 1994; 25:220-224.
90. Murray JC, Kelly MA, Gorelick PB: Ticlopidine: A new antiplatelet agent for the secondary prevention of stroke. *Clinical Neuropharmacology* 1994; 17(1):23-31.
91. Gorelick PB, Freels S, Harris Y, et al: Epidemiology of vascular and Alzheimer's dementia among African-Americans in Chicago, Illinois. *Neurology* 1994; 44:1391-1396.
92. Harris Y, Gorelick PG, Freels S, et al: Neuroepidemiology of vascular and Alzheimer's dementia among African American Women. *JNMA* 1995; 87: 741-745.
93. Gorelick PB: Stroke prevention (invited article). *Arch Neurol* 1995;52:347-355.
94. Charletta D, Gorelick PB, Dollear T, Freels S, Harris Y: CT and MRI findings among African Americans with Alzheimer's disease, vascular dementia and stroke without dementia. *Neurology* 1995;45:1456-1461.
95. Gorelick PB: Acute ischemic stroke and TIA: A costly business and a strategy to reduce costs: The "time-zero" plan. *J Stroke Cerebrovasc Dis* 1995;5:1-5.
96. Mangone CA ... Gorelick PB: Early onset Alzheimer's disease in a South American pedigree from Argentina. *Acta Neurologica Scandinavia* 1995; 91;6-13.
97. Semla TP ... Gorelick PB: Psychotropic drug use in relation to psychiatric symptoms in community-living persons with Alzheimer's disease. *Pharmacotherapy* 1995; 15(4):495-501.
98. Gorelick PB: Does alcohol prevent or cause strokes? *Cerebrovasc Dis* 1995;5:379.
99. Gorelick PB, Freels S, Harris Y, Billingsley M: Risk factors for dementia associated with stroke in African-

- Americans: A case-control analysis. *Journal of Mental Health and Aging* 1996; 2 (1): 51-64.
100. Gorelick PB, Richardson D, Hudson E, Perry C, Robinson D, Brown N, Harris Y: Establishing a community network for recruitment of African Americans into a clinical trial: The African-American Antiplatelet Stroke Prevention Study (AAASPS) experience. *Journal of the National Medical Association* 1996; 88(11): 1-4.
  101. Harris Y, Gorelick PB, Samuels P, Bempong I: Why African Americans may not be participating in clinical trials. *Journal of the National Medical Association* 1996; 88(10): 1-5.
  102. Gorelick PB, Nyenhuis DL, Garron DC, Cochran E: Is vascular dementia really Alzheimer's disease or mixed dementia? *Neuroepidemiology* 1996; 15: 286-290.
  103. Gorelick PB: Status of risk factors for dementia associated with stroke. *Stroke* 1997; 28: 459-463.
  104. Gorelick PB: History of the AAN Section on Neuroepidemiology In: *The American Academy of Neurology: The First 50 Years* (Cohen MA, editor), 1998; 262-276.
  105. Kenton E, Gorelick PB, Cooper E: Stroke in the elderly African Americans. *American Journal of Geriatric Cardiology* 1997; 6: 39-49.
  106. Gorelick PB: Commentary on racial differences in stroke. *Journal of Stroke and Cerebrovascular Disease* 1996; 6(2): 59.
  107. Shanmugam V, Chhablani R, Gorelick PB: Spontaneous calcific cerebral embolus. *Neurology* 1997; 48: 538-39.
  108. Bernard B, Gilley D, Wilson R, Freels S, Gorelick PB, Billingsley M, Harris Y: Affective and Behavioral disturbances in African Americans with Alzheimer's disease or vascular dementia. *Journal of Mental Health and Aging* 1998; 4: 97-104.
  109. Freels S, Cohen D, Semla T, Paveza G, Eisdorfer C, Luchins D, Ashford JW, Gorelick PB, Shaw H, Levy P: Predicting survival in patients with Alzheimer's disease living in the community. *Journal of Mental Health and Aging* 1996; 2(2): 115-124.
  110. Shanmugam V, Zimnowodzki S, Curtin J, Gorelick PB: Hypoglycemic hemiplegia: insulinoma masquerading as stroke. *Journal of Stroke and Cerebrovascular Disease* 1997; 6(5): 368-369.
  111. Sacco RL, Benjamin EJ, Broderick JP, ... Gorelick PB.....: Risk Factors (AHA Panel). *Stroke* 1997; 28: 1507-1517.
  112. Gorelick PB, Schneck M, Berglund LF, Feinberg W, Goldstone J: Status of lipids as a risk factor for stroke. *Neuroepidemiology* 1997; 16: 107-115.
  113. Gorelick PB: Stroke prevention: windows of opportunity and failed expectations? A discussion of modifiable cardiovascular risk factors and a prevention proposal. *Neuroepidemiology* 1997; 16: 163-173.
  114. Gorelick PB: Stroke: are we maximizing the opportunity to prevent this deadly killer and disabler (editorial). *Cerebrovascular Diseases* 1997; 1: 5-6.
  115. Gorelick PB, Harris Y, Burnett B, Bonecutter FJ: The recruitment triangle: reasons why African Americans enroll, refuse to enroll, or voluntarily withdraw from a clinical trial. *JNMA* 1998; 90: 141-145.

116. Nicholas JJ, Wichner MH, Gorelick PB, Ramsey MM: Naturalization of the alien hand: case report. *Arch phys Med Rehabil* 1998; 79: 113-114.
117. Katsamakias G, Lukovits TG, Gorelick PB: Calcific cerebral embolism in systemic calciphylaxis. *Neurology* 1998; 51: 295-297.

Letters

1. Gorelick PB, Rubino FA: Indications for lumbar puncture. *JAMA* 1980; 243:32.
2. Gorelick PB: Clarification of TIA. *JAMA* 1981; 246:1548.
3. Caplan LR, Gorelick PB: Indications for angiography in stroke. *Neurology* 1984; 34:1126-1127.
4. Gorelick PB, Zych D: Corning, cocaine and local anesthesia. *Arch Ophthal* 1985; 103:325.
5. Gorelick PB: Office tensilon test. *Arch Neurol* 1987; 44:689-690.
6. Caplan LR, Hier DB, Gorelick PB: Angiographic features in Chinese patients with occlusive cerebrovascular disease (reply). *Stroke* 1987; 18:686.
7. Goodwin JA, Helgason CM, Gorelick PB: Amaurosis fugax and thrombocytopenia (reply). *Neurology* 1987; 37:1888-1889.
8. Babikian VL, Pessin MS, Kase CS, Gorelick PB, Caplan LR: Resumption of anticoagulation after intracranial bleeding in patients with prosthetic heart valves. *Stroke* (in press).
9. Masdeu J, Gorelick PB: Thalamic Astasia (reply). *Neurology* (in press).
10. Mangone C, Gorelick PB, Hier DB, Ganellen RJ: MRI in the elderly. *Neurology* 1990; 40:1011-1012.
11. Eisdorfer C, Cohen D, Luchins D, Gorelick PB, et al: Empirical evaluation of the global deterioration scale for staging Alzheimer's disease (letter). *Am J Psychiatry* 1993; 150(4):680-682.

Book Chapters and Reviews:

1. Book chapters for *Topics in Behavioral Neurology and Neuropsychology*, Hier DB, Gorelick PB, Shindler A (eds), Butterworths International, London 1987.
  1. Coma and the RAS
  2. Herpes Simplex Encephalitis
  3. Gerstmann Syndrome
  4. Wernicke-Korsakoff Syndrome
  5. Binswanger's Disease
  6. Cerebral Amyloid Angiopathy
  7. Transient Global Amnesia
  8. Classification of Stroke
  9. Atherothrombotic Brain Infarction
  10. Cerebral Embolism
  11. Lacunar Brain Infarction
  12. Subarachnoid Hemorrhage

13. Intraparenchymal Hemorrhage
  14. Aprosodia and Affective Agnosia
  15. Multi-Infarct Dementia
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2. Gorelick PB, Swiontoniowski M: Cerebral dominance and right hemisphere specialization: A neurologist's perspective. In Pimental P, Kingsbury, NA (eds): Neuropsychological Aspects of Right Brain Injury. Pro-Ed, Austin, Texas, 1989, pp 1-18.
  3. Babikian VL, Call GK, Norrving B, Gorelick PB, Feinberg W, Kelley R, Pochay V, Canoso R: Antiphospholipid antibodies and stroke: Clinical and radiological features. Meyer J et al (eds): Cerebral Vascular Disease, Elsevier, 1989, 213-216.
  4. Cohen D, Parveza G, Gorelick PB: Principles of Care for Older Patients with Psychiatric Disorders (in press).
  5. Rational Approach To the Treatment of TIA and Stroke. Gorelick PB (editor). Proceedings from a stroke symposium in conjunction with Dupont Pharmaceuticals and Excerpta Medica 1990.
  6. Gorelick PB: Book review of James Parkinson: His Life and Times by Morris AD, Rose CF(ed). Neurology 1990; 40:1015-1016.
  7. Gorelick PB: Book review of the Psychoses of Epilepsy by Michael R. Trimble. Chicago Medicine 1991; 94(12):36.
  8. Gorelick PB: Book review of Infections of the Central Nervous System by Scheld WM, Whitley RJ, Durack DT. Chicago Medicine 1992; 95:37.
  9. Gorelick PB, Kelly MA: Neurologic complications of cardiac arrest. In Vinken PJ, Bruyn GW, Klawans HL: Handbook of Clinical Neurology Vol 19(63): Systemic Diseases, Part I. Elsevier Science Publishers, 1993:205-228.
  10. Gorelick PB: Ischemic stroke and intracranial hematoma. In Olesen J, Tfelt-Hansen P, Welch KMA: The Headaches. Raven Press, 1993:639-645.
  11. Gorelick PB, Kelly MA: Etiology of intracerebral hemorrhage: Ethanol. In Feldmann E: Intracerebral Hemorrhage. Armonk, NY, Futura Publishing Company, 1994, pp 195-208.
  12. Gorelick PB: Epidemiological Contributions. In Caplan LR: Scientific Basis of Stroke and Its Treatment. London, Springer-Verlag 1995, pp 343-353.
  13. Gorelick PB: Rush Case Compendium (Senior Section Leader-Neurology) (in press).
  14. Gorelick PB: Book review of Brainstorms: Epilepsy in Our Words: Personal Accounts of Living with Seizures by Steven C. Schachter. Chicago Medicine 1993; 96:35.
  15. Handbook of Neuroepidemiology. Gorelick PB, Alter MA, editors. Marcel Dekker, Inc., New York, 1994.
  16. Atlas of Cerebrovascular Disease. Gorelick PB editor. Current Medicine 1996.
  17. Gorelick PB. Book review of Cerebral Small Artery Disease by Pullicino P, Caplan LR, Hommel M (eds). Chicago Medicine 1993; 96:31.
  18. Gorelick PB. Book review of Neuroepidemiology: Theory and Method by Molgaard CA. Am J Epidemiol 1993; 138(9):1-20.

19. Gorelick PB, Shanmugam V, Pajean AK: Stroke. In: Birren JE (ed): Encyclopedia of Gerontology San Diego, Academic Press, Inc. 1996; 2: 517-527.
20. Gorelick PB: Book review of Intracerebral Hematoma by Carlos S. Kase and Louis R. Caplan. Annals of Internal Medicine (in press).
21. Gorelick PB: Book review of Stroke Prevention by W. Dorndorf and P. Marx. Arch Neurol 1995; 52: 855.
22. Gorelick PB, Mangone C, Arizaga R: Vascular dementia (book chapter). In: Demencia. Mangone CA, Allegri RF, Arizaga RL, Ollari JA (eds). Argentina, 1997, 183-194.
23. Gorelick PB: Stroke prevention (book chapter). In: Progress in Neurology, volume II. In: Bergen DC, Chopra JS, Silberberg D, Barac B, Lechner H (eds). New Delhi, BI Churchill Living Stone, 1998, 62-65.

Abstracts:

1. Palacios E, Gorelick PB, Gonzalez CF, and Fine M: Malignant lymphoma of the nervous system. Presented at the 66th Scientific Assembly and Annual Meeting of the Radiological Society of North America, Dallas, Texas, November 21, 1980 (poster and platform).
2. Palacios E, Gorelick PB, Gonzalez CF and Fine M: Malignant lymphoma of the nervous system. 19th Annual Meeting of the American Society of Neuroradiology, Chicago, Illinois, April 5-9, 1981 (poster).
3. Gorelick PB, Caplan LR, Hier DB, Patel D and Parker SL: Racial differences in the distribution of occlusive cerebrovascular lesions. 35th Annual Meeting of the American Academy of Neurology, San Diego, California, April 24-30, 1983 (platform).
4. Masdeu JC and Gorelick PB: Inability to stand due to unilateral thalamic lesions. 35th Annual Meeting of the American Academy of Neurology, San Diego, California, April 24-30, 1983 (poster).
5. Gorelick PB, Hier DB, Levitt S, et al: Aphasia after left thalamic infarction. 36th Annual Meeting of the American Academy of Neurology, Boston, Mass., April 8-14, 1984 (poster).
6. Goodwin J, Gorelick PB, Helgason K: Amaurosis fugax vs. retinal migraine. 36th Annual Meeting of the American Academy of Neurology, Boston, Mass., April 8-14, 1984 (platform).
7. Pimental P, Gorelick PB: Aphasia, apraxia and stuttering following metrizamide myelography. 1984 Illinois Speech-Language-Hearing Association (poster).
8. Pimental P, Gorelick PB: Aphasia, apraxia and stuttering following metrizamide myelography. 1984 American Speech and Hearing Association (platform).
9. Gorelick PB, Caplan LR, Hier D et al: Racial differences in the distribution of posterior circulation occlusive disease. 37th Annual Meeting of the American Academy of Neurology, Dallas, Texas, April 28 - May 4, 1985 (platform).
10. Gorelick PB, Hier DB, Caplan LR, Langenberg P: Headache in acute cerebrovascular disease. 37th Annual Meeting of the American Academy of Neurology, Dallas, Texas, April 28 - May 4, 1985 (platform).

11. Gorelick PB, Budzenski C, Hier DB, Hermann B, Benevento LA: Thalamic infarction: Neuropsychometric, language and CT correlates. 37th Annual Meeting of the American Academy of Neurology, Dallas, Texas, April 28 - May 4, 1985 (poster).
12. Gorelick PB, Zych D: Corning, lumbar puncture, and spinal anesthesia. 37th Annual Meeting of the American Academy of Neurology, Dallas, Texas, April 28 - May 4, 1985 (poster).
13. Zych D, Gorelick PB: HI Quincke and the clinical application of lumbar puncture. 37th Annual Meeting of the American Academy of Neurology, Dallas, Texas, April 28 - May 4, 1985 (poster).
14. Gorelick PB, Langenberg P, Hier DB, Caplan LR, Patel D, Pessin M, Taber J: Racial differences in the distribution of asymptomatic occlusive cerebrovascular disease. 38th Annual Meeting AAN, New Orleans, Louisiana, April 27 - May 3, 1986 (poster).
15. Gorelick PB, Sullivan M, Lansky L: Cerebral auscultation: Origin of a forgotten art. 38th Annual Meeting AAN, New Orleans, Louisiana, April 27 - May 3, 1986 (platform).
16. Masdeu JC, Gorelick PB: Thalamic astasia. 38th Annual Meeting AAN, New Orleans, Louisiana, April 27 - May 3, 1986 (platform).
17. Hier DB, Gorelick PB: Critical analysis of the EC/IC Bypass Trial. Joint Meeting Neurovascular Society of North America and the Society for Neurovascular Surgery, Chicago, Il., April, 17-19, 1986 (platform).
18. Caplan LR, Pessin M, Gorelick PB: Clinical features of basilar and vertebral occlusive disease. 111th Annual Meeting ANA, Boston, Massachusetts, September 1986.
19. Babikian VL, Gorelick PB, Kelley R, Feinberg WM, Levine JD: The lupus anticoagulant and stroke: Clinical features. 39th Annual Meeting AAN, New York, New York April 5-11, 1987 (poster).
20. Gorelick PB, Sullivan-Fowler M: Sir Charles Bell: Neurologic contributions and controversy. 39th Annual Meeting AAN, New York, New York, April 5-11, 1987 (poster).
21. Gorelick PB, Biller J: Cerebral angiography, leucotomy and the Nobel Prize. 39th Annual Meeting AAN, New York, New York, April 5-11, 1987 (poster).
22. Gorelick PB, Rodin MR, Langenberg, Hier DB, et al: Is acute alcohol ingestion a risk factor for ischemic stroke? World Federation of Neurology (Neuroepidemiology), New York, New York, April 4, 1987 (platform).
23. Caplan LR, Schmanhmann GD, Kase CS, Feldman E, Greenberg JP, Gorelick PB, Helgason C, Hier DB: Caudate infarcts. 40th Annual Meeting AAN, Cincinnati, Ohio, April 1988 (platform).
24. Babikian VL, Call GK, Norrving B, Gorelick PB, Feinberg WM, Kelley R, Pochay RT, Canoso RT: Antiphospholipid antibodies and stroke: clinical and radiologic features. 14th International Salzburg Conference on Cerebrovascular Disease, Kongrebzentrum, Humboldtstaal, Salzburg, Sept 30, 1988.
25. Gorelick PB, Rodin M, Langenberg P, Hier DB, Costigan J: Weekly alcohol consumption, cigarette smoking and the risk of ischemic stroke. 41st Annual Meeting AAN, Chicago, Il, April 1989 (platform).
26. Gorelick PB, Brody J, Cohen D, Hier DB, et al: Neuroepidemiology of multi-infarct dementia. World Federation of Neurology (Neuroepidemiology), Chicago, Il, April 1989 (platform).

27. Masdeu J, Gorelick PB: Impairment of axial and automatic movements with thalamic lesions. 41st Annual Meeting, AAN, Chicago, IL, April 1989 (platform).
28. Paveza G, Ashford W, Brody J, Eisdorfer C, Gorelick P, et al: Demographic characteristics of dementia patients from a three state registry and its implications for community care. International Association of Gerontology. Acapulco, Mexico, June 1989.
29. Gorelick PB, Cohen D: A large scale prototype Alzheimer's disease patient registry: Clinical characterization of multi-infarct dementia. GSA, Minneapolis, MN, November 1989.
30. Mangone CA, Ganellen R, Hier DB, Gorelick PB: Psychiatric symptoms in Alzheimer's disease. 42nd Annual Meeting, AAN, Miami, Florida, May 1990 (platform).
31. Cohen D, Paveza G, Eisdorfer C, Gorelick PB, Luchins D, Hirschman R, Ashford W: Morbidity and co-morbidity in patients with Alzheimer's disease (AD): Results from a large scale patient registry. Gerontologist 1990; 30:157A-158A (43rd Annual Scientific Meeting of the Gerontological Society of America); Also appearing in the proceedings of the 6th International Conference of Alzheimer's Disease, Mexico City, Mexico, September 23-27, 1990.
32. Paveza GJ, Cohen D, Ashford W, Brody J, Eisdorfer C, Gorelick PB, Hirschman R, Luchins D, Shaw H, Trozzolo T: Violence in families with an Alzheimer patient. Gerontologist 1990; 30:147A (43rd Annual Scientific Meeting of the Gerontological Society of America).
33. Eisdorfer C, Cohen D, Ashford W, Luchins D, Paveza G, Brody J, Hirschman R, Gorelick P: An empirical challenge to the validity of the Global Deterioration Scale to stage Alzheimer's Disease. Proceedings of the GSA 43rd Annual Scientific Meeting, November 16-20, 1990.
34. Gorelick PB, Foulkes MA, Hier DB, Wolf PA, Price T, Mohr JP: Predictors of ambulation following ischemic stroke: The Stroke Data Bank (SDB). 44th Annual Meeting of the American Academy of Neurology, San Diego, CA, May 1992 (poster).
35. Mangone CA, Sanguinetti RM, Baumann PD, et al: Implications of feelings of burden on caregiver perception of the patient's functional status. Alzheimer's Conference, Brussels Belgium, September 1992 (platform).
36. Dollear TJ, Gorelick PB, Dollear WC, et al: Comparison of dementia criteria: Sensitivity and specificity testing. 45th Annual Meeting of the American Academy of Neurology, New York, NY, April 1993 (poster).
37. Gorelick PB, Brody J, Cohen D, et al: Risk factors for dementia associated with multiple cerebral infarcts in predominantly African-Americans. 3rd International Conference on Alzheimer's and Parkinson's disease. Chicago, IL, Nov 3, 1993.
38. Dollear T, Charletta D, Gorelick PB, et al: CT and MRI Findings among African-Americans with Dementia. 46th Annual Meeting of the American Academy of Neurology, Washington, DC, April 1994 (poster).
39. Harris Y, Gorelick PB, Freels S, et al: Risk factor profile of vascular and Alzheimer's dementia among African-American women in Chicago, IL. 46th Annual Meeting of the American Academy of Neurology, Washington, DC, April 1994 (poster).
40. Gorelick PB, Freels S, Harris Y, et al: Epidemiology of vascular and Alzheimer's dementia among

- African-Americans. 46th Annual Meeting of the American Academy of Neurology, Washington, DC, April 1994 (poster).
41. Shanmugam V, Gorelick PB, Curtin J, Kelly M, Harris Y: Stroke in young adults. 47th Annual Meeting, American Academy of Neurology, Seattle, Washington, May 1995 (poster).
  42. Bernard B ... Gorelick PB: Behavioral disturbance in African Americans with Alzheimer's and vascular dementia. 47th Annual Meeting. American Academy of Neurology, Seattle, Washington, May 1995 (poster).
  43. Bonner G, Gorelick PB, Prohaska T, Smith E: End-of-life decisions made by African Americans. GSA, Fall 1995 (poster).
  44. Gorelick PB and the AAASPS Investigators: African American Antiplatelet Stroke Prevention Study (AAASPS). 21st International Joint Conference on Stroke and Cerebral Circulation. San Antonio, Texas January 25-27, 1996 (poster).
  45. Gorelick PB, Davis P, and the TOAST Investigators: Racial differences in baseline characteristics among persons enrolled in an acute stroke treatment trial. 48th Annual Meeting of the AAN. San Francisco, CA, March 23-30, 1996 (platform).
  46. Semla T, Freels S, Harris Y, Gorelick PB: Medication use by African Americans with Alzheimer's disease, vascular dementia or stroke without dementia. Annual Meeting American College of Clinical Pharmacy. Nashville, TN August 4-7, 1996 (poster).
  47. Nyenhuis DL, Gorelick PB, Freels S, Garron DC: Relatively poor memory at baseline is associated with progressive cognitive decline in patients with cerebrovascular disease. 25th Annual Meeting International Neuropsychological Society. Orlando, Florida, February 5-8, 1997 (poster).
  48. Gorelick PB and the AAASPS Investigators: African-American Stroke Prevention Study. 22nd International Joint Conference on Stroke and Cerebral Circulation. Anaheim, CA, February 6-8, 1997.
  49. Gorelick PB: Possibilities of reducing stroke by risk factor control. Salzburg Conference, Buenos Aires, Argentina, 9/15/97 (platform presentation).
  50. Gorelick PB and the AAASPS Investigators: African-American Antiplatelet Stroke Prevention Study. 23<sup>rd</sup> International Joint Conference on Stroke and Cerebral Circulation, Orlando, Florida, February 1998 (poster).
  51. Wichner MH, Nicholas JJ, Flamant D, Gorelick PB: An unusual rehabilitation problem: the alien hand syndrome in a stroke patient. A case report. AAPM and R Annual Assembly 1997 (poster presentation).
  52. Nyenhuis DL, Gorelick PB, Freels S, Garron DC: Cognitive and functional decline in African-Americans diagnosed with vascular dementia or stroke without dementia. International Neuropsychological Society 26<sup>th</sup> Annual Meeting Honolulu, Hawaii, February 4-7, 1998.
  53. Nyenhuis DL, Bernard BA, Gorelick PB, Freels S, Garron DC: Baseline behavioral symptoms as predictors of cognitive and functional decline in African-Americans with vascular or Alzheimer's dementia. ANPA/BNS 1998.
  54. National Acute Stroke Team Group: Survey of acute stroke teams in the US. 23<sup>rd</sup> International Joint Conference on Stroke and Cerebral Circulation, Orlando, Florida, February 1998.
  55. Ford-Lynch G, Barboi A, Leurgans S, Raman R, Gorelick PB: A comparison of baseline cardiovascular risk factors in African Americans and non-African Americans in Stroke Prevention Studies. Annual Meeting American Academy of Neurology 1998 (poster).

Other Publications:

1. Gorelick PB and Biller J: Acute ophthalmoplegia. *Clini-Pearls (Abbott Laboratories)* 3(9), September 1980.
2. Gorelick PB and Gupta S: Forced eyelid closure. *Clini-Pearls (Abbott Laboratories)* 4(1), February 1981.
3. Matick H and Gorelick PB: Postoperative crises. *Clini-Pearls (Abbott Laboratories)* 4(5), June 1981.
4. Matick H and Gorelick PB: Transient brainstem dysfunction. *Clini-Pearls (Abbott Laboratories)* 4(10), December/January 1981-1982.
5. Gorelick PB: Nonatherosclerotic causes of stroke. *Proceedings of Hines-Loyola Medical Center Conferences in Neurology* 10(1), January 1981.
6. Gorelick PB: Complications of lumbar puncture. *Proceedings of Hines Loyola Medical Center Conferences in Neurology* 8(2), July 1979.
7. Gorelick PB: Race and cerebrovascular disease. *American Heart Association Newsletter "Gaining Ground"* 1987; 2:1-2.
8. Swiontoniowski M, Hier DB, Gorelick PB: The causes of stroke. *American /Chicago Heart Association Newsletter "Heartbeat"* 1987; March - April.

Lectures and Speaking Engagements:

1982 - 1983

1. "Cerebrovascular Disease Overview" - one hour (presented every six weeks to phase IV medical students, University of Illinois), 1982-1984.
2. "Management of Cerebrovascular Disease in the Emergency Room" - one hour (Louis A. Weiss Hospital). October 1982.
3. "Vertebrobasilar CVD" - one hour (University of Illinois, Department of Ophthalmology Journal Club), November 1984.
4. "Stroke: Something Can Be Done" (symposium sponsored by the Department of Neurosurgery, University of Illinois), May 13, 1983.
  1. "Carotid TIA and Stroke" - 40 minutes
  2. "Management Aspects of SAH" - 20 minutes
5. "Epilepsy" - one hour (Physical Therapy and Rehabilitation Medicine Curriculum, University of Illinois, College of Medicine), May 1983.

1983 - 1984

1. "Evaluation of Carotid TIA and Stroke" - one hour (Loretto Hospital) August 1983.
2. "Neurologic Complications of Systemic Cancer" - one hour (Lake Forest Hospital), November 1983.

3. "Neurologic Manifestations of SLE" - one hour (University of Illinois Rheumatology Meeting), November 1983.
4. "Aphasia" - one hour (Martha Washington Hospital), January 1984.
5. Clinical Correlation Conference Neuroanatomy Course - "Clinical Application of Cerebrovascular Anatomy" - one hour (phase I medical students, University of Illinois), February 1984.
6. "Neurologic Manifestations of Systemic Cancer" - one hour (Henrotin Hospital), February 1984.
7. "Neurologic Manifestations of Systemic Cancer" - one hour (Copley Hospital), February 1984.
8. "Racial Factors in Ischemic Stroke Mechanism" - one hour (Chicago Medical Society Midwest Clinical Conference), March 1984.
9. "Overview of Stroke" - one hour (Internal Medicine Board Review, 1984, sponsored by the University of Illinois, Department of Medicine), March 1984.
10. "Neurologist's Approach to the dizzy Patient" - 20 minutes (University of Illinois Geriatric Medicine Clinical Colloquia), March 1984.
11. "Stroke in the Young Adult" - one hour (Illinois Neurological and Neurosurgical Nursing Association), April 1984.
12. "Clinical Applications of Cerebrovascular Anatomy" - one hour (University of Illinois, Department of Ophthalmology Basic Science Course for Residents), April 1984.
13. "Coma" - one hour (Physical Diagnosis Course, Department of Medicine, University of Illinois, Phase II Medical Students), April 1984.
14. "Epidemiology of Multiple Sclerosis" - one hour (School of Public Health Course in Epidemiology, University of Illinois), May 1984.
15. "Stroke: Something Can Be Done" - one hour (Symposium sponsored by the Department of Neurosurgery, University of Illinois), May 1984.
  1. "TIA and Stroke - Evaluation and Treatment".
16. "Coma and Altered Levels of Consciousness" - one hour (Residency Orientation Lecture Series sponsored by the Department of Internal Medicine, University of Illinois Hospital), June 1984

1984 - 1985

1. "Diagnosis and Management of Subarachnoid Hemorrhage" - one hour (Grand Rounds Department of Medicine, University of Illinois Hospital), July 1984.
2. "Management of Cardiogenic Embolism" - 30 minutes (Grand Rounds Emergency Room Section, University of Illinois Hospital), September 1984.
3. "Bedside and Radiology Correlations in Stroke" - 45 minutes (Presented at the University of Illinois College of Nursing Symposium on Stroke), November 1984.
4. "Diagnosis and Management of Neurologic Emergencies" - one hour (Weiss Memorial Hospital

Medical Grand Rounds), November 1984.

5. "CVD in the Elderly" - 30 minutes (University of Illinois Hospital Geriatric Medicine Clinical Colloquia), November 1984.
6. "Race and Occlusive Cerebrovascular Disease" (University of Chicago Brain Research Conference), November 1984.
7. "Interdisciplinary Stroke Care" (Stroke Symposium, Department of Neurosurgery, University of Illinois), December 1984.
8. "Aphasia and Neurobehavioral Correlations" (Basic Science Neuroanatomy Course, University of Illinois), February 1985.
9. "Asymptomatic Carotid Bruit" (Midwest Clinical Conference, Chicago, Illinois), March 1985.
10. "Cerebrovascular Disease" (Psychiatry Review Course, University of Chicago), March 1984.
11. "Stroke Prevention" (Chicago Heart Association Medical Student Symposium), March 1985.
12. "Management of TIA" (Primary Care Grand Rounds, Michael Reese Hospital), May 1985.
13. "Multiple Sclerosis" (School of Public Health Course in Epidemiology (HA311), University of Illinois) May 1985.
14. "Anatomical Correlations of Signs and Symptoms of Stroke", Chicago Heart Association, "Heart Disease Stroke Update '85"), June 1985.
15. "Diagnosis of Stupor and Coma" (internship review course, Michael Reese Hospital), June 1985.

#### 1985 - 1986

1. "Management of Asymptomatic Carotid Bruit" (Department of Medicine Grand Rounds, Michael Reese Hospital), July 1985.
2. Diagnosis and Management of Hemorrhagic Stroke (Department of Medicine Grand Rounds, St. Mary's Hospital, Chicago, Illinois), July 1985.
3. "Management of Asymptomatic Carotid Bruit" (Cook County Graduate School Review Course in Neurology), September 1985.
4. "Clinical and Pathologic Aspects of Alzheimer's Disease" (South Shore Hospital Symposium on Alzheimer's Disease), November 1985.
- 5a. "Transient Ischemic Attacks" (Rush-Presbyterian-St. Lukes Medical Center course Neurology for the Non-Neurologist), December 1985.
- 5b. "Cerebrovascular Disease Workshop" (for above course).
6. "Controversies in the Management of Asymptomatic Carotid Bruit" (Medical Grand Rounds, Chicago Medical School), January 1986.

7. "Cerebrovascular Disease" (University of Chicago Department of Psychiatry Review Course in Psychiatry and Neurology), March 1986.
8. "Multiple Sclerosis (School of Public Health Course in Epidemiology (HA311), University of Illinois), May 1986.
9. "Update on Therapy in Stroke" (Grand Rounds, Department of Neurology, University of Chicago Hospital), May 1986.

1986 - 1987

1. "Newer Therapies in the Treatment of Stroke" (Cook County Graduate School Review Course in Neurology), September 1986.
2. "The History of Neurology: Selected Topics in Review" (Cook County Graduate School Review Course in Neurology), September 1986.
3. "Newer Therapies in the Treatment of Stroke" (Rush-Presbyterian-St. Lukes review course "Neurology for the Non-Neurologist"), December 1986.
4. "Cerebrovascular Disease Workshop" (for above course).
5. "Presentation of Neurologic Illness in Internal Medicine: Selected Cases" (Medical Grand Rounds St. Mary's Hospital, Chicago, Illinois), December 1986 and February 1987.
6. "Cerebrovascular Disease" (Psychiatry Review Course, University of Chicago), March 1987.
7. "Multiple Sclerosis" (School of Public Health Course in Epidemiology (HA311) University of Illinois), May 1987.
8. "Cerebrovascular Disease" (School of Public Health Course in Epidemiology (HA311), University of Illinois), May 1987.
9. "Common Neurologic Problems in Internal Medicine" (Medical Grand Rounds, St. Mary's Hospital, Chicago, Illinois), May 1987.

1987 - 1988

1. "Epidemiology and Prevention of Stroke" (Symposium on Geriatric Medicine, Chicago Medical School), September 1987.
2. "Risk factors for Stroke: Implications for Treatment" (Cook County Graduate School Review Course in Neurology), October 1987.
3. Drug therapy for ischemic stroke (Medical Grand Rounds, Grant Hospital), October 1987.
4. Risk factors for stroke (School of Public Health Course in Epidemiology (HA417) University of Illinois), October 1987.
5. "Update on Management of Stroke" (Rush-Presbyterian-St. Lukes Review Course "Neurology for the Non-Neurologist"), December 1987.
6. Cerebrovascular Disease Workshop (for above course).
7. "Cerebrovascular Disease" (Psychiatry Review Course, University of Chicago), March 1988.

8. "New Developments in Stroke Diagnosis and Therapy". Midwest Clinical Conference, March 1988.
9. "Multiple Sclerosis" (School of Public Health Course in Epidemiology (HA311), University of Illinois), May 1988.

1988 - 1989

1. "Carotid Endarterectomy: Uses and Abuses" (Resident Management Seminar, Department of Medicine, Chicago Medical School), July 1988.
2. "Multi-Infarct Dementia" (Neurology Grand rounds, Northwestern University Medical School), Oct 1988.
3. "Headache in Acute Cerebrovascular Disease" (Symposium on Subarachnoid Hemorrhage, Rehabilitation Institute of Chicago), November 1988.
4. "Cerebrovascular Disease" (Psychiatry Review Course, University of Chicago), February 1989.
5. Multiple Sclerosis (School of Public Health in Epidemiology (HA 311), University of Illinois) May 1989.

1989 - 1990

1. "Multi-Infarct Dementia", Illinois Geriatric Education Center, June 15, 1989.
2. Course Coordinator, American Society of Aging Summer Series, "Comprehensive Geriatric Assessment", Chicago, Il., July 12, 1989.
3. Course Director, "Medical and Surgical Management of Ischemic Stroke", Symposium, Michael Reese Hospital, November 4, 1989.
4. "Cerebrovascular Disease", Comprehensive Psychiatry Review Course, University of Chicago, February 1990.
5. "Alcohol and Stroke: Thoughts and Reflections" (Medicine Conference, Hines VAH), Hines, Il, January 1990.
6. "Treatment of Ischemic Stroke" (Visiting Professor, Wayne State University), Detroit, MI, February 1990.
7. "Management of Stroke" (Medicine Conference, St. Joseph's Hospital), Chicago, Il, March 1990.
8. "Alcohol, Drug Abuse and Stroke", American Academy of Neurology Annual Course in Cerebrovascular Disorders, Miami, Florida, May 1, 1990.
9. "Treatment of Ischemic Stroke: Lessons From Clinical Trials" (Grand Rounds, Illinois Masonic Hospital), Chicago, Il, June 1990.

1990 - 1991

1. Course Coordinator, American Society on Aging Summer Series, "Comprehensive Geriatric Assessment", Chicago, Il, July 1990.

2. "Treatment of Cardioembolic Stroke." Medical Grand Rounds, Department of Medicine, St. John's Hospital, Detroit, Michigan, July 31, 1990.
3. "Mental Health and Aging: Diagnosing Dementia." Mini-Fellowship in Geriatrics, Geriatric Education Center, University of Illinois, August 2, 1990.
4. "Advances in Thrombolytic Therapy." Medical Grand Rounds, Department of Medicine, St. Elizabeth Hospital, Dayton, Ohio, August 16, 1990.
5. "MID and Alzheimer Disease: Health Prevention Aspects." Health Promotion Conference, Chicago Medical School, September 14, 1990.
6. Workshop Leader ACP Associates' Meeting, Rush Medical Center, September 18, 1990
7. "Treatment of Ischemic Stroke." Medical Grand Rounds, WA Foster Memorial Hospital, Jackson, Michigan, December 12, 1990.
8. "Management of Ischemic Cerebrovascular Disease". Department of Neurological Sciences, Rush Medical School, Review Course "Neurology for the Non-Neurologist", December 1990.
9. "Cerebrovascular Disease." Comprehensive Psychiatry Review Course, University of Chicago, February 1991.
10. "Antiphospholipid Antibodies in Stroke: An Epidemiological Perspective" (Satellite Symposium on antiphospholipid antibodies preceding the American Heart Association Joint Conference on Stroke and Cerebral Circulation, San Francisco, CA, February 18-23, 1991).
11. "Carotid Endarterectomy". Grand Rounds, Department of Medicine, Grant Hospital, February 1991.
12. CPC Discussant (Enterogenous Cyst). Grand Rounds, Department of Neurology, Northwestern University Medical School, April 1991.
13. "Epidemiology of Parkinson's Disease". University of Illinois School of Public Health Course HA311, May 1991.

1991 - 1992

1. "Stroke, Aging and Ethnicity" (Illinois Geriatric Education Center, July 1991).
2. "Understanding Stroke" and "Understanding Alzheimer's Disease" (American Society on Aging Summer Series, July 1991).
3. "Neuroepidemiology of Dementia" (Grand Rounds, University of Chicago Department of Neurology, September 1991).
4. Use of Heparinoids in Acute Ischemic Stroke (Grand Rounds, Department of Neurological Sciences, Rush Medical Center, September 1991).
5. Carotid Endarterectomy (Neurosurgery Conference, Department of Neurological Surgery, Rush Medical Center, October 1991).
6. Carotid Endarterectomy (Grand Rounds, Oak Forest Hospital, Geriatric Medicine, November 1991).

7. Diagnosis and Treatment of Ischemic Stroke (Grand Rounds, PM+R Department, Rush Medical Center, November 1991).
8. New Concepts in Cerebrovascular Disease and Cerebrovascular Disease Workshop (Neurology for the Nonneurologist, Department of Neurological Sciences, Rush Medical Center).
9. Update on the Treatment of Ischemic Stroke (Medical Grand Rounds, Michael Reese Hospital, January 1992).
10. Treatment of Ischemic Stroke (Medical Grand Rounds, Grant Hospital, February 1992).
11. Cerebrovascular Disease (Comprehensive Psychiatry Review Course, Department of Psychiatry, University of Chicago, February 1992).
12. Types of Studies to Answer Your Questions (Course on Neuroepidemiology for the Practicing Physician, 44th Annual Meeting, American Academy of Neurology, San Diego, CA, May 1992).
13. Update on the Treatment of Ischemic Stroke (Grand Rounds, St. Francis Hospital, Blue Island, IL, May 1992).
14. How the Brain Works (WBEZ Radio Station, February 1992).
15. Invited Participant and Discussant, 18th Princeton Conference (Distribution of atherosclerotic cerebrovascular lesions: Effects of age, race and sex), Rochester, MI, May 29-31, 1992.

1992 - 1993

1. Update on Management of TIAs (Northern Indiana Education Foundation, Inc, August 25, 1992).
2. Management of Carotid Occlusive Disease (Medical Grand Rounds, Rush Medical Center, October 23, 1992).
3. Dementia (LaGrange Hospital Medical Education Conference, November 5, 1992).
4. Dementia (Neurology Grand Rounds, Evanston Hospital, November 1992).
5. Update on the Management of Ischemic CVD (Hinsdale Hospital Medical Education Conference, November 12, 1992).
6. Treatment of Cardioembolic Stroke (Grace Hospital, Detroit MI, December 8, 1992).
7. Comprehensive Stroke Care (St. Francis Hospital, Blue Island, IL, Special Meeting of Medical Staff, January 1993).
8. Cerebrovascular Disease (Psychiatry Review Course, University of Chicago, February 1993).
9. Types of Studies to Answer Your Questions (Course on Neuroepidemiology for the Practicing Physician, 45th Annual Meeting, American Academy of Neurology, New York, NY, April 1993).
10. Stroke in African Americans (Stroke Conference, Northwestern Medical School, May 6, 1993).

11. Treatment of Ischemic Stroke (Neurology Grand Rounds, Rush Medical Center, May 13, 1993).
12. Antithrombotic Therapy in Ischemic Stroke (Medical Grand Rounds, Rush Medical Center, May 14, 1993).

1993 - 1994

1. Vascular Dementia (Visiting Grand Rounds Professor, Department of Neurology, University of Maryland, September 29, 1993).
2. Management of Acute Stroke (Department of PM&R Grand Rounds, Rush, October 7, 1993).
3. Use of Antiplatelet vs. Anticoagulant Therapy in Stroke (Update on Current Therapeutics in Clinical Neurology, St. John Hospital and Medical Center, Detroit, MI, October 14, 1993).
4. Neuroepidemiology of Alzheimer's Disease and Vascular Dementia: Who is at Risk? (10th Annual Alzheimer's Disease Symposium, University of Tennessee Graduate School of Medicine, November 4, 1993).
5. Stroke Prevention (Medical Grand Rounds, Rush Medical College, January 21, 1993).
6. Alzheimer's Disease (Coppin Memorial AME Church Health Forum, Chicago, April 9, 1994).
7. Workshop on Epidemiology of Stroke and Dementia in African Americans (Neurodegenerative Disorders: Common Molecular Mechanisms, Ocho Rios, Jamaica, April 10-15, 1994).

1994 - 1995

1. Atrial Fibrillation and Stroke: Recognition and Prevention (St. Francis Hospital, Evanston, IL, July 1, 1994).
2. Epidemiology of Stroke Among African Americans (Annual Meeting, National Medical Association, Orlando, Florida, July 1994).
3. Marion Merrell Dow Minority Scholar Visiting Professor (Howard University, Washington, DC, September 29-30, 1994).
4. Neurologic Exam for Internists (ACP Associates Program, Westmont, IL, October 13, 1994).
5. Epidemiology of Cerebrovascular Disease (2nd Annual Symposium on Geriatric Medicine, Sarasota Memorial Hospital, Sarasota, Florida, October 29, 1994).
6. Stroke in African-American Women (1994 American Medical Women's Association, Lake Buena Vista Florida, November 6, 1994).

7. Stroke Prevention (Preventive Medicine Grand Rounds, RUSH, January 24, 1995).
8. Stroke Management in the Mid-Decade: State of the Art (At the Frontiers of Stroke Rehabilitation: Update on Theories and Therapies, Schwab Rehabilitation Hospital, Chicago, IL, February 16, 1995).
9. Carotid Surgery in Asymptomatic Patients (Controversies in Primary Care) Rush Medical Center, April 1995.
10. Prevention and Management of Stroke (Medical Grand Rounds, Illinois Masonic Hospital), April 1995.
11. Ticlopidine and Aspirin in Stroke Prevention (New Developments in Dementia, Stroke and Epilepsy sponsored by Rush Specialized Training Programs), May 1995.
12. African-American Antiplatelet Stroke Prevention Study (Medical Grand Rounds, Cook County Hospital), June 1995.

1995 - 1996

1. Alzheimer Disease International Symposium invited speaker: 1. Epidemiology of Dementia Around The World; and 2. Criteria for Dementia Diagnosis (Buenos Aires, Argentina), September 1995.
2. Controversies in Primary Care: Carotid Surgery in Asymptomatic patients (Rush) April 26, 1995.
3. Department of Internal Medicine Grand Rounds: Carotid Artery Disease-Current Status of Diagnosis and Management. Rush North Shore, November 10, 1995.
4. Neurologic Diagnosis. ACP Regional Meeting, November 1995.
5. The following lecture was given at Grand Rounds at the sites listed below: "Stroke Prevention in the 1990s and the African American Stroke Prevention Study":
  - a. Mercy Hospital (November 1995)
  - b. Gottlieb Hospital (December 1995)
  - c. Chicago Neurological Society (December 1995)
  - d. Midwest Clinical Conference/Association of Haitian Physicians (January 1996)
  - e. Michael Reese Hospital (February 1996)
  - f. Rush Medical Center (March 1996)
  - g. Indiana University (April 1996)
  - h. St. Francis Hospital (June 1996)
  - i. Mt. Sinai Hospital (June 1996)
  - j. University of Illinois (June 1996)
6. Invited Speaker for AAN Annual Course on Stroke Prevention, (cigarettes and alcohol), March 1996, San Francisco, CA.

1996-1997

1. The following lecture was given at Grand Rounds at the sites listed below: "Stroke Prevention in the 1990s and the African American Stroke Prevention Study":
  - a. Rush Neurology Department (July 1996)
  - b. American Black Cardiologist's Association (July 1996)
  - c. National Medical Association Annual Meeting (July 1996)
  - d. Wayne State Medical Center (August 1996)
  - e. Washington University (September 1996)

f. Ingalls Hospital (October 1996)

2. Vascular Dementia: Epidemiologic and Clinical Aspects. International Congress of Neuropsychiatry, Seville, Spain, August 28-31, 1996.
3. Stroke Prevention. World Federation of Neurology Health Care Delivery Conference, Athens, Greece, October 24-26, 1996.
4. Stroke Prevention. Prevention of Neurologic Disease. Annual Course, AAN, Boston, MA, April 1997.

1996 - 1997

5. Invited Speaker for Rush, Univ. of Illinois Endocrine Grand Rounds: "Evaluation and Treatment of Carotid Vascular Disease," January 14, 1997.
6. Invited Speaker for Buenos Aires Public Health Department, "Dementia: costs, social impact and policies," March 12, 1997, Buenos Aires, Argentina.
7. Invited Speaker for combined Emergency Medicine/Neurology Dinner Seminar on "Thrombolytics for Treatment of Stroke?" April 23, 1997, University of Chicago.
8. Invited Speaker for Roche Labs on "Current Treatment Modalities with Antiplatelets," June 10, 1997, Olympia Fields, IL.
9. Invited Speaker for Excerpta Medica Experts Stroke Forum on "Stroke Epidemiology" and "Secondary Stroke Prevention," June 28-29, 1997, New Orleans, LA.

1997 - 1998

1. Invited Speaker for AHA's 24th Health and Science Journalists Forum on "Hope for Stroke Dementia," Portland, Oregon, July 12-15, 1997.
2. Invited Speaker for Medicine Grand Rounds on "Secondary Stroke Prevention in the 1990's" Rush Medical Center, Chicago, IL, August 13, 1997.
3. Invited Speaker for NBC Fitness and Health Fair on "Strike Out Stroke," Chicago, IL, August 17, 1997.
4. Invited Speaker for 5th Annual Rhea and Louis D. Boshes Lectureship in the History of Neurology on "Early History of Spinal Puncture," Chicago, IL, September 26, 1997.
5. Invited Speaker for Extension Services in Pharmacy Teleconference on "Stroke Prevention and Treatment," Chicago, IL, October 21, 1997.
6. Invited Speaker for National Stroke Association Regional Symposium on "Risk Factors and Epidemiology of Stroke," Knoxville, TN, December 5, 1997.
7. Keynote Speaker for President's Symposium at the AHA 23rd International Stroke Conference on "Cerebrovascular Disease in African Americans," Orlando, Florida, February 5, 1998.
8. Stroke Prevention, Grand Rounds, Allegheny Hospitals, Philadelphia, PA, March 20, 1998.
9. Stroke Prevention, Grand Rounds Walter Reed Hospital, Washington, DC, April 8, 1998.
10. Stroke Prevention in the 1990s, Grand Rounds, Trinity Hospital, Chicago, Illinois, February 25,

1998.

11. Stroke Prevention in the 1990s, Grand Rounds, Dept. of Neurology, University of Maryland, Baltimore, MD, January 28, 1998.
12. Atrial Fibrillation and Stroke, Grand Rounds, Dept. of Medicine, MacNeal Hospital, Berwyn, IL, December 4, 1997.
13. Vascular Dementia, Alzheimer Course, Northwestern University Medical School, November 22, 1997.
14. Stroke Prevention, St. Francis Hospital, Blue Island, Illinois, November 5, 1997.

Course Symposia Directorships:

1. Rational Approach to the Treatment of TIA and Stroke (Michael Reese Hospital, November 1989)
2. Advances in the Diagnosis and Treatment of Alzheimer Disease (Michael Reese Hospital, April 1990).
3. Controversies in the Management of Stroke (Michael Reese Hospital, November 1990).
4. Advances in the Diagnosis and Treatment of TIA and Ischemic Stroke (Rush Medical Center, November 1991).
5. Neuroepidemiology: Early Detection, and the Prevention and Treatment of Neurologic Disease (44th Annual Meeting, American Academy of Neurology, Dinner Seminar, May 1992).
6. Advances in the Diagnosis and Treatment of TIA and Ischemic Stroke (Rush Medical Center October, 1992).
7. Neuroepidemiology: Early Detection, and the Prevention and Treatment of Neurologic Disease (45th Annual Meeting, AAN Dinner Seminar, April 1993).
8. Prevention and Treatment of Cerebral Ischemia (Rush Medical Center, October 1993).
9. Treatment of TIA and Stroke (Rush Medical Center, March 1995).

Other

1. Co-Chairperson, Platform Presentations, Neuroepidemiology Section, Annual AAN Meeting, Boston, MA, April 1991.
2. Chairperson, Platform Presentations, Cerebrovascular Session, WFN Research Group in Neuroepidemiology, Boston, MA, April 1991.
3. Co-Chairperson, Platform Presentations, Neuroepidemiology Session, Annual AAN Meeting, San Diego, CA, May 1992.
4. Abstract Reviewer for Scientific Sessions, 45th Annual Meeting, American Academy of Neurology.

5. Chairperson, Platform Presentations, Neuroepidemiology Section Annual AAN meeting, New York, NY, April 1993.
6. Steering Committee Member, Evaluation of the Efficacy and Safety of Eliprofil in Patients with Acute Ischemic Stroke (protocol LESO 1), 1993 -.
7. AAN Task Force for Prevention of Neurologic Disease, 1995 - 1999.
8. Abstract Review AHA 68th Scientific Sessions, 1995.
9. Abstract Review 1997 AAN Annual Meeting
10. Invited Speaker: Breakfast Seminar 21st International Joint Conference on Stroke and Cerebral Circulation: Lipid lowering is valuable for stroke prevention (1/27/96).
11. Advisory Committee Member, WASID Multicenter Trial.
12. Invited Participant, AHA Prevention Conference IV, Tuscon, Arizona, April 1996.
13. Member, National Stroke Association's Stroke Prevention Advisory Board (1997 - ).
14. Co-Chairperson, Platform Presentations, Neuroepidemiology and Stroke, Annual AAN Meeting, Boston, MA, April 15, 1997.
15. Member, Bruce S. Schoenberg Award Subcommittee, 1997 - 1999.
16. Advisory Committee Member, WARCEF Multicenter Trial.
17. Thought Leader Panel, sponsored by the Weinberg Group, March 1998, Washington, DC.
18. Invited Participant, Novartis Foundation Symposium on "Alcohol and Cardiovascular Disease," October 1997, London, England.
19. Co-Chairperson, Platform Neuroepidemiology Session, Annual AAN Meeting, Minneapolis, MN, April 29, 1998
20. Member Writing Committee, AHA Secondary Stroke Prevention Guidelines

## Curriculum Vitae

Philip B. Gorelick, MD MPH FACP  
6540 Kolmar  
Lincolnwood, Illinois 60712

847-677-5897 (Home)  
312-432-5200 (Work)

Volume II of II (July 1, 1998 - present)  
Publications:

## Journal Articles

118. Gorelick PB: Presidential Symposium Address - Cerebrovascular disease in African Americans. *Stroke* 1998; 29: 2656-2664.
119. Gorelick PB, Leurgans S, Richardson D, Harris Y, Billingsley M, and the AAASPS Investigators. *J of Stroke and Cerebrovascular Diseases* 1998; 7: 1-11.
120. Gorelick PB, Mazzone T: Plasma lipids and stroke. *J Cardiovascular Risk* 1999; 6: 217-221.
121. Nyenhuis D, Gorelick PB: Vascular dementia: a contemporary review of epidemiology, diagnosis prevention and treatment. *JAGS* 1998 46: 1437-1448.
122. Gorelick PB, Born GVR, D'Agostino RB, Hanley DF, Hiatt WR, Moye L, Pepine CJ: Therapeutic benefit: aspirin revisited in light of the introduction of clopidogrel. *Stroke* 1999; 30: 1716-1721.
123. Gorelick PB, Sacco RL, Smith DB, et al: Prevention of a first stroke: a review of guidelines and a multi-disciplinary consensus statement from the National Stroke Association. *JAMA* 1999; 281: 1112-1120.
124. Gorelick PB, Erkinjuntii T, Hofman A, Rocca W, Skoog I, Winblad B: Prevention of vascular dementia. *ADAD* (in press).
125. Lukovits TG, Thomas K, Gorelick PB: Stroke prevention trials: How many enrollees can be expected by site? *Neurology* 1999; 52: 1101-1102.
126. Gorelick PB: Can we save the brain from the ravages of midlife cardiovascular risk factors? *Neurology* 1999; 52: 1114-1115.
127. Gorelick PB: Carotid endarterectomy: Where do we draw the line? *Stroke* 1999; 30: 1745-1750.
128. Wolf PA, Clagett GP, Easton JD, Goldstein LB, Gorelick PB, et al: Preventing ischemic stroke in patients with prior stroke and transient ischemic attack. A statement for healthcare professionals from the Stroke Council of the American Heart Association. *Stroke* 1999; 30: 1991-1994.
129. Sacco RL, Wolf PA, Gorelick PB: Risk factors and their management for stroke prevention: Outlook for 1999 and beyond. *Neurology* 1999 (Supp 4): S15-S24.
130. Writing Committee Member for Stroke Therapy Academic Industry Roundtable (STAIR): Recommendations for standards regarding preclinical neuroprotective and restorative drug development. *Stroke* 1999; 30: 2752-2758.
131. Chaturvedi S, Lukovits TG, Chen W, Gorelick PB: Ischemia in the territory of a hypoplastic vertebro-basilar system. *Neurology* 1999; 52: 980-983.
132. Thompson DW, Gorelick PB: The challenge of stroke prevention in high-risk African American and Stroke Belt populations in the next millennium. *Southern Medical Journal* (submitted).
133. Gorelick PB: Prevention of a first stroke. *Mdvista Journal of Medicine* (in press).
134. Bonner G, Gorelick PB, Prohaska T, Freels S, Theis S, Davis L: African American caregivers' preferences for life-sustaining treatment. *Journal of Ethics, Law and Aging* 1999; 5 (1): 3.

### Abstracts:

56. African American Antiplatelet Stroke Prevention Study, Clinical Trials Poster Session, 24th AHA International Conference on Stroke and Cerebral Circulation, February 5, 1999, Nashville, TN.

### Letters

12. Gorelick PB, Hanley D: Clopidogrel and its use in stroke patients. *Stroke* 1998; 29: 1737.
13. Smith DB, Gorelick P: National Stroke Association Guidelines to Prevent Stroke. *JAMA* 1999; 282: 2000-2001.

### Book Chapters and Reviews

24. Lukovits T, Gorelick PB: Stroke in Blacks. In: Management of Ischemic Stroke. A Clinical Approach. Cohen S (ed) McGraw-Hill (in press).
25. Gorelick PB, Griffith P: Late sequelae of cerebrovascular disease in African-Americans: vascular dementia. In: Stroke in Blacks, Gillum RF, Gorelick PB, Cooper ES (eds). Basel, Karger, 1999, pp 188-197.
26. Schneck MS, Chaturvedi S, Thompson D, Gorelick PB: Antiplatelet and anticoagulant therapy in stroke prevention in African Americans. In: Stroke in Blacks, Gillum RF, Gorelick PB, Cooper ES (eds). Basel, Karger, 1999, pp 167-179.
27. Gillum RF, Gorelick PB, Cooper ES (eds): Stroke in Blacks. Basel, Karger, 1999.
28. Gorelick PB: Are more subjects better in a randomized controlled trial (perspective). In: Current Review of Cerebrovascular Disease. Fisher MA, Bogousslavsky J (eds), *Current Medicine* 1999, pp 220-221.
29. Jensen TS, Gorelick PB: Headache associated with ischemic stroke and intracranial hematoma. In: The Headaches. Olesen J, Welch KMA, Tfelt-Hansen P (eds). Lippincott-Raven (in press).
30. Ford-Lynch G, Washington J, Gorelick PB: Lacunar stroke in black patients. Clinical presentation and detection. In: Stroke in Blacks, Gillum RF, Gorelick PB, Cooper ES (eds). Basel, Karger, 1999, pp 19-28.
31. Ford-Lynch G, Gorelick PB: Stroke in African Americans. *Neurologic Clinics* 2000 (in press).
32. Gorelick PB, Massaro AR: Carotid stenosis, endarterectomy, angioplasty and stents. *Journal of Cardiology (Brazil)* (in press).
33. Gorelick PB: Prevention and screening programs. In: Hachinski V, Norris JW (eds): *Prevention of Stroke*. Oxford Press (in press).
34. Gorelick PB: Stroke Prevention. In: Noseworthy J (ed): *Neurological Therapeutics. Principles and Practice*. Martin Dunitz Publishers (The Livery House), London (in press).
35. Gorelick PB: Primary and Secondary Prevention of Stroke. In: Bogousslavsky J (ed): *Drug Therapy for Stroke Prevention*. Taylor and Francis Ltd, London (in press).

36. Gorelick PB: Aspirin plus extended-release dipyridamole: A new antiplatelet agent for secondary stroke prevention. NSA Stroke Clinical Update (submitted).
37. Gorelick PB: Screening for intracranial aneurysms in first-degree relatives (commentary). N Engl J Med Journal Watch (Neurology) (in press).
38. Contributor to alcohol and Cardiovascular Diseases, Novartis Foundation Symposium 216, 1998.

Grant Applications and Funding:

- |           |  |
|-----------|--|
| 2000-2005 | African American Antiplatelet Stroke Prevention Study \$15.7 million<br>PI<br>Sponsor: NINDS (submitted) |
| 2000-2005 | Risk Markers for Dementia After Stroke<br>\$3.17 million<br>PI<br>Sponsor: NIA (submitted)               |

NIH Site Visits/Reviews:

- |      |   |
|------|---|
| 1999 | Predictors of Severity of Alzheimer's Disease (Chair) |
| 1999 | Stroke, MI and Antiphospholipid Antibodies (Chair)    |

Fellows Trained:

- |           |                 |
|-----------|-----------------|
| 1999-2000 | Sean Ruland, DO |
|-----------|-----------------|

Editorships:

- |           |   |
|-----------|---|
| 1990-1994 | Journal of Neuroepidemiology<br>(Regional Editor)                       |
| 1993-1996 | Journal of Neuroepidemiology<br>(Deputy Editor)                         |
| 1991-     | Revista Neurologica Argentina<br>(International Advisory Board)         |
| 1992-     | Clinical Neuropharmacology<br>(Section Editor, Cerebrovascular Disease) |
| 1995-     | The Journal of Mental Health and Aging<br>(Associate Editor)            |
| 1997-2000 | Journal of Neuroepidemiology<br>(Editor-in-Chief)                       |
| 1997-     | Neurology<br>(Editorial Board)  |

1997- Cerebrovascular Disease  
(Editorial Advisory Board)

Manuscript Reviewer:

1987, '89, '92-'97,  
'99 Journal American Medical Association

1987-1996 Stroke

1999 American Journal of Hypertension

1999 New England Journal of Medicine

1998 Journal of Neurological Sciences

1999 Cerebrovascular Diseases

1999 Journal of the National Medical Association

1988 Archives of Ophthalmology

1988-1997 Neurology

1989 Annals of Neurology

1990-1997 Journal of Neuroepidemiology

1990 Patient Care

1991-1997 Clinical Neuropharmacology

1992 ACP Journal Club

1992 Cephalalgia

1993, 1995,  
1996 Journal of Clinical Epidemiology

1993-1995,  
1998 Archives of Neurology

1994, 1995,  
1997, 1998 Annals of Internal Medicine (rated in top 30% of reviews)

1995 Journal Neurology

1996 Southern Medical Journal

1998 - 1999

1. Relationship Between Hypertension and Stroke in Persons of African Ancestry, 25th Annual Convention of the AMHE, Chicago, IL July 25, 1998.

2. Stroke Prevention, Grand Rounds, Department of Neurology, University of Wisconsin, Madison, WI, August 14, 1998.
3. Epidemiology of Stroke and Vascular Dementia, International Conference on Cerebrovascular Disease, Buenos Aires, Argentina, August 28, 1998.
4. Antiplatelet Therapy and the CAPRIE Trial, Final Results of the NASCET Study, Vascular Dementia, Hyperlipidemia, Brazilian Academy of Neurology, Sao Paulo, August 29 - September 3, 1998.
5. Cerebrovascular Disease in African Americans, Stroke Update 1998, University of Mississippi School of Medicine, Jackson, Miss, September 12, 1998.
6. Burden of Stroke Overall and in Different Ethnic Populations, 3rd Annual Meeting Advances in Stroke Management, Crete, Greece, October 4, 1998.
7. Prevention of Vascular Dementia, 3rd International Conference on Harmonization of Dementia Drug Guidelines: the Osaka Conference on Vascular Dementia 1998, Osaka, Japan, October 7-9, 1998.
8. Course Director, AAN Acute Stroke Management Workshop, Lake Forest, IL October 24, 1998.
9. Vascular Dementia, XV Peruvian Congress of Psychiatry, Lima, Peru, November 18-21, 1998.
10. Evaluation of the Stroke Prone Patient, Advances in the Prevention of Cardiovascular Disease, Raleigh, NC, December 12, 1998.
11. Stroke Risk Factors, Health Science Center for CME, St. Louis, MO, November 30, 1998.
12. Stroke Risk Factors, Preventing and Treating Ischemic Stroke: Emerging Strategies, Miami, FL, November 14, 1998.
13. Vascular Dementia, Southern Clinical Neurological Society, Curacao, January 19, 1999.
14. Consensus Conference Participant on Preclinical Assessment of Potential Stroke Therapies, Orlando, FL, March 6-7, 1999.
15. Secondary Prevention of Stroke in the Elderly, Cardiovascular Disease in Older Patients, Chicago, Illinois, December 7, 1998.
16. AAN Course 3 Pc. 001, Topics in the Neurology of Alcoholism, 51st Annual Meeting AAN, Toronto, CA, April 19, 1999.
17. AAN Course, Cerebrovascular Disease, 51st Annual Meeting AAN, Toronto, CA, April 24, 1999.

1999 - 2000

1. Racial Disparities in Stroke, 14th Annual Interdisciplinary Conference on Hypertension in Blacks, July 12, 1999, Toronto, CA
2. Carotid Endarterectomy: Where Do We Draw the Line? Joint Neurology/Neurosurgery Grand Rounds,

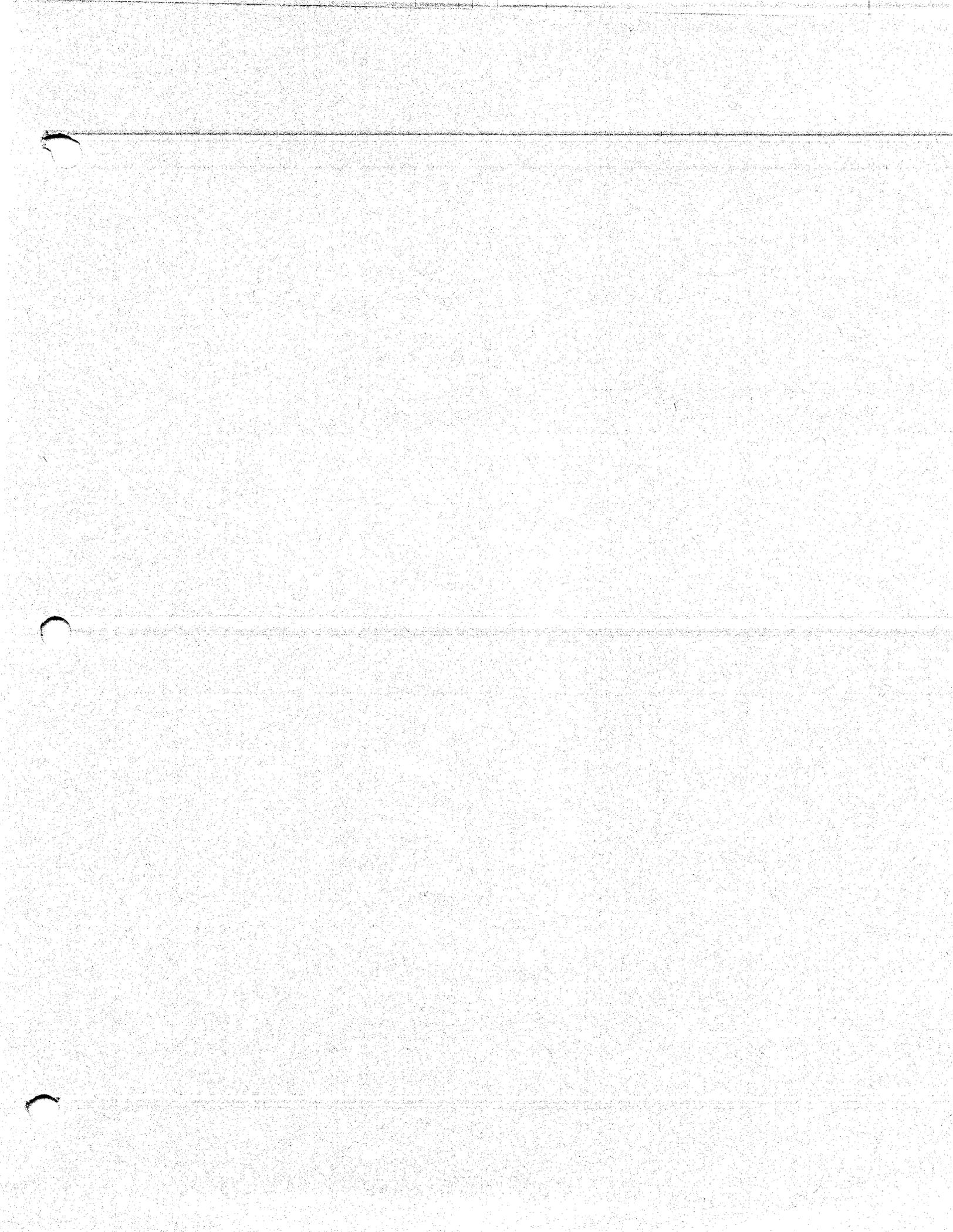
Rush Medical Center, August 5, 1999.

3. Stroke Prevention Guidelines - The Pivotal Role of the Family Physician. September 18, 1999, Orlando, FL.
4. Management of Vascular Dementia: Satellite Symposium at the First International Congress on Vascular Dementia, Geneva, Switzerland, October 3-6, 1999.
5. Prevention of Vascular Dementia. Plenary Session, First International Congress on Vascular Dementia, Geneva, Switzerland, October 3-6, 1999.
6. Cognitive Health and Cardiovascular Disease Risk Factors. Cognitive Neurology and Alzheimer's Disease Center Seminars, Northwestern Medical School, October 14, 1999.
7. Stroke Risk Factor Management. AHA Advances in Stroke Management Seminar, St. Louis, MO, November 5, 1999.
8. New Treatments for Ischemic Stroke
  1. St. Therese Hospital, November 4, 1999
  2. West Suburban Hospital, November 17, 1999
  3. Lutheran General Hospital, November 17, 1999
9. Key Note Lecture: Stroke Epidemiology and risk factors, 12th Annual Scientific Meeting of the Hong Kong Neurological Society, December 5, 1999, Hong Kong, China.

Other

21. Advisory Committee, WFN-Research Group in Neuroepidemiology (1998 - )
22. Committee Member, AHA 1999-2000 Scientific Meeting for Stroke and Cerebral Circulation
23. Working Group Member AHA Cardiovascular Outcomes Research Committee (1998 - 1999)
24. Chair, Writing Committee, AAN Stroke and Vascular Neurology Fellowship Curriculum (1998 - 1999).
25. Steering Committee Member, Biology of Intracranial Atherosclerosis Study (BIAS), Barney Stern, MD PI.
26. Committee Member, AAN/AHA Joint Stroke Guidelines Development Group Meeting (1998 - 1999).
27. Member, Carotid Endarterectomy Quality Measures Panel, Mark Chassin, MD PI, 1998.
28. Scientific Advisory Board, Vascular Dementia Conference 1999, Geneva, Switzerland, October 3-6, 1999.
29. Speaker, AAN Annual Meeting, Topics in the Neurology of Alcoholism - Alcohol and Stroke, April 19, 1999.
30. Speaker AAN Annual Meeting, Cerebrovascular Disease Course - Stroke Prevention, April 24, 1999.

31. Invited Speaker, The National Cerebrovascular Fellowship: Stroke Forum, New Stroke Risk Factors and Statistical Methods, Palm Beach, FL, February 16-18, 1999.
32. Member, Scientific Advisory Board, 22nd Princeton Conference on Cerebrovascular Disease, 2000.
33. Conference Cochairperson, Stroke Drug Development: Bridging the Gap from Animal Research to Human Trials, Orlando, FL, March 6-7, 1999.
34. Co-Chair, AAN Platform Session, S52, Neuroepidemiology - Stroke, April 21, 1999, Toronto, CA.
35. Abstract Reviewer, 71st Scientific Sessions, AHA.
36. Co-Chair, Quality Improvements for Stroke Care, 24th AHA International Conference on Stroke and Cerebral Circulation, February 4, 1999, Nashville, TN.
37. Co-Chair, Community/Risk Factors Session, 24th AHA International Conference on Stroke and Cerebral Circulation, February 6, 1999, Nashville, TN.
38. Member, AHA Midwest Affiliate's Stroke Planning Task Force, 1999.
39. Member, VA Stroke Quality Research Enhancement Initiative (QUERI), Acute Stroke Management Panel, Durham, NC, March 10, 1999.
40. Member, AAN Bruce Schoenberg Award Subcommittee, 1999.
41. Member, WFN-Research Group in Neuroepidemiology Executive Committee, 1999.
42. Faculty Member, AAN Quintessentials for Stroke Prevention for the Practicing Neurologist, 1999.



CURRICULUM VITAE

Name: Lewis Henry Kuller, MD, DrPH, MPH  
 Birthdate: January 9, 1934  
 Birthplace: Brooklyn, New York  
 Citizenship: United States  
 Social Security No.: 104-26-6284  
 Business Address: University of Pittsburgh  
 Graduate School of Public Health  
 Department of Epidemiology  
 130 DeSoto Street  
 Pittsburgh, PA 15261  
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 E-Mail: kuller+@pitt.edu

Home Address: 101 Fairway Lane  
 Pittsburgh, PA 15238  
 Telephone: (412) 963-7371

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EDUCATION AND TRAININGUndergraduate

Hamilton College, Clinton, New York	BA 1955
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Graduate

George Washington University	MD 1959
Johns Hopkins University, School of Hygiene and Public Health	MPH 1964
Johns Hopkins University, School of Hygiene and Public Health	DrPH 1966

Post Graduate

Intern in Medicine - Maimonides Hospital, Brooklyn, New York	1959-60
Assistant Resident in Medicine - Maimonides Hospital, Brooklyn, New York	1960-61
Resident Preventive Medicine - Johns Hopkins, School of Hygiene and Public Health	1964-65
Fellow - Robert Wood Johnson Health Policy Fellowship	1983-84

## APPOINTMENTS AND POSITIONS

University Professor of Public Health, University of Pittsburgh	1997
Professor and Chairperson - Department of Epidemiology, University of Pittsburgh, Graduate School of Public Health	1972-present
President - Armed Forces Epidemiological Board Department of Defense	1994-96
Associate Director for the Epidemiology and Preventive Oncology Division of the Pittsburgh Cancer Institute	1990-1998
Member - Armed Forces Epidemiological Board Department of Defense	1991-94
Faculty - Summer Program in Epidemiology, University of Minnesota (Program moved to the Univ. of Michigan)	1967-present
Associate Professor - Department of Preventive Medicine, University of Maryland, School of Medicine	1971-72
Professor - Department of Epidemiology, Johns Hopkins, School of Hygiene and Public Health	1971-72
Associate Professor - Department of Epidemiology, Johns Hopkins, School of Hygiene and Public Health	1970-71
Instructor, Department of Preventive Medicine, University of Maryland, School of Medicine	1967-71
Associate Professor - Chronic Diseases, Johns Hopkins, School of Hygiene and Public Health	1968-71
Assistant Professor - Chronic Diseases, Johns Hopkins, School of Hygiene and Public Health	1966-68
Medical Officer - United States Navy	1961-63

## MEMBERSHIPS IN PROFESSIONAL AND SCIENTIFIC SOCIETIES

President, Society for Epidemiological Research - 1995-1996

President-Elect, Society for Epidemiological Research - 1994-1995

President, American Epidemiological Society - 1989-1990

Secretary, Section N (Medicine), American Association for the Advancement of Science, 1990-1994

Fellow - American Association for the Advancement of Science - 1999

Member-at-Large of the Section Committee, American Association for the Advancement of Science, 1987-1990

President, American College of Epidemiology, 1985-1986

Member, Organizing Committee, Epidemiological Research Society

Chairman, Epidemiology Section, American Public Health Association, 1975

Member, Epidemiology Study Section, National Institutes of Health, 1976-1981

Member of the 1989 Surgeon General's Report Writing Group

Member, Endocrinologic and Metabolic Drugs Advisory Committee of the Food and Drug Administration, August 1, 1988 to June 30, 1993

Member, American Geriatrics Society

Member, Association of Black Cardiologists, Inc.

Member, Board of Trustees of Harmarville Affiliates, Inc., and Harmarville Rehabilitation Center, Inc., July 1987-July 1993

Member, American Heart Association, Pennsylvania Affiliate - Research Peer Review Committee

Fellow, Council on Epidemiology, American Heart Association

Fellow, Council on Cerebrovascular Disease, American Heart Association

Fellow, American College of Cardiology

Diplomat, American Board of Preventive Medicine

Association of Teachers of Preventive Medicine

Fellow, American College of Preventive Medicine

Fellow, American Public Health Association

Governing Council, American Public Health Association

International Epidemiological Association

Member, Allegheny County Board of Health, 1980-1986

Chairman, Publications and Presentations Committee: MRFIT, 1979-1982

Member, Scientific Advisory Committee for the Environmental Disease Surveillance Program in New York State, 1981

Member, Scientific Advisory Board for the American Health Foundation, 1981

Affiliate Board of Directors, American Diabetes Association, 1982-1985

Member, American Society for Bone and Mineral Research 1996-

Member, The Biometric Society, 1986

Member, Editorial Board for the Journal of Acquired Immune Deficiency Syndromes, 1988

Associate Editor, American Journal of Epidemiology

Associate Editor, Preventive Medicine

Member, Editorial Board, American Journal of Medicine

Member, Editorial Board, American Heart Association, Circulation

Member, Editorial Board, Stroke Journal

Member, Editorial Board, Journal of Chronic Diseases

Member, Editorial Board, Journal of Cardiac Rehabilitation Member

Associate Editor, Arteriosclerosis, Thrombosis and Vascular Biology

Member, Editorial Board of Hypertension

Reviewer, Archives of Internal Medicine

Member, Editorial Board of Preventive Cardiovascular Medicine

Member, Editorial Board for the Clinical Journal of Women's Health

## HONORS

1997 University Professor of Public Health

1994 Chancellor's Distinguished Research Award, University of Pittsburgh

Johns Hopkins University Society of Scholars, 1991

Abraham Lilienfeld Award (American College of Epidemiology) 1988

MERIT (Method to Extend Research in Time) Award, National Institutes of Health, N  
National Heart, Lung, and Blood Institute, 1986

Alumni Achievement Award, George Washington University, 1985

Centennial Scholar, Johns Hopkins University

Established Investigatorship, American Heart Association, 1969-1973

## PUBLICATIONS

Kuller LH. Hormone replacement therapy and coronary heart disease. A new debate. *Med Clin North Am* 2000;84:181-198.

Forest KYZ, Becker DJ, Kuller LH, Wolfson SK, Orchard TJ. Are predictors of coronary heart disease and lower-extremity arterial disease in type 1 diabetes the same? A prospective study. *Atherosclerosis* 2000;148:159-169.

Greenland P, Abrams J, Aurigemma GP, Bond MG, Clark LT, Criqui MH, Crouse JR III, Friedman L, Fuster V, Herrington DM, Kuller LH, Ridker PM, Roberts WC, Stanford W, Stone N, Swan J, Taubert KA, Wexler L (writing group III). Prevention Conference V. Beyond secondary prevention: Identifying the high-risk patient for primary prevention. Noninvasive tests of atherosclerotic Burden. *Circulation* 2000;101:e16-e22.

Pietropaolo M, Barinas-Mitchell E, Pietropaolo SL, Kuller LH, Trucco M. Evidence of islet cell autoimmunity in elderly patients with Type 2 diabetes mellitus. *Diabetes* 2000;49:1-7.

Sekikawa A, Kuller LH. Coronary heart disease mortality in the United States among black and white men 35-44 years old by state. *CVD Prevention* 1999;2:212-221.

Sekikawa A, Kuller LH, Ueshima H, Park JE, Suh I, Jee SH, Lee HK, Pan WH. Coronary heart disease mortality trends in men in the post World War II birth cohorts aged 35-44 in Japan, South Korea and Taiwan compared with the United States. *Int J Epidemiol* 1999;28:1044-1049.

Kuller LH, Sutton-Tyrrell K, Matthews KA. Blood pressure levels and measurement of subclinical vascular disease. *J Hypertens* 1999;17(suppl 5):S15-S19.

Kamboh MI, Manzi S, Mehdi H, Fitzgerald S, Sanghera DK, Kuller LH, Atson CE. Genetic variation in apolipoprotein H ( $\beta$ 2-glycoprotein I) affects the occurrence of antiphospholipid antibodies and apolipoprotein H concentrations in systemic lupus erythematosus. *Lupus* 1999;8:742-750.

Kuller LH. Invited Commentary: Circular epidemiology. *Am J Epidemiol* 1999;150:897-903.

Salamone LM, Cauley JA, Zmuda J, Pasagian-Macaulay, Epstein RS, Ferrell RE, Black DM, Kuller LH. Apolipoprotein E gene polymorphism and bone loss: estrogen status modifies the influence of apolipoprotein E on bone loss. *J Bone Miner Res* 2000;15:

Raikkone K, Matthews KA, Kuller LH. Anthropometric and psychosocial determinants of visceral obesity in healthy postmenopausal women. *Internatl J Obesity* 1999;23:775-782.

Salamone LM, Cauley JA, Black DM, Simkin-Silverman L, Lang W, Gregg E, Palermo, Epstein RS, Kuller LH, Wing. Effect of a lifestyle intervention on bone mineral density in premenopausal women: a randomized trial. *Am J Clin Nutr* 1999;70:97-103.

Psaty BM, Boineau R, Kuller LH, Leupker RV. The potential costs of upcoding for heart failure in the United States. *Am J Cardiol* 1999;84:108-109.

Sekikawa A, Kuller LH. (Letter) Why heart disease mortality is low in France? *Br Med J* 1999;319:255.

Barzilay JI, Spiekerman CF, Wahl PW, Kuller LH, Cushman M, Furberg CD, Dobs A, Polak JF, Savage PJ. Cardiovascular disease in older adults with glucose disorders: comparison of American Diabetes Association criteria for diabetes mellitus with WHO criteria. *Lancet* 1999;354:622-625.

Kuller LH. (Editorial) Serum levels of IL-6 and development of disability in older persons. *J Am Geriatrics Soc* 1999;47:755-756.

Kuller LH. Variance and Dissent - Rejoinder to Enstrom's Response. *J Clin Epidemiol* 1999;52:835-836.

Kuller LH, Matthews KA, Sutton-Tyrrell K, Edmundowicz D, Bunker CH. Coronary and aortic calcification among women 8 years after menopause and their premenopausal risk factors. The Healthy Women Study. *Arterioscler Thromb Vasc Biol* 1999;19:2189-2198.

Haan MN, Shemanski L, Jagust WJ, Manolio TA, Kuller L. The role of ApoE  $\epsilon$ 4 in modulating effects of other risk factors for cognitive decline in elderly persons. *JAMA* 1999;282:40-46.

Grundy SM, Cleeman JI, Rifkind BM, Kuller LH for the Coordinating Committee of the National Cholesterol Education Program. Cholesterol lowering in the elderly population. *Arch Intern Med* 1999;159:1670-1678.

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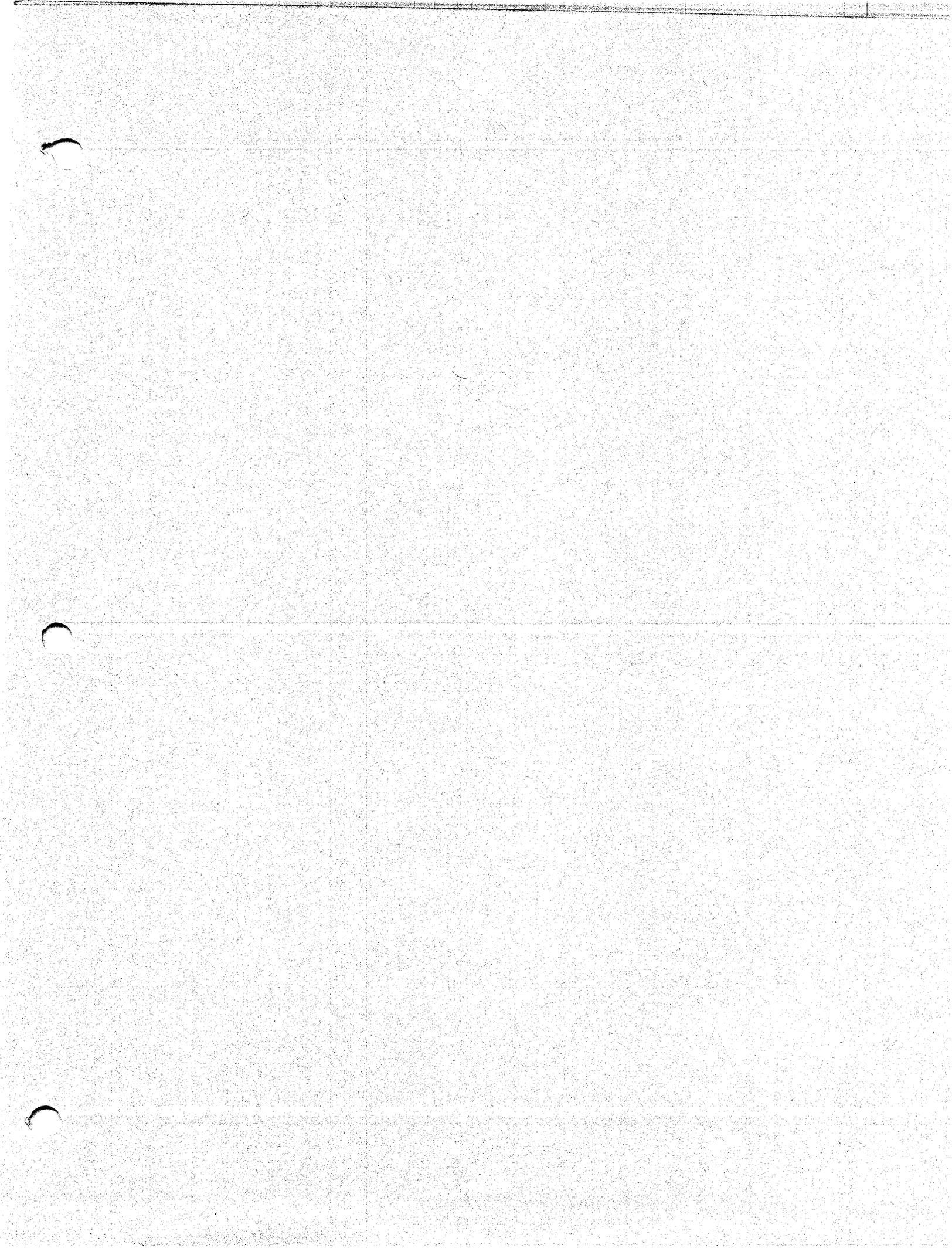
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CURRICULUM VITAE

Robert B. Wallace

I. Personal Data

Date of Preparation: April 5, 2000

A. Citizenship Status: United States

B. U.S. Social Security Number: 323-34-0849

II. Education

<u>Year</u>	<u>Degree</u>	<u>Institution</u>
1964	B.S.M.	Northwestern University Medical School Chicago, IL
1967	M.D.	Northwestern University Medical School Chicago, IL
1972	M.Sc.	State University of New York at Buffalo (Epidemiology) Buffalo, NY

III. Postgraduate Education

<u>Year</u>	<u>Position</u>	<u>Institution</u>
1967-68	Intern	Cornell University Hospitals Internal Medicine
1968-69	Resident	Cornell University Hospitals Internal Medicine

IV. Academic Appointments

<u>Year</u>	<u>Position</u>	<u>Institution</u>
1969-1970	Instructor	Emory University School of Medicine Dept. of Medicine
1970-1972	Instructor	State University of New York at Buffalo Dept. of Social and Preventive Medicine

R. Wallace

1972-1975	Assistant Professor	Depts. of Preventive Medicine & Environmental Health, and Internal Medicine, College of Medicine The University of Iowa
1975-1979	Associate Professor	Depts. of Preventive Medicine & Environmental Health, and Internal Medicine, College of Medicine The University of Iowa
1976-1985	Director, Epidemiology Section	Department of Preventive Medicine and Environmental Health, College of Medicine The University of Iowa
1979-	Professor	Depts. of Preventive Medicine & Environmental Health, and Internal Medicine, College of Medicine The University of Iowa
1985-1986	Professor and Acting Head	Department of Preventive Medicine and Environmental Health College of Medicine The University of Iowa
1986-1994	Head	Department of Preventive Medicine and Environmental Health College of Medicine The University of Iowa
1994-1998	Director	Cancer Center The University of Iowa Hospitals and Clinics
1999-	Professor	College of Public Health, est. 1999 The University of Iowa Iowa City, IA

V. Other Employment Pertaining to Current Professional Appointments

<u>Year</u>	<u>Position</u>	<u>Institution</u>
1969-72	Epidemic Intelligence Service Officer	Center for Disease Control U.S. Public Health Office

R. Wallace

VI. Certification and Licensure (state and number)

A. Certification:

<u>Board</u>	<u>Date</u>	<u>Number</u>
American Board of Preventive Medicine	1974 1996	Diplomate Fellow

B. Licensure:

<u>State</u>	<u>Date</u>	<u>Perm./Temp.</u>	<u>Number</u>	<u>Renewal Date</u>
Iowa	1972	Perm.	18838	10/98

License to practice medicine and surgery

C. Other: None

VII. Professional Affiliations (including offices held)

<u>Year</u>	<u>Affiliation</u>
1970-	American Public Health Association
1971-	Association of Teachers of Preventive Medicine
1972-	American Heart Association
1972-	Society for Epidemiologic Research
1973-	American College of Preventive Medicine, Member
1977	Fellow, Epidemiology Council, AHA
1978-	Member, American College of Preventive Medicine
1983-86	Member, Board of Directors, ATPM
1985-	American Epidemiological Society
1985-87	Chair, Epidemiology Section, American Public Health Association
1994-99	Member, Health Promotion and Disease Prevention Board, Institute of Medicine, National Academy of Sciences
1996	Fellow - American College of Preventive Medicine
1996-02	Regent for the Midwest, American College of Preventive Medicine

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VIII. Areas of Research Interest

- Epidemiology of Aging
- Cancer Epidemiology and Control
- Clinical Preventive Medicine
- Survey Research
- Prevention of Disability

IX. Current Projects

- Epidemiology of Older American Populations
- Chronic Disease Prevention in Older Women
- Fracture Prevention in Women
- Cancer Control in the Community
- Prevention of Disability in Older Persons
- Education on Alzheimer's Disease for Health Professionals

X. Teaching Activities

Classroom, Seminar, or Teaching Laboratory

<u>Year</u>	<u>Course Title and Number</u>	<u>No. Reg.</u>	<u>Length</u>	<u>% For Which Responsible</u>
1972-74	63:158 Intro. to Epidemiology	20	2 s.h.	25
1972-84	63:109 Community Health (Medical students)	175	2 s.h.	20-80
1972-	Director of Medical Student Senior Year Program	2	4-52 wks.	100
1972-	10-20 Guest Lectures in other Departments within the University per year			
1974-77	63:181 Intro. to Organizational Delivery of	22	2 s.h.	100

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Health Services

1975-78	63:158 Intro. to Epidemiology	20	2 s.h.	15
1975-	63:258 Advanced Epi. Methods	20	3 s.h.	30
1976-80	63:205 Epid. Applic. Hlth. Svcs.	10	3 s.h.	40
1984-89	Course Director, Sophomore Medical Student Elective in International Health			
1987-93	Seminar in Epidemiology in Aging	12	1 s.h. 2 Semesters	100
1996-98	Case-Based Learning M1's, M2's	7	2 s.h.	100

Clinical Teaching (in ward, clinic, or operating room)

<u>Year</u>	<u>Where Teaching Occurred</u>	<u>Weeks/Year</u>	<u>Hours/Week</u>
1972-85	Physical Diagnosis every third year	6	6
1973-85	Muscatine Migrant Health Program	6	5
1974-80	Medical Outpatient Clinic	8	20
1981-84	Medical Outpatient Clinic	50	4

XI. Teaching Activities (other than classroom or clinical)

Conferences, Grand Rounds, Journal Clubs, etc.

<u>Year</u>	<u>Type of Activity</u>	<u>Weeks/Year</u>	<u>Hours/Week</u>
1972-99	Conference Presentations	10	1
1977-99	Epidemiology and Biometry Fellows	52	1
1977-99	Journal Club and Research Conference	5	1

Teaching Committee (years, name, approximate number of hours/year)

<u>Year</u>	<u>Name</u>	<u>Approximate Hours/Year</u>
1972-77	Curriculum Committee, Dept. of Preventive Medicine	50 (total)

R. Wallace

1972-75 Seminar Committee, Dept. of Preventive Medicine

1978-86 Graduate Admissions Committee  
Dept. of Preventive Medicine

1996-98 Master's Examination Committee  
Dept. of Preventive Medicine

Student Counseling (years, number of students, approximate hours/year)

<u>Year</u>	<u>Name</u>	<u>Approximate Hours/Year</u>
1972-	Advisor for eight graduate students and one-two post-doctoral students	50 (total)

Formal Study to Improve Teaching Abilities (e.g., course in education, Toastmaster's Club, etc.)

1976 Conference on Programmed Instruction

Current Research Concerning Teaching (e.g., methods, evaluation, etc.)

None

Bibliography Concerning Teaching (e.g., textbook contributions, articles on the topic of teaching, etc.)  
These should also be listed in Section XX, Bibliography.

None

Other (including development of curriculum or new teaching materials, methods of evaluation, program supervision, etc.)

None

XII. Other Professional Activities (boards, editorships, etc.)

<u>Year</u>	<u>Activity</u>
1977	Ad Hoc Member, National Heart, Blood and Lung Institute Training Grant Study Section
1978	Ad Hoc Committee to Evaluation Criteria for Epidemiologic Studies presented to Federal Regulatory Agencies, Society for Epidemiological Research
1979-83	Member, Epidemiology and Disease Control Study Section, National Institute of Health
1981	Member, Board of Directors, Illinois Cancer Council
1984-87	Member, Executive Committee, Society for Epidemiologic Research
1984-88	Member, Board of Directors, Association of Teachers of Preventive Medicine

R. Wallace

- 1985-87 Chair, Epidemiology Section, American Public Health Association
- 1986-98 Editorial Board, American Journal of Epidemiology
- 1987- Editorial Board, American Journal of Preventive Medicine
- 1988-90 Editorial Board, Journal of Health and Aging
- 1988-92 Member, Clinical Applications and Prevention Advisory Committee, National Heart, Lung and Blood Institute
- 1990- Member, Task Force on Safety and Mobility of Older Drivers, Transportation Research Board
- 1990-96 Member, U.S. Preventive Services Task Force, DHHS
- 1994-97 Member, National Advisory Council on Aging, National Institute on Aging, NIH

XIII. Clinical Activities

- A. Inpatient: Periodic substitution for attending physicians on general medical wards
- B. Outpatient: General Internal Medicine Continuity of Care Clinic, 1972-86
- C. Other: Muscatine Migrant Health Program and the Free Medical Clinic, 1972-86

XIV. Collegiate, University and National Committees

<u>Year</u>	<u>Organization</u>
1974-76	Member, Sub-Committee on the Fourth Year of the Medical Curriculum
1974-77	Medical Education Committee, College of Medicine
1977	Chairman, Sub-Committee on the Fourth Year of the Medical Curriculum
1978	Chairman, Screening Sub-Committee, Admissions Committee
1978	Member, Training Grant Study Section, NHLBI
1978-80	Member, Curriculum Admissions Committee, College of Medicine
1979-83	Member, Epidemiology and Disease Control Study Section, NIH
1981-82	Member, University Committee on International Education
1982-	Member, Preventive Medicine Test Committee, National Board of Medical Examiners
1982-	Member, Clinical Research Center Protocol Review Committee, College of Medicine

R. Wallace

1983-84 Chairman, University of Iowa Advisory Committee on International Education  
1984 Member, Breast Cancer Task Force, National Cancer Institute  
1985-87 Chair, Advisory Committee, The University of Iowa Center for Health Services Research  
1987-89 Breast Cancer Working Group, National Cancer Institute  
1988-1992 Member, Clinical Applications and Prevention Advisory Committee National Heart, Lung and Blood Institute

XV. Honors and Awards

AOA

Lilienfeld Award for Excellence in Teaching of Epidemiology, American Public Health Association

Irene Ensminger Stecher Cancer Professorship, University of Iowa, 1999

XVI. Financial Resources (grants and contracts)

	<u>Title</u>	<u>Period</u>	<u>Total Amount</u>
A. Federal:			
	NIA 5 P50 AG05681 Washington University ADRC Subcontract Principal Investigator	05/01/95 - 04/30/00	\$274,981
	NIH N01 WH 3 2102 WHI Study - West Co-Principal Investigator	03/15/93-09/14/05	\$11,992,543
	NIH/Univ of Michigan U01 AG12980 The Oldest Old Supplement to the Health and Retirement Survey Principal Investigator	01/01/98-12/31/98	\$39,755

R. Wallace

Wake Forest University  
Women's Health Initiative  
Memory Study (WHIMS)  
Principal Investigator  
06/01/96-05/31/02 \$175,927

NIH/Univ of Michigan  
U01 AG09740  
Health and Retirement Study  
Principal Investigator  
01/01/98-12/31/98 \$28,942

B. State: None

C. College of Medicine: None

D. Other:

Blue Cross/Blue Shield  
Mehus Asthmas Disease Project  
Principal Investigator  
02/18/98-02/18/99 \$39,000

Merck & Company  
MK-217 051-20  
Study of Oral Alendronate in  
Postmenopausal Women  
03/01/98-10/03/03 \$749,934

XVII. Physical Facilities

	<u>Room Number</u>	<u>Square Feet</u>
A. Office:	2825 SB	160
B. Laboratory:	None	
C. Other:	None	

XVIII. Personnel Currently Supervised

Approximately 50

XIX. Master's and Doctoral Theses Directed and Postdoctoral Fellows Supervised

A. Master's:

Jody Murphy, Master's Candidate in General Track, 1982-85

Susan Johnson, Master's Candidate in General Track, 1982-84

George Everett, Master's Candidate in General Track, 1982-84

R. Wallace

B. Doctoral:

Mary Ruth Stegman, Doctoral Candidate in Epidemiology, (Thesis supervised), 1975-1980

James Torner, Doctoral Candidate in Epidemiology, (Thesis supervised), 1977-1984

Jolita Leonas, Doctoral Candidate in Epidemiology, (Thesis supervised), 1980-82

Mary F. Sowers, Doctoral Candidate in Epidemiology, (Thesis supervised), 1977-85

Elizabeth Miller, Doctoral Candidate in Epidemiology, (Thesis supervised), 1981-

Jeanette Dolezal, Doctoral Candidate in Epidemiology (Thesis supervised), 1981-85

Lynn Lowe, Doctoral Candidate in Epidemiology (Thesis supervised), 1988-91

Jim Cerhan, Doctoral Candidate in Epidemiology (Thesis supervised), 1988-89

Janice Alexander, Doctoral Candidate in Epidemiology (Thesis supervised), 1993-95

C. Postdoctoral Fellows:

Dr. Ken Nicolls, Postdoctoral Fellow in Cardiovascular Epidemiology, 1976-78

David Behar, Postdoctoral Fellow in Psychiatric, Epidemiology, 1977-78

Julia Lee, Postdoctoral Fellow in Cardiovascular Epidemiology, 1977-78

Paul Pomrehn, Postdoctoral Fellow in Cardiovascular Epidemiology, 1978-80

Donald Gay, Postdoctoral Fellow in Cancer Epidemiology, 1978-79

Chuck Lynch, Postdoctoral Fellow in Cardiovascular Epidemiology, 1980-82

Gregory Burke, Postdoctoral Fellow in Cardiovascular Epidemiology, 1981-83

Andy Penziner, Postdoctoral Fellow in Endocrine Epidemiology, 1980-83

Mary Nduaguba, Postdoctoral Fellow in Epidemiology, 1986-88

Patricia Colsher, Postdoctoral Fellow in Epidemiology, 1986-88

James T. Tuten III, Postdoctoral Fellow in Epidemiology, 1988-1989

Julia Wallace, Postdoctoral Fellow in Epidemiology, 1988-1989

Daniel Chapman, Postdoctoral Fellow in Epidemiology, 1988-90

Teresa Marshall, Postdoctoral Fellow in Epidemiology, 1990-92

Diana Drake, Postdoctoral Fellow in Epidemiology, 1990-92

R. Wallace

Carolyn Turvey, Postdoctoral Fellow in Epidemiology, 1996-98

Hyesook Park, Postdoctoral Fellow in Epidemiology, 1999-00

Erika Lehmann, Postdoctoral Fellow in Epidemiology, 1999-00

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Marsh GN, Wallace RB and Whewell J. Anglo-American contrasts in general practice. Br Med J 1:1321-1325, 1976.

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Tye JB, Hartford C and Wallace RB. Survey of continuing education needs for non-emergency physicians in emergency medicine. J Am Coll Emerg Phys 7:16-19, January 1978.

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Bush T, Cowan L, Barrett-Connor E, Criqui, Karon J, Wallace R, et al. Estrogen use and all-cause mortality: Preliminary results from the lipid research clinics program follow-up study. JAMA 249(7):903-906, February 18, 1983.

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Wallace RB, Rost C, Burmeister L and Pomrehn P. Lipids and ponderosity as predictors of cancer incidence: The Iowa Lipid Research Clinic (LRC). Clinical Res 29(2):261A, 1981.

Wallace RB, Sherman BM and Bean JA. Possible interaction of obesity and exogenous estrogen use in the etiology of breast cancer. Clinical Res 29(2):261A, 1981.

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Bush T, Cowan L, Heiss G, Wallace R, Van Natta P and Hoover J. The relationship between lipids and lipoproteins and type of hysterectomy in White women: Results from the lipid research clinics (LRC) program. Circulation 64(IV):42, October 1981.

Sherman B, Wallace R and Bean J. The amenorrhea/hyperprolactinemia syndrome: A case-control study. Clinical Res 30(4):766A, 1982.

Chrischilles E and Wallace R. Nonsteroidal anti-inflammatory drugs and blood pressure in an elderly population. J Clin Res Pharmacoevidiol, 4:113-145, 1990.

Cerhan J, Chiu B, Putnam S, Parker A, Robbins M, Lynch C, Cantor K, Torner J, and Wallace R. A cohort study of diet and prostate cancer risk. Cancer Epidemiol Biomark Prev 7:175, 1998.

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Parker A, Cerhan J, Dick F, Kemp J, Wallace R, Habermann T, Sellers T, Folsom A. Smoking and risk of Non-Hodgkin Lymphoma in a Cohort of Older Iowa Women. AEP 9(7):445, 1999.

D. Reviews:

Wallace RB and Torner JC. Clinical neuroepidemiology, F. Clifford Rose (ed.). Archives of Neurology, June 1981.

Wallace RB. The leukemias: epidemiology aspects, Martha S. Linet, 293 New York:Oxford University Press, 1985. Archives of Internal Medicine 146:1897, October 1986.

E. Other: Exhibits, films, tapes, special presentations (i.e., short term visiting professorship, scientific presentations, invited lectures)

Sack DA, Donta ST, Wallace RB, Claffey TF and Sack RB. Humoral antibody responses to enterotoxigenic E. coli. Interscience Conference on Antibiotics and Anti-microbial Chemotherapy Meeting. San Francisco, California; September 13, 1974.

Wallace RB, Sherman BM, Bean JA and Treloar AE. Disorders of the menstrual cycle and breast cancer risk. Society of Epidemiology Research 8th Annual Meeting. Albany, New York; June 18, 1975.

Wallace RB and Donta AT. Seroepidemiology of enterotoxigenic E. coli in agriculturally-related occupations. 103rd Annual Meeting of the American Public Health Association. Chicago, Illinois; November 17, 1975.

Wallace RB. Association of hormone consumption with blood lipids. 9th Annual Meeting Society for Epidemiologic Research. Toronto, Ontario, Canada; June 16-18, 1976.

Spencer, Harrison C, Hicklin G, Donta S, Soundy J, Hatch M, Wallace R and Feldman RA. Enterotoxigenic Escherichia coli and rotaviruses in acute diarrhea of nonhospitalized preschool children in rural El Salvador. American Society of Tropical Medicine and Hygiene, Tropical Society Meetings. Philadelphia, Pennsylvania; November 3-5, 1976.

Wallace R. Anglo-American contrasts in the clinical epidemiology of primary care. 104th Annual Meeting of the American Public Health Association. Miami Beach, Florida; October 17-21, 1976.

R. Wallace

Wallace R. Correlation of serum estradiol and testosterone concentrations with lipid levels in men. 10th Annual meeting of the Society for Epidemiologic Research. Seattle, Washington; June 14-16, 1977.

Wallace RB. Menstrual cycle patterns and breast cancer risk factors. 105th Annual Meeting of the American Public Health Association. Washington DC; October 31-November 3, 1977.

Wallace RB. Lipid and lipoprotein associated with oral contraceptive use: The LRC program. 18th Annual Conference on Cardiovascular Disease Epidemiology. Orlando, Florida; March 13-16, 1978.

Wallace RB. Association of prior oophorectomy and estrogen consumption with estrogen receptor content of breast neoplasms. 11th Annual Meeting of the Society for Epidemiologic Research. Iowa City, Iowa; June 14-16, 1978.

Wallace RB. Organization of migrant farm workers' health programs in the U.S.A. 7th International Congress of Rural Medicine. Salt Lake City, Utah; September 18, 1978.

Wallace RB. Epidemiologic evaluation of primary care residency programs. 106th Annual Meeting of the American Public Health Association. Los Angeles, California; October 15-19, 1978.

Hill J, Van Natta P, Hoover J and Wallace RB. The impact of menopause on lipids and lipoproteins. 106th Annual Meeting of the American Public Health Association. Los Angeles, California; October 15-19, 1978.

Wallace RB. The impact of oral contraceptive and alcohol use on blood pressure. Lipid Research Clinic Scientific Session, 51st Annual Meeting of the American Heart Association. Dallas, Texas; November 13-16, 1978.

Hill J, Wallace RB, Hoover J and Van Natta P. Smoking and early menopause: the LRC program. 19th Annual Conference on Cardiovascular Disease Epidemiology, American Heart Association. New Orleans, Louisiana; March 19-21, 1979.

Wallace RB. Geographic mobility of cancer patients between incidence and death. 12th Annual Meeting of the Society for Epidemiologic Research. New Haven, Connecticut; June 13-15, 1979.

Criqui MH, Wallace RB and Heiss G. Cigarette smoking and high density lipoprotein. 52nd Annual Meeting, American Heart Association. Anaheim, California; November 12, 1979.

Wallace RB, Sherman BM, Treloar AD, Bean JA and Chang Y. Body mass and menstrual cycle patterns: relationship to breast cancer risk. Central Society Annual Meeting, American Federation for Clinical Research. Chicago, Illinois; November 1, 1979.

Wallace RB, Sherman BM, Bean JA, Treloar AE and Schlabaugh L. Epidemiologic antecedents of hysterectomy for benign disease. 107th Annual Meeting of American Public Health Association. New York, New York; November 6, 1979.

Wallace RB. Alcohol consumption and hypertension. 20th Annual Conference on Cardiovascular Disease of the Epidemiology Council of the American Heart Association, National Heart Lung and Blood Institute. San Diego, California; March 5-6, 1980.

Wallace RB, Hunninghake DB, Reiland S, Barrett-Connor E, Hoover J, Wahl P and Mackenthun A. A survey of alterations in high density lipoprotein cholesterol levels associated with prescription

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medications: The LRC program. 20th Annual Conference on Cardiovascular Disease Epidemiology of the Epidemiology Council of the American Heart Association, National Institute on Alcohol Abuse and Alcoholism. San Diego, California; March 3-4, 1980.

Gerber W, Wallace R, Lee J and Culp D. Vasectomy as a risk factor for atherosclerosis. 75th Annual Meeting of the American Urological Association. San Francisco, California; May 18-22, 1980.

Torner JC, Pearson TA, Wallace RB, Sherman BM, Buckley BH, Achuff SC and Kviterovich PO. Testosterone and coronary artery disease. Thirteenth Annual Meeting of the Society for Epidemiologic Research. Minneapolis, Minnesota; June 18-20, 1980.

Hunninghake DB, Wallace RB, Reiland S, Barrett-Connor E, Hoover J, Mackenthun A, Wahl P and Heiss G. Alterations in plasma lipid and lipoprotein levels associated with the use of benzodiazepine tranquilizers: the lipid research clinics program. Thirteenth Annual Meeting of the Society for Epidemiologic Research. Minneapolis, Minnesota; June 18-20, 1980.

Torner JC, Kassell NF, Adams HP and Wallace RB. Factors affecting prognosis in the acute period following subarachnoid hemorrhage. Cooperative Aneurysm Study. Tenth Salzburg Conference on Cerebral Vascular Disease. Salzburg, Austria; September 24-27, 1980.

Torner JC, Kassell NF, Adams HP Jr and Wallace RB. Prediction of recurrent subarachnoid hemorrhage during medical therapy. Congress of Neurological Surgeons. Houston, Texas; October 5-10, 1980.

Wallace RB, Bean JA and Sherman BM. The relationship of obesity to breast cancer risk. 108th Annual Meeting of the American Public Health Association, Detroit, Michigan, October 26, 1980.

Sherman BM and Wallace RB. Menstrual cycle patterns and breast cancer risk. National Cancer Institute Workshop on Luteal Phase Inadequacy and Breast Cancer. Bethesda, Maryland; December 9, 1980.

Criqui MH, Mebane I, Wallace RB, Heiss G and Holdbrook MJ. Multivariate determinants of adult blood pressure in nine North American populations: the lipid research clinics prevalence study. 21st Annual Conference on Cardiovascular Disease Epidemiology, Sponsored by Epidemiology Council, American Heart Association. Washington DC; March 27-28, 1981.

Wallace RB, Rost C, Burmeister LF and Pomrehn PR. Lipids and ponderosity as predictors of cancer incidence: The lipid research clinic (LRC). 21st Annual Conference on Cardiovascular Disease Epidemiology, Sponsored by Epidemiology Council, American Heart Association. Washington DC; March 27-28, 1981.

Wallace R, Barrett-Connor E, Heiss G, et al. Resting and exercise electrocardiographic changes associated with sex hormone usage: The lipid research clinics program. Fourteenth Annual Meeting of the Society for Epidemiologic Research. Snowbird, Utah; June 17-19, 1981.

Wallace RB, Sherman BM and Bean JA. Body mass and ponderosity: interactions with breast cancer risk and promotion. Breast Cancer Task Force Committee Meeting. Bethesda, Maryland; October 28, 1981.

Wahl PW, Walden CE, Knopp RH, Wallace R, Hoover JJ and Rifkind BM. Association of oral contraceptive estrogen/progestin potency with revelations in low density lipoprotein (LDL) cholesterol (C). 22nd Annual Conference on Cardiovascular Disease Epidemiology. San Antonio, Texas; March 6, 1982.

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Bush T, Cowan L, Barrett-Connor E, Criqui M, Karon J, Wallace R and Tyroler H. Reduction of all cause mortality in estrogen users: preliminary results from the lipid research clinics (LRC) program's follow-up study. 22nd Annual Conference on Cardiovascular Disease Epidemiology. San Antonio, Texas; March 6, 1982.

Wallace RB. Epidemiologic studies of water quality and cancer in Iowa: methodologic issues and current findings. SIMS Research Application Conference on Environmental Epidemiology: Risk Assessment. Alta, Utah; June 28-July 2, 1982.

Sherman B, Wallace R and Bean J. Prolactin-secreting tumors: an epidemiologic study. International Workshop, Pituitary Hyperfunction: Physiopathology and Clinical Aspects. Milan, Italy; September 9-11, 1982.

Kassell N, Torner J, Wallace R, et al. Contemporary management of ruptured intracranial aneurysms. Congress of Neurological Surgeons. Toronto, Ontario, Canada; October 3-8, 1982.

Criqui M, Wallace RB, Barrett-Connor E, Mebane I, et al. Cigarette smoking, alcohol consumption and cardiovascular mortality. The lipid research follow-up study. American Heart Association Meeting. Dallas, Texas; November 17, 1982.

Wallace RB, Kohout F and Morris MC. Problems in the epidemiologic study of the rural elderly. American Public Health Association's 110th Annual Meeting. Montreal, Quebec, Canada; November 14-18, 1982.

Wallace RB, Barrett-Connor E, Wahl P, Pomrehn P, Hunninghake G and Heiss G. Survey of prescription drug-associated hyperlipidemia in the general population: LRC program. American Public Health Association's 110th Annual Meeting. Montreal, Quebec, Canada; November 14-18, 1982.

Wallace RB. Secondary dyslipoproteinemia: Relationship to drug ingestion and abnormal clinical chemistries: lipid research clinics program. 32nd Annual Scientific Session of the American College of Cardiology. New Orleans, Louisiana; March 23, 1983.

Wallace RB. The LRC prevalence study. Workshop on the Role of Dietary Management in the Prevention or Reversal of Blood Lipid Elevations Induced by Antihypertensive Medications. Bethesda, Maryland; April 25-26, 1983.

Wallace RB, Sherman B, Bean J, Doherty L and Schlabaugh L. Case-control study of the amenorrhea/hyperprolactinemia syndrome (A.H.S.) and pituitary adenomas. 16th Annual Meeting of Society for Epidemiologic Research. Winnipeg, Canada; June 15-17, 1983.

Stegman MR, Wallace RB and Clarke WR. Morbidity and mortality in elderly hypertensive patients. 16th Annual Meeting of Society for Epidemiologic Research. Winnipeg, Canada; June 15-17, 1983.

Bush T, Cowan L, Barrett-Connor E, Criqui M, Karon J, Wallace R, Tyroler H and Rifkind B. Estrogen use and cardiovascular (CVD) mortality: the lipid research clinics (LRC) follow-up study. 16th Annual Meeting of Society for Epidemiologic Research. Winnipeg, Canada; June 15-17, 1983.

Wallace R. Cincinnati Lipid Research Center: review of epidemiological data and design, limitations and prospects. Genetic Epidemiology of Coronary Heart Disease Workshop: Past, Present and Future. St. Louis, Missouri; August 10-12, 1983.

R. Wallace

Wallace R. Epidemiology of lipids and lipoproteins. NHLBI Workshop on the Effects of Postmenopausal Replacement Estrogens on CHD Risk and All-Cause Morbidity and Mortality. Washington DC; September 13-14, 1983.

Sherman B and Wallace RB. Menstrual patterns: menarche through menopause. International Symposium on the Mechanism of Menstrual Bleeding. Edinburgh, Scotland; September 26-27, 1983.

Foley D, Wallace RB, Berkman L and Branch L. Prevalence of functional disability in three separate community elderly populations. 111th Annual Meeting of the American Public Health Association. Dallas, Texas; November 13-17, 1983.

Wallace RB, Pomrehn PR, Heiss G, et al. Prevalence of secondary dyslipoproteinemias in ten populations: the lipid research clinics program prevalence study. 111th Annual Meeting of the American Public Health Association. Dallas, Texas; November 13-17, 1983.

Goodenberger M, Wallace R, Kohout F, Lemke J and Hinrichs J. Relationship of a measure of short term memory to hypertension in the elderly: the Iowa 65+ rural health study. 111th Annual Meeting of the American Public Health Association. Dallas, Texas; November 13-17, 1983.

Lemke JH, Wallace RB, Kohout F, Drube G and Morris MC. Informative incomplete responses in a survey of the elderly. 111th Annual Meeting of the American Public Health Association. Dallas, Texas; November 13-17, 1983.

Smith I, Johnson N, Fethke C and Wallace R. Behavior of elderly Iowans recently discharged from an acute-care hospital. Thirty-Sixth Annual Scientific Meeting of the Gerontological Society of America. San Francisco, California; November 18-22, 1983.

Wallace RB. Household survey of the elderly. Drug Information Association Workshop - Geriatric Drug Use -- Clinical and Social Perspectives. Washington DC; February 27-28, 1984.

Wallace RB. Alcohol and blood pressure. Workshop on Research Directions in Treatment of Mild Hypertension. Bethesda, Maryland; May 22, 1984.

Shulan M, Wallace RB, Kohout F, Lemke J and Morris M. Prevalence and functional correlates of low back pain in the elderly: the NIA established populations for epidemiologic study of the elderly (Chairman of Aging Session, R.B. Wallace). 17th Annual Meeting of the Society for Epidemiologic Research. Houston, Texas; June 13-15, 1984.

Wallace RB. Several presentations as faculty member: U.S.A. - Federal Republic of Germany Seminar on Cardiovascular Epidemiology. Berlin, West Germany; July 15-25, 1984.

White LR, Wallace RB, Moritz D and Cook N. Sleep complaints in later life. 112th Annual Meeting of the American Public Health Association. Anaheim, California; November 11-15, 1984.

Kohout F, Wallace RB, Lemke J and Heckert A. Psychosocial correlates of functional status in the elderly: mental health and well-being. 112th Annual Meeting of the American Public Health Association. Anaheim, California; November 11-15, 1984.

Anderson RA and Wallace RB. Apoprotein A-1 associated DNA restriction fragment polymorphisms in persons with high and low HDL-cholesterol levels: results from a population study. 25th Annual Conference on Cardiovascular Disease Epidemiology, sponsored by Council on Epidemiology of the American Heart Association. Tucson, Arizona; March 7-8, 1985.

Wallace RB. Exogenous hormones, lipids and heart disease in women. Educational symposium conducted by the Iowa Center for Conferences and Searle Pharmaceuticals, Inc., Current Concepts in Obstetrics and Gynecology. Paradise Island, Nassau, The Bahamas; March 8-9, 1985.

Wallace RB. Women's intercollegiate gymnastics: rates and risks of injury. 2nd Annual National Preventive Medicine Meeting, PREVENTION 85: Assessing Risks in a Hazardous World. Atlanta, Georgia; March 28-31, 1985.

Wallace RB. Human population epidemiological studies of alcohol and elevated CHD risk. AMSA/ARUS Conference, Alcohol and Cardiovascular Disease: Implications for Clinical Practice and Research. Washington DC; April 21, 1985.

Anderson RA and Wallace RB. Apoprotein A-1 linked genetic polymorphisms associated with high density lipoprotein levels. AAP/ASCI/AFRC National Meeting. Washington DC; May 3-6, 1985.

Wallace RB. Wellness for older people. 1985 Governor's Conference on Aging. Ames, Iowa; May 20-22, 1985.

Semla TP, Helling DK, Lemke JH, Wallace RB and Kohout FJ. Misperceptions by the elderly of prescription drug purposes. Sixth Annual Meeting of the American College of Clinical Pharmacy. Orlando, Florida; July 8, 1985.

Wallace RB. Discussion of papers in the symposium. The epidemiology of aging. XIIIth International Congress of Gerontology. New York, New York; July 12-17, 1985.

Wallace RB. The 85+ population in international perspective Part II: Epidemiology. XIIIth International Congress of Gerontology. New York, New York; July 12-17, 1985.

Wallace RB, Morris MC and Kohout FJ. An epidemiologic study of rural elderly. Annual Meeting of the American Psychological Association. Los Angeles; California, August 27, 1985.

Wallace RB. Introduction to the interface of nutrition and epidemiology: cardiovascular disease. Nutritional Science and Endocrinology for Epidemiologists, A Basic Science Seminar, The American College of Epidemiology. Santa Monica, California; September 18, 1985.

Wallace RB and Blackburn Henry. Dietary guidelines for the United States to reduce heart disease and cancer: do they make sense? A National Consensus. Fourth Annual Meeting of the American College of Epidemiology. Santa Monica, California; September 19-20, 1985.

Wallace RB. Effect of estrogen and progestins on lipids and lipoproteins. Fifty-Eighth Scientific Session of the American Heart Association. Washington DC; November 12, 1985.

Foley D, Branch L, Berkman L, Wallace RB and White L. Factors associated with the prevalence of physical dysfunction among the elderly in the communities. Annual APHA Meeting. Washington DC; November 17-21, 1985.

Morris M, Kohout F, Wallace RB and Heckert A. The prevalence and disabling effects of chronic pain: the Iowa 65+ rural health study. Annual APHA Meeting. Washington DC; November 17-21, 1985.

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Wallace RB, Lemke J and Kohout F. Institutionalized and noninstitutionalized mortality rates in a rural elderly population: the Iowa 65+ rural health study. Annual APHA Meeting. Washington DC; November 17-21, 1985.

Lemke JH, Semla TP, Helling DK, Wallace RB, Kohout F and Drube GA. Perceived purposes for prescription drugs: the Iowa 65+ rural health study. Annual APHA Meeting. Washington DC; November 17-21, 1985.

LaCroix AZ, White LR, Hennekens C, Wallace RB and Leo L. Digitalis use among community dwelling elderly. Annual APHA Meeting. Washington DC; November 17-21, 1985.

Fethke C, Smith IM and Wallace RB. Recidivism and recovery: post-discharge outcomes of elderly hospitalized patients. Annual APHA Meeting. Washington DC; November 17-21, 1985.

Wallace RB. Adverse drug reaction in the elderly. Milanomedicina Congress. Milan, Italy; November 27, 1985.

Wallace RB. Risk factors for bone loss: population studies from Iowa. IPHA-IEHA Spring Meeting. West Des Moines, Iowa; April 30 and May 1, 1986.

Wallace RB. Benzodiazepine (BENZO) tranquilizer use as a risk factor for cardiovascular mortality: preliminary results. VI International Washington Spring Symposium. Washington DC; May 20-23, 1986.

Wallace RB (Chair). Issues in the research management of epidemiologic studies: introduction to the symposium. Nineteenth Annual Meeting of Society for Epidemiologic Research. Pittsburgh, Pennsylvania; June 17-20, 1986.

Wallace RB. Medication use characteristics as predictors of mortality in the elderly. Nineteenth Annual Meeting of Society for Epidemiologic Research. Pittsburgh, Pennsylvania; June 17-20, 1986.

Wallace RB, Lemke J, Kohout F and Morris MC. Cognitive function in older diabetics according to the use of insulin and oral hyperglycemic agents: the Iowa 65+ rural health study. 114th Annual Meeting of the American Public Health Association. Las Vegas, Nevada; September 28-October 2, 1986.

Lemke J, Wallace R, Kohout F, Mobily K, Leslie D and Morris MC. Recreational activities as predictors of mortality in the elderly: the Iowa 65+ rural health study. 114th Annual Meeting of the American Public Health Association. Las Vegas, Nevada; September 28-October 2, 1986.

Wallace R. How do we measure the influence of medical care? From community surveillance to clinical trials. NHLBI Workshop on Trends and Determinants of Coronary Heart Disease Mortality, National Institutes of Health. Bethesda, Maryland; December 8 and 9, 1986.

Wallace R, Cummings SR and Kelsey JL. Factors influencing the development of low bone mass and fractures: epidemiology of osteoporosis and of fractures. Osteoporosis Workshop: Research Directions in Osteoporosis, Warren Grant Magnuson Clinical Center, National Institutes of Health. Bethesda, Maryland; February 9-11, 1987.

Sowers M-F, Wallace R and Hollis B. 1,25-dihydroxyvitamin D levels associated with bone mass and report of fracture. 71st Annual FASEB Meeting. Washington DC; March 29-April 2, 1987.

Wallace RB. ATPM survey of preventive medicine departments in medical schools. PREVENTION 87: Delivering Preventive Services. Atlanta, Georgia; April 9-12, 1987.

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Collins TC and Wallace RB. Preventive medicine content in undergraduate and graduate education: ATPM knowledge and skills inventory and ACPM's residency directors' manual. PREVENTION 87: Delivering Preventive Services. Atlanta, Georgia; April 9-12, 1987.

Wallace R. Epidemiology of aging. NIA-Sponsored Meeting: An Introduction to the Demography of Aging: Current Research and New Directions. Chicago, Illinois; April 29, 1987.

Wallace RB. Correlates of health services use in the elderly: the Iowa 65+ rural health study. International Conference on Health Policy. Jerusalem, Israel; June 7-12, 1987.

Wallace RB Chairperson. Cognitive factors in epidemiologic research. Twentieth Annual Meeting of Society for Epidemiologic Research. Amherst, Massachusetts; June 16-19, 1987.

Farmer M, Wallace RB, White L, et al. Risk factors for hip fracture. Twentieth Annual Meeting of Society for Epidemiologic Research. Amherst, Massachusetts; June 16-19, 1987.

Colsher P, Dorfman LT and Wallace RB. The relationship between major and minor health problems and retirement and work status of the elderly. 1987 Public Health Conference on Records and Statistics. Washington DC; July 13-15, 1987.

Wallace RB, Colsher P, Lemke JH and Kohout FJ. The relationship of cognitive function, health status and mood to missing data and inconsistent responses in interview surveys of the elderly. 1987 Public Health Conference on Records and Statistics. Washington DC; July 13-15, 1987.

Chrischilles EA, Nduaguba M, Wallace RB and Semla TP. Psychotropic drug use and health outcomes in nursing homes. Third International Conference on Pharmacoepidemiology. Minneapolis, Minnesota; September 10, 1987.

Wallace RB. Epidemiological methods for studying disease in the oldest old. 40th Annual Scientific Meeting of The Gerontological Society of America. Washington DC; November 18-22, 1987.

Wallace RB and Colsher P. Clinical and psychobehavioral correlates of smoking and alcohol use in the elderly. 40th Annual Scientific Meeting of The Gerontological Society of America. Washington DC; November 18-22, 1987.

Wallace RB and Hunter RE. Review of epidemiologic principles and applications. American Orthopaedic Society for Sports Medicine's Educators Workshop on Sports Injury Research: The Application of Epidemiology, Statistics, and Computer Skills to the Analysis of Sports Injuries. Pine Mountain, Georgia; December 10-12, 1987.

Wallace RB. Numbers: their use and abuse. American Orthopaedic Society for Sports Medicine's Educators Workshop on Sports Injury Research: The Application of Epidemiology, Statistics, and Computer Skills to the Analysis of Sports Injuries. Pine Mountain, Georgia; December 10-12, 1987.

Wallace RB, Anderson RA, Folsom A, Sprafka MJ. Prevalence of apoprotein A-1 associated DNA polymorphisms and related lipid levels in a biracial population sample. 28th Annual Conference on Cardiovascular Disease Epidemiology. Santa Fe, New Mexico; March 17-19, 1988.

Wallace RB. Medication use in the elderly: implications for health and disease. National Institute on Aging. Bethesda, Maryland; March 30, 1988.

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Wallace RB. Cigarette smoking among the rural elderly. PREVENTION 88: Prevention and Primary Care meeting. Atlanta, Georgia; April 14-17, 1988.

Wallace RB and Colsher PL. Health and psychobehavioral correlates of alternative memory measures in the elderly. Sixtieth Annual Meeting of the Midwestern Psychological Association. Chicago, Illinois; April 28-30, 1988.

Colsher PL and Wallace RB. Developing measures of cognitive function for epidemiologic research. 21st Annual Meeting of the Society for Epidemiologic Research. Vancouver, British Columbia, Canada; June 15-17, 1988.

Wallace RB. The population-based study of the rural elderly: an epidemiologic perspective. Ministry of Health. Havana, Cuba; July 4, 1988.

Wallace RB. The quality of interview data in the elderly: an epidemiologic assessment. Institute of Gerontology. Ann Arbor, Michigan; July 13, 1988.

Chrischilles EA, Lemke JH, Wallace RB and Drube GA. Multiple analgesic drug use in an elderly population: prevalence and purpose. 4th International Conference on Pharmacoepidemiology. Minneapolis, Minnesota; September 6-9, 1988.

Wallace RB. Panel on urinary incontinence in adults. National Institutes of Health Consensus Conference. Bethesda, Maryland; October 3-5, 1988.

Colsher P and Wallace RB. Longitudinal community studies of older persons: NIA's established populations for epidemiologic studies of the elderly. 116th Annual Meeting of the American Public Health Association: Technology and Health. Boston, Massachusetts; November 13-17, 1988.

Colsher PL and Wallace RB. Health and social antecedents of elderly migration: the Iowa 65+ rural health study. Annual meeting of the American Public Health Association: Technology and Health. Boston, Massachusetts; November 13-17, 1988.

Wallace RB. Special problems in the epidemiologic study of the elderly. Drug Information Association meeting. Charleston, South Carolina; November 16, 1988.

Wallace RB, Russell D, Cutrona C, Kohout F and Lemke J. Stresses and responses in the rural elderly. Gerontology Society of America annual meeting. San Francisco, California; November 18-22, 1988.

Colsher PL, Wallace RB, Drube G and Lemke J. Morbidity and mortality in elderly men with histories of heavy drinking. 41st Annual Scientific Meeting of the Gerontological Society of America. San Francisco, California; November 18-22, 1988.

Colsher PL and Wallace RB. Accuracy of self-rated memory: implications for survey research. 41st Annual Scientific Meeting of the Gerontological Society of America. San Francisco, California; November 18-22, 1988.

Wallace RB. Biostatistician - when and why. American Orthopaedic Society for Sports Medicine's Educators Workshop on Sports Injury Research: The Application of Epidemiology, Statistics and Computer Skills to the Analysis of Sports Injuries. San Antonio, Texas; December 8-10, 1988.

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Wallace RB. Study design. American Orthopaedic Society for Sports Medicine's Educators Workshop on Sports Injury Research: The Application of Epidemiology, Statistics and Computer Skills to the Analysis of Sports Injuries. San Antonio, Texas; December 8-10, 1988.

Scherr P, LaCroix AZ, Wallace RB, et al. Smoking and mortality in the elderly. 2nd International Conference on Preventive Cardiology and the 29th Annual Meeting of the AHA Council on Epidemiology. Washington DC; June 18-22, 1989.

LaCroix AZ, Guralnik JM, Curb JD, Wallace RB, et al. Chest pain and coronary heart disease mortality in elderly men and women: the prognostic significance of non-exertional and exertional chest pain and Rose questionnaire angina. 2nd International Conference on Preventive Cardiology and the 29th Annual Meeting of the AHA Council on Epidemiology. Washington DC; June 18-22, 1989.

Wallace RB, Colsher PL, Kohout F and Lemke J. Physical, social and psychologic functional impact of heart attack and stroke in an elderly cohort. 2nd International Conference on Preventive Cardiology and the 29th Annual Meeting of the AHA Council on Epidemiology. Washington DC; June 18-22, 1989.

Wallace RB. Prevalence and correlates of heavy alcohol consumption in elderly men. XIV International Congress of Gerontology: The Old in a New World. Acapulco, Gro. Mexico; June 18-23, 1989.

Colsher PL and Wallace RB. Longitudinal changes in memory function: findings from a population-based study of community-dwelling elders. XIV International Congress of Gerontology: The Old in a New World. Acapulco, Gro. Mexico; June 18-23, 1989.

Cornoni-Huntley J, Ostfeld AM, Taylor JO, Wallace R, Blazer D, Amaducci L (Italy), Chambers LW (Canada), Simons LA (Australia), McCallum J (Australia), Heller R (Australia), van der Zaden GH (Netherlands) and Deeg DJH (Netherlands). International collaborative research: community studies with standardized methodology. XIV International Congress of Gerontology: The Old in a New World. Acapulco, Gro. Mexico; June 18-23, 1989.

Wallace RB. The epidemiologic assessment of the elderly: implications for prevention. Florida Public Health Association annual meeting. Jacksonville, Florida; September 27, 1989.

Wallace RB. Alcohol and the J-shaped curve. American College of Epidemiology Annual Scientific Meeting. Washington DC; October 5-6, 1989.

Colsher PL and Wallace RB. Alcohol consumption over a 3-year period in community dwelling elderly. 117th Annual Meeting of the American Public Health Association. Chicago, Illinois; October 22-26, 1989.

Colsher PL, Wallace RB, Loeffelholz P and Sales M. Health characteristics of older inmates in state correctional facilities. 117th Annual Meeting of the American Public Health Association. Chicago, Illinois; October 22-26, 1989.

Wallace RB and Colsher PL. The elderly living alone: functional and disease correlates of becoming co-residents. 117th Annual Meeting of the American Public Health Association. Chicago, Illinois; October 22-26, 1989.

Foley DJ, Ostfeld AM, Branch LG, Wallace RB and Cornoni-Huntley J. The association of a mini-mental state score and activities of daily living to the use of nursing home care. 117th Annual Meeting of the American Public Health Association. Chicago, Illinois; October 22-26, 1989.

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Wallace RB, Colsher PL and Pomrehn P. Longitudinal changes in smoking among the elderly. 117th Annual Meeting of the American Public Health Association. Chicago, Illinois; October 22-26, 1989.

Wallace RB and Tennstedt SL (a discussion). Symposium. Missing data in health research: non-response by elderly in different settings. 42nd Scientific Meeting of the Gerontology Society of America. Minneapolis, Minnesota; November 17-21, 1989.

Colsher PL and Wallace RB. Memory performance in a population-based study of community-dwelling elders. 42nd Scientific Meeting of the Gerontology Society of America. Minneapolis, Minnesota; November 17-21, 1989.

Wallace RB (a discussion). Symposium. Benign prostatic hypertrophy (BPH): natural history and surgical outcomes in four populations. 42nd Scientific Meeting of the Gerontology Society of America. Minneapolis, Minnesota; November 17-21, 1989.

Wallace RB. Subject recruitment in the community. 42nd Scientific Meeting of the Gerontology Society of America. Minneapolis, Minnesota; November 17-21, 1989.

Chapman DP and Wallace RB. The psychological impact of urinary incontinence on the elderly: a community-based investigation. 42nd Scientific Meeting of the Gerontology Society of America. Minneapolis, Minnesota; November 17-21, 1989.

Wallace RB. Collecting data about the oldest old: problems and procedures. 42nd Scientific Meeting of the Gerontology Society of America. Minneapolis, Minnesota; November 17-21, 1989.

Wallace RB, Colsher PL, Loeffelholz PL and Sales M. Health characteristics of aging inmates in state correctional facilities. 42nd Scientific Meeting of the Gerontology Society of America. Minneapolis, Minnesota; November 17-21, 1989.

Wallace RB (panel discussion). Research and development needed to improve the safety and mobility of older drivers. Transportation Safety Board Annual Meeting. Washington DC; January 8-9, 1990.

Wallace RB. Preventive health care for the elderly: how do you study it and how do you do it? Florida Association of County Health Officers' Meeting, Clinical Aspects of Public Health-At the Crossroads. Lake Buena Vista, Florida; January 10-12, 1990.

Wallace RB. Two approaches to exploring the compression of morbidity. Conference: Trends in the Incidence and Prevalence of Chronic Disease and Disability: A Research Agenda on the Compression of Morbidity meeting. Pacific Grove, California; March 18-20, 1990.

Wallace RB. A critique of transcultural views of health care delivery systems. Transcultural Health Care Conference. Coralville, Iowa; April 12, 1990.

Wallace RB. Risk factors for vehicular accidents in older persons. 47th Annual Meeting of the American Geriatrics Society and the 11th Annual Meeting of the American Federation for Aging Research. Atlanta, Georgia; May 17-20, 1990.

Kaye SA, Folsom AR, Prineas RJ and Wallace RB. Associations of body fat distribution and body mass index with all-cause mortality in older women. Society for Epidemiologic Research Annual Meeting. Snowbird, Utah; June 13-15, 1990.

R. Wallace

Wallace RB. Blood lipid distributions in older persons and in women: Prevalence and correlates of hyperlipidemia. National Heart, Lung and Blood Institute's Conference on Cholesterol and Heart Disease in Older Persons and in Women. Bethesda, Maryland; June 18-19, 1990.

Colsher PL, Wallace RB, Loeffelholz PL and Sales M. Health characteristics of aging inmates in state correctional facilities. American Geriatric Society Annual Meeting, (poster). Atlanta, Georgia; May 1990.

Wallace RB. Discussion of the old and oldest old: preserving high-level functioning in the elderly. Ninth Annual Scientific Meeting of the American College of Epidemiology. Los Angeles, California; August 2-3, 1990.

Wallace RB. Clinical effects of disability and aging. Fifth National Conference on Chronic Disease Prevention and Control: From 1990 to 2000. Detroit, Michigan; October 17-19, 1990.

Wallace RB. Driving and mobility. Conference on Driver Competency Assessment. San Diego, California; October 24-26, 1990.

Colsher PL, Wallace RB, Loeffelholz PL and Sales M. Health and functional characteristics of older inmates in state correctional facilities. American Public Health Association meeting. New York, New York; October 1990.

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Wallace RB and Colsher PL. The prison environment as a model for the study of community health problems. American Public Health Association meeting. New York, New York; October 1990

Wallace RB, Colsher PL and Schadle J. End-stage renal disease in the elderly: Health and functional impact. American Public Health Association meeting. New York, New York; October 1990.

LaCroix AZ, Guralnik JM, Berkman LF, Wallace RB and Evans DA. Maintaining mobility in late life: The role of smoking, alcohol consumption and physical activity. American Public Health Association meeting. New York, New York; October 1990.

LaCroix AZ, Guralnik JM, Berkman LF, Wallace RB and Evans DA. Maintaining mobility in late life: The role of incident chronic conditions over a four-year follow-up period. American Public Health Association meeting. New York, New York; October 1990.

Scholz J, Colsher P and Wallace R. Independence in driving and social participation among rural elders. Gerontology Society of America meeting. Boston, Massachusetts; November 17, 1990.

Wallace RB. Environmental correlates of specific symptoms among Parkinson's disease patients. Gerontology Society of America meeting. Boston, Massachusetts; November 17, 1990.

Chrischilles EA and Wallace R. Nonsteroidal anti-inflammatory drugs and blood pressure in an elderly population. Gerontology Society of America meeting. Boston, Massachusetts; November 18, 1990.

Colsher PL and Wallace R. Body mass and the trajectory of age-associated physical functional impairments over 6 years. Gerontology Society of America meeting. Boston, Massachusetts; November 19, 1990.

R. Wallace

Wallace RB and Colsher P. Clinical correlates of low back pain in rural elders. Gerontology Society of America meeting. Boston, Massachusetts; November 19, 1990.

Wallace RB. Too old to drive? 24th Annual Workshop of the Transportation Research Board of the National Research Council. Washington DC; January 13, 1991.

Wallace RB and Colsher P. Blood lipid and lipoprotein levels in the oldest old: A community-based study. 31st Annual Conference on Cardiovascular Disease Epidemiology. Orlando, Florida; March 15, 1991.

Munger R, Folsom AR, Kushi L, Prineas R, Romitti P, Li Y and Wallace RB. Vitamin D and calcium intake and subsequent risk of stroke in a cohort of Iowa women. 31st Annual Conference on Cardiovascular Disease Epidemiology. Orlando, Florida; March 15, 1991.

Wallace RB. Quality control issues. Sports Injuries in Youth: Surveillance Strategies. Bethesda, Maryland; April 8, 1991.

Wallace RB. Nutritional factors. Environmental Cancers: Target for Prevention meeting. Milwaukee, Wisconsin; May 4, 1991.

Wallace RB. Medical and functional risk factors for accidents among older drivers. Governor's Highway Traffic Safety Conference. Des Moines, Iowa; May 22, 1991.

Wallace RB. Rural Aging Center. Mandate 1991: Planning for Statewide Geriatric Health Care Needs. Iowa City, Iowa; March 8, 1991.

Cerhan J and Wallace R. Predictors of changes in social networks and participation among the elderly. American Public Health Association. Atlanta, Georgia; November 11, 1991.

Colsher PL and Wallace RB. Driving patterns among the elderly: Correlates of reduction and cessation. American Public Health Association meeting. Atlanta, Georgia; November 11, 1991.

Colsher PL and Wallace RB. Epidemiology of sleep problems in the elderly: A six-year study. American Public Health Association. Atlanta, Georgia; November 11, 1991.

Salive ME, Cornoni-Huntley JC, Phillips C, Guralnik J, Cohen H, Glenn R, Ostfeld A and Wallace RB. Anemia and hematologic indices in older persons. American Public Health Association meeting. Atlanta, Georgia; November 11, 1991.

Salive ME, Cornoni-Huntley JC, Phillips C, Hennekens C, Service C and Wallace RB. Smoking cessation in the elderly: results from the EPESE. American Public Health Association Meeting. Atlanta, Georgia; November 10-14, 1991.

Wallace RB and Colsher PL. Back pain in the elderly: a six-year study of correlates and consequences. American Public Health Association Meeting. Atlanta, Georgia; November 10-14, 1991.

Wallace RB, Colsher PL and Rodnitzky RL. Case-control study of rural exposures and Parkinson's disease. American Public Health Association Meeting. Atlanta, Georgia; November 10-14, 1991.

Wallace B, Colsher PL and Suter D. Prodromal symptoms of cancer in elderly men and women. American Public Health Association. Atlanta, Georgia; November 10-14, 1991.

R. Wallace

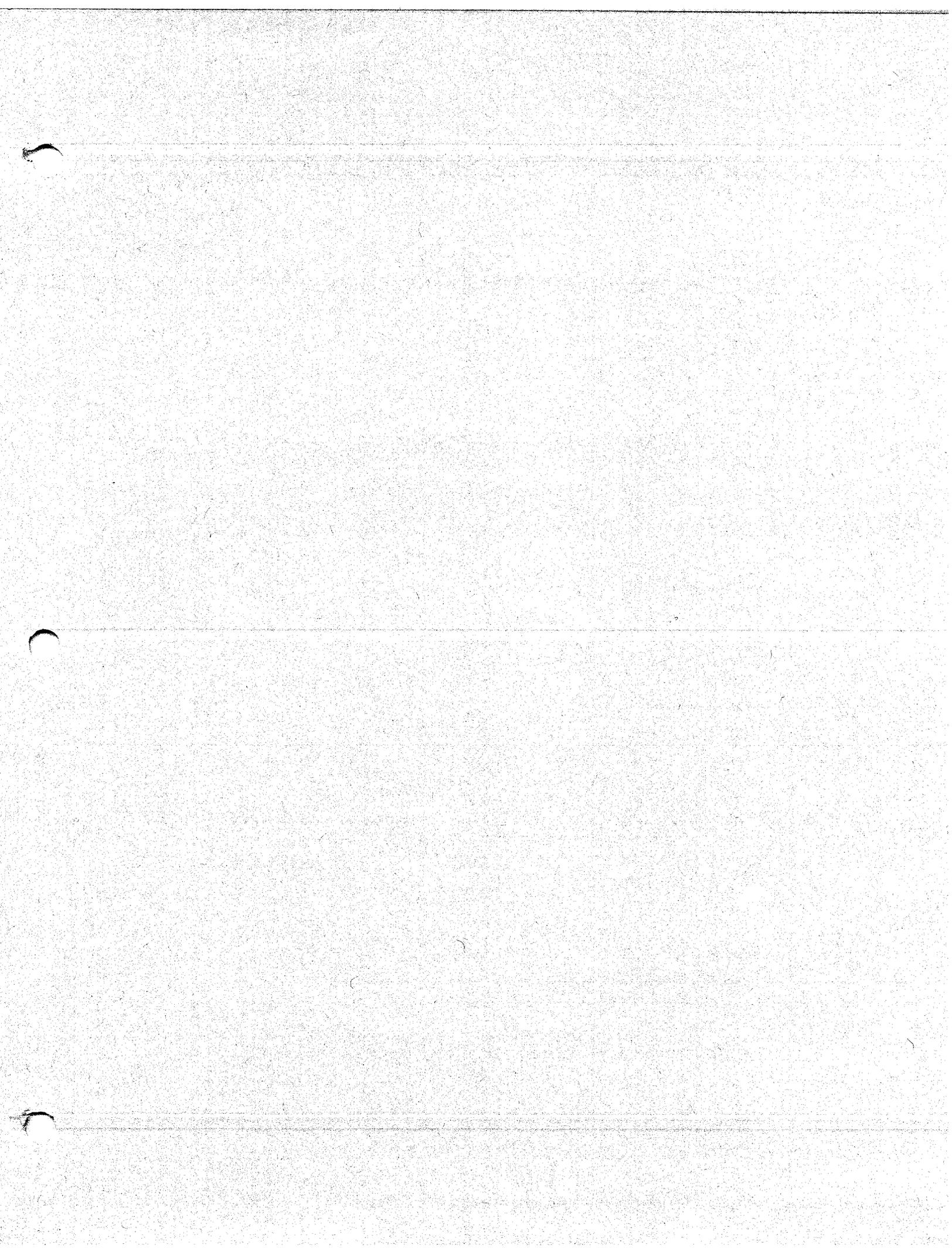
Colsher PL, Wallace RB, Loeffelholz PL and Sales M. The health status of older prisoners: A comprehensive review. Gerontological Society of America. San Francisco, California; November 24-27, 1991.

Colsher PL, Wallace RB and Rodnitzky RL. The impact of tremor and stiffness in Parkinson's disease. Gerontological Society of America. San Francisco, California; November 24-27, 1991.

Wallace RB. Measures of health conditions. Gerontological Society of America. San Francisco, California; November 24-27, 1991.

Wallace RB. Epidemiology of aging: The use of special populations. Gerontological Society of America.

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## CURRICULUM VITAE

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### Education

AB, Stanford University, Stanford CA, 1965  
MD, Stanford University, Stanford CA, 1967  
MPH, Harvard School of Public Health, Boston MA, 1969  
DrPH, Harvard School of Public Health, Boston MA, 1971  
(Epidemiology and Biostatistics)

### Positions

Epidemiologist, Office of Health Statistics Analysis, National Center for Health Statistics, Rockville MD, July 1971 - July 1973  
Head, Cancer Surveillance System, Program in Epidemiology and Biostatistics, Fred Hutchinson Cancer Research Center, Seattle WA, July 1973 - March 1975  
Assistant Member, Fred Hutchinson Cancer Research Center, Seattle WA, January 1974 - July 1976  
Associate Member, Fred Hutchinson Cancer Research Center, Seattle WA, July 1976 - June 1982  
Member, Fred Hutchinson Cancer Research Center, Seattle WA, July 1982 - Present  
Assistant Professor, Department of Epidemiology, School of Public Health and Community Medicine, University of Washington, Seattle WA, July 1973 - June 1976  
Associate Professor, Department of Epidemiology, School of Public Health and Community Medicine, University of Washington, Seattle WA, July 1976 - June 1979  
Professor, Department of Epidemiology, School of Public Health and Community Medicine, University of Washington, Seattle WA, July 1979 - Present  
Chairman, Department of Epidemiology, School of Public Health and Community Medicine, University of Washington, Seattle WA, July 1984 - June 1993

### Publications

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4. Weiss NS: The value of roentgenographic abdominal aortic calcification in predicting sites of occlusion in arteriosclerosis obliterans. *Angiology* 1972; 23:136-139.
5. Weiss NS: Premature menopause and aortoiliac occlusive disease. *J Chronic Dis* 1972; 25:133-138.
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9. Weiss NS, Green D, Krueger DE: Problems in the use of death certificates to identify sudden unexpected infant deaths. *Health Svc Rep* 1973; 88:555-558.
10. Weiss NS, Hammill PVV, Drizd T: Blood pressure levels of children 6-11 years: Relationship to age, sex, race, and socioeconomic status, United States. *Vital and Health Statistics, DHEW Pub No (HRA) 74-1617, Series 11, No 135, Washington DC, US Govt Printing Office, 1974.*
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15. Weiss NS, Szekely DR, Austin DF: Increasing incidence of endometrial cancer in the United States. *N Engl J Med* 1976; 294:1259-1262.
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