

CURRICULUM VITAE

HERMAN A. TYROLER, M.D. Alumni Distinguished Professor of Epidemiology University of North Carolina at Chapel Hill

Identifying Information

Place of Birth - Brooklyn, New York
Date of Birth - September 5, 1924

Educational Record

Ohio University, 1940-1943, A.B., Biology and Chemistry
New York University, College of Medicine, 1944-1947, M.D.

Professional Record

Lincoln Hospital, New York City, 1947-1948
Cornell University, Ithaca, New York, 1948-1949, Resident Physician in Internal Medicine
New York Medical College and Metropolitan Hospital, New York City, 1949-1951, Post Graduate Fellow and Assistant in Internal Medicine
U.S. Air Force, Patrick Air Force Base, Florida, 1951-1953, 1st Lieutenant to Captain, Medical Corps
Occupational Health Services, Asheville, North Carolina, 1953-1958, Medical Consultant and Director of Research
Health Research Foundation, Asheville, North Carolina, 1958-1960, Research Director

University Appointments

University of North Carolina at Chapel Hill, 1960-1967, Associate Professor of Epidemiology
University of North Carolina at Chapel Hill, 1967-1979, Professor of Epidemiology
University of North Carolina at Chapel Hill, 1980 to 1995, Alumni Distinguished Professor of Epidemiology; Emeritus Professor since 1995

Honors and Awards

Member, Institute of Medicine, National Academy of Sciences, 1980-
The Wade Hampton Frost Lectureship of the American Public Health Association, November 18, 1985, Washington, DC.
The John Snow Award, American Public Health Association, November 1988.
The B.G. Greenberg Award, School of Public Health, University of North Carolina, July, 1989.
The Edward G. McGavran Award for Excellence in Teaching, School of Public Health, University of North Carolina, May 1991.
Distinguished Achievement Award of the American Heart Association, November, 1994.
Ancel Keys Lecture of the American Heart Association, November, 1996.

Honorary Societies

Phi Eta Sigma
Phi Beta Kappa
Delta Omega
Sigma Xi

Professional Societies

American Heart Association, 1960 - (see next page)

American Public Health Association
Member, 1960-

Society for Epidemiologic Research
Member, Executive Committee, 1969-1970
Chairman, Executive Committee, 1970-1971

International Epidemiological Association
Member, 1969-

American Epidemiologic Society
Member, 1977

University of North Carolina Activities

Current Research Training Activities

Co-Principal Investigator NHLBI Cardiovascular Epidemiology Research Training Program

UNC School of Public Health Appointments and Promotions Committee, 1986-1989

UNC School of Public Health Strategic Planning Committee, 1986-

Journal Editorial Boards

American Journal of Epidemiology
Atherosclerosis
Arteriosclerosis, Associate Editor
Cardiovascular Reviews and Reports
Circulation
Genetic Epidemiology
Hypertension
Journal of Clinical Epidemiology
Quality of Life and Cardiovascular Care

Current Research

Co P.I.	Atherosclerosis Risk in Communities Studies
Co P.I.	Evans County Heart Disease Follow-up Study
Co P.I.	Charleston County Heart Disease Follow-up Study Epidemiologic Coordinator NHLBI, Lipid Research Clinics Follow-up Study
Co P.I.	Family Heart Study
Co P.I.	HyperGEN Study

National and International Associations and Consultant Activities

I. Cardiovascular Disease Epidemiology

American Heart Association, 1960-
Fellow, Council on Epidemiology
Member, Executive Committee Council on Epidemiology
Member, Committee on Medical Education
Member, Community Service and Education
Member, Community Service and Education Committee (N.C.)
Member, Task Force on Stroke
Member, National Research Committee, 1978-1981
Vice-Chairman, Council on Epidemiology, 1982-1983
Chairman, Council on Epidemiology, 1983-1985
Member, Council Affairs Committee, 1982-1984
Member, Scientific Publishing Committee, 1984-1985

National Heart, Lung, and Blood Institute
Lipid Research Clinics Program, 1972-
Chairman, Epidemiology Committee
Chairman, Family Studies Committee, 1972-1981
Member, Nutrition Analysis Committee
Member, USSR-US Steering Committee
Member, Israel Steering Committee
Member, Safety and Data Monitoring Board

Hypertension Detection and Follow-up Program, 1970-
Chairman, Behavioral Aspects Subcommittee
Co-Investigator, Evans County Field Center

Multiple Risk Factor Intervention Trial, 1980-1982
Member, Policy Advisory Board

Systolic Hypertension in the Elderly Program, 1980-
Member, Policy and Data Monitoring Board

US-Polish Steering Committee for Collaborative Studies in CVD,
1979-

US-Federal Republic Germany Steering Committee for Collaborative Training, 1981-

Honolulu Heart Program, 1986-1990
Chairman, Policy Advisory Board

Treatment of Mild Hypertension, 1986-1990
Member, Data and Safety Monitoring Board

II. Occupational and Cancer Epidemiology

Champion Paper Company - Consultant to Occupational Health Director, 1955-1968

New York Times - Consultant to Occupational Health Director, 1955-1972

NASA - Consultant to the Director, Division of Occupational Health, 1965-1970

The Upjohn Company - Consultant, 1972-1973

Reynolds Aluminum - Consultant, Studies in Occupational Carcinogenesis, 1977-1982

World Health Organization

International Agency for Research on Cancer

Member, Working Group on the Evaluation of Carcinogenic Risk of Chemicals:

Plastic and Synthetic Rubber Compounds, 1978

Cyclamates and Saccharin, 1979

Member, Working Group on the Evaluation of the Carcinogenic Risk of Chemicals to Humans: Some Industrial Chemicals, 1981

Member, Working Group on Chemicals and Industrial Processes Associated with Cancer in Humans, 1982

III. Epidemiology of Medical Care and Health Services Research

National Center for Health Services Research and Development

Member, Research Training Grants Committee, Community Health Services, U.S.P.H.S., 1965-1967

Member, Health Services Research Training Grant Committee, U.S.P.H.S., 1967-1969

Chairman, Epidemiologic Panel of Consultants to the National Center, 1968-1971

Member, Health Services Research Study Section, NCHSRD, HEW, 1970-1973

Co-chairman, Task Force of Epidemiology and Biostatistics Research Training, 1971-1973

North Carolina Regional Medical Program

Epidemiologic Consultant, 1967-1970

Member, Board of Directors, 1968-1970

Member, Executive Committee, 1968-1970

Task Force on Community Blood Pressure Intervention Studies, 1969 Orange-Chatham Counties

Comprehensive Health Services, Inc.

Member, Board of Directors, 1970-1973

Chairman, Scope of Services Committee, 1970-1973

Health Information System, D.I.H., Sells, Arizona

Consultant, 1969-1972

Division of Indian Health, U.S.P.H.S.

Consultant, OPSAM, 1966-1970

World Health Organization

Consultant, Division of Research in Epidemiology and Communications

Science, 1970-1971

PUBLICATIONS OF H.A. TYROLER, M.D

1. Robertson LT and Tyroler HA: Mass screening for acquired heart disease in industry. In The Heart in Industry edited by L Warshaw. New York: Paul B. Hoeber, Inc., 1960.
2. Cassel J and Tyroler HA: Epidemiological studies of culture change: I. Health status and recency of industrialization. *Arch Environ Health* 3:25-33, 1961.
3. Tyroler HA and Cassel J: Health consequences of culture change: II. The effect of urbanization on coronary heart mortality in rural residents. *J Chron Dis* 17:167-177, 1964.
4. Tyroler HA, Johnson AL, and Fulton JT: Patterns of preventive health behavior in populations. *J Health Hum Behav* 6:128-140, 1965.
5. Tyroler HA (Member of Editorial Committee): Readings in Chronic Disease. Baltimore: The Johns Hopkins Press, 1966.
6. Cassel J and Tyroler HA: Letter to the Editor. *NEJM* 274:354, 1966.
7. Tyroler HA, Goldstein D, and Benoit J: The relationship of morbidity and mortality to occupational stratification: A prospective study in a New York newspaper publishing company. Proceedings of International Congress on Occupational Health, Vienna, September 19-24, 1966.
8. Tyroler HA: Community health impact of the space industry. *Arch Environ Health* 14:246-257, 1967.
9. Tyroler HA: Epidemiologic studies using a Papago Indian population register. *Population Index* July, 1967.
10. Tyroler HA and Smith H: Epidemiology and planning for the North Carolina Regional Medical Program. *Am J Publ Health* 58:1058-1067, 1968.
11. Boyle E, Thompson C, and Tyroler HA: Prevalence of the Sickle Cell trait in adults of Charleston County, South Carolina. *Arch Environ Health* 17:891-898, 1968.
12. Tyroler HA: The classification of disease. Proceedings of a Conference on Conceptual Issues in the Analysis of Medical Care Utilization Behavior, Portland, Oregon, October 29-31, 1969.
13. Tyroler HA: Epidemiologic studies of cardiovascular diseases in three communities of the Southeastern United States. In The Community as an Epidemiologic Laboratory: A Casebook of Community Studies, edited by Irving I. Kessler, M.D. and Morton L. Levin, M.D. Baltimore, Maryland: Johns Hopkins University Press, 1970.
14. Neser WB, Tyroler HA, and Cassel JC: Social disorganization and stroke mortality in the black population of North Carolina. *Am J Epidemiol* 93:166-175, 1971.
15. Heyman A, Karp H, Heyden S, Bartel A, Cassel J, and Tyroler HA, Coroni J, Hames C, and Stuart W: Cerebrovascular disease in the biracial population of Evans County, Georgia. *Stroke* 2:509-518, 1971.
16. Tyroler HA, Borhani NO, Labarthe D, and Remington RD: The control of hypertension as a communities problem - epidemiologic perspective. In Medical Basis for Comprehensive Community Hypertension Control Programs, edited by NO Borhani, in collaboration with the special task force on Hypertension Regional Medical Programs Services, Health Service and Mental Health Administration, Public Health Service, HEW, 1971.

17. Tyroler HA, Heyden S, Bartel A, Cassel J, Coroni J, Hames C, and Kleinbaum D: Blood pressure and cholesterol as coronary heart disease risk factors. Special Issue, Evans County Cardiovascular and Cerebrovascular Epidemiologic Study. *Arch Int Med* 128:907-914, 1971.
18. Heyden S, Cassel J, Bartel A, Tyroler HA, Hames C, and Cornoni J: Body weight and cigarette smoking as risk factors. *Ibid.*, pp. 915-919.
19. Cassel J, Heyden S, Bartel A, Kaplan B, Tyroler HA, Cornoni J, and Hames C: Occupation and physical activity and coronary heart disease. *Ibid.*, pp. 920-928.
20. Bartel A, Heyden S, Tyroler HA, Tabesh E, Cassel J, and Hames C: Electrocardiographic predictors of coronary heart disease. *Ibid.*, pp. 929-937.
21. Kaplan B, Cassel J, Tyroler HA, Cornoni J, Kleinbaum D, and Hames C: Occupational mobility and coronary heart disease. *Ibid.*, pp. 938-942.
22. Kleinbaum D, Kupper L, Cassel J, and Tyroler HA: Multivariate analysis of risk of coronary heart disease in Evans County, Georgia. *Ibid.*, pp. 943-948.
23. Heyman A, Karp H, Heyden S, Bartel A, Cassel J, Tyroler HA, and Hames C: Cerebrovascular disease in the biracial population of Evans County, Georgia. *Ibid.*, pp. 949-955.
24. Heyden S, Hames C, Bartel A, Cassel J, Tyroler HA, and Cornoni, J: Weight and weight history in relation to cerebrovascular and ischemic heart disease. *Ibid.*, pp. 956-960.
25. Heyden S, Bartel A, Tabesh E, Cassel J, Tyroler HA, Cornoni J, and Hames C: Angina pectoris and the rose questionnaire. *Ibid.*, pp. 961-964.
26. Hayes C, Tyroler HA, and Cassel JC: Family aggregation of blood pressure in Evans County, Georgia. *Ibid.*, pp. 965-975.
27. Wetherbee H and Tyroler HA: The relation of migration to coronary heart disease risk factors. *Ibid.*, pp. 976-981.
28. Heyden S, Walker L, Hames C, and Tyroler HA: Decrease of serum cholesterol level and blood pressure in the community. *Ibid.*, pp. 982-987.
29. Cornoni J, Waller L, Cassel J, and Tyroler HA: The incidence study - study design and methods. *Ibid.*, pp. 896-900.
30. Cassel J, Heyden S, Bartel A, Kaplan B, Tyroler HA, Cornoni J, and Hames, C: Incidence of coronary heart disease by ethnic group, social class and sex. *Ibid.*, 901-906.
31. Patrick R and Tyroler HA: Epidemiologic studies of mortality using the Papago Indian population register. *Hum Organ* 31:163-169, 1972.
32. Patrick R and Tyroler HA: Papago Indian modernization: A community scale for health research. *Hum Organ* 31:127-135, 1972.
33. Daly M and Tyroler HA: Cornell medical index response as a predictor of mortality. *Br J Prev Soc Med* 26:159-164, 1972.
34. Heyden S, Bartel A, Tyroler HA, and Hames CG: Epidemiologic outlook in problems of hypertriglyceridemia. 1972 *Eur Med Colloq*, pp. 37-43.
35. Fisher FD and Tyroler HA: The relationship between ventricular premature contractions on routine

- electrocardiography and subsequent sudden death from coronary heart disease. *Circulation* 47:712-719, 1973.
36. Karp H, Heyman A, Heyden S, Bartel A, Tyroler HA, and Hames C: Transient cerebral ischemia: prevalence and prognosis in a biracial rural community. *JAMA* 225:125-128, 1973.
 37. Beaglehole R, Tyroler HA, Cassel J, Bartel A, Hames C, and Heyden S: Racial differences in left ventricular hypertrophy in response to high blood pressure in Evans County, Georgia. *Circulation* IV-24, 91, 1973.
 38. Johnson A, Cornoni J, Cassel J, Tyroler HA, and Hames C: Race, sex differences in blood pressure behavior in the youth of Evans County, Georgia. *Circulation* 48:IV-24, 332, 1973.
 39. Krishan I, Hames C, Tyroler HA, and Becker C: Prospective study of cord blood cholesterol to predict level of cholesterol and type II hyperlipoproteinemia in adolescence. Third International Symposium on Atherosclerosis #95, 1973.
 40. Heyden S, Tyroler HA, Hames CG, Bartel A, Thompson J, Krishan I, and Rosenthal T: Diet treatment of obese hypertensives. *Clin Sci Molecular Med* 45:209s-212s, 1973.
 41. Klein R, Klein B, Cornoni J, Maready J, Cassel J, and Tyroler HA: Serum uric acid, its relationship to coronary heart disease risk factors and cardiovascular disease, Evans County, Georgia. *Arch Int Med* 132:401-410, 1973.
 42. Borhani NO, Labarthe D, Remington R, and Tyroler HA: The control of elevated blood pressure in the community - an epidemiologic perspective. *Heart and Lung* 3:477-488, 1974.
 43. Cordle F and Tyroler HA: The use of hospital medical records for epidemiologic research: I. Differences in hospital utilization and in-hospital mortality by age-race-sex-place of residence and socioeconomic status in a defined community population. *Med Care* 12:596-610, 1974.
 44. Tyroler HA, Heyden S, and Hames CG: Weight and hypertension: Evans County studies of blacks and hypertension: Evans County studies of blacks and whites. In Epidemiology and Control of Hypertension, edited by Ogelsby Paul. New York: Stratton Intercontinental Medical Book Association, 1975. pp. 177-204.
 45. Beaglehole R, Heiss G, Tyroler HA, Cassel J, and Hames CG: Prevalence and incidence data in the assessment of the risk of coronary heart disease. *Am J Epidemiol* 102:55-62, 1975.
 46. Johnson AL, Coroni JC, Cassel J, Tyroler HA, Heyden S, and Hames CG: Influence of race, sex and weight on blood pressure behavior in young adults. *Am J Cardiol* 35:523-530, 1975.
 47. Tyroler HA, Hames CG, Krishan I, Heyden S, Cooper G, and Cassel J: Black-White differences in lipids and lipoproteins in Evans County. *Prev Med* 4:541-549, 1975.
 48. Deubner DC, Tyroler HA, Cassel J, Hames CG, and Becker C: Attributable risk, population attributable fraction of death associated with hypertension in a biracial population. *Circulation* 52:901-908, 1975.
 49. Beaglehole R, Tyroler HA, Cassel J, Deubner DC, Bartel AG, and Hames CG: An epidemiological study of left ventricular hypertrophy in the biracial population of Evans County, Georgia. *J Chron Dis* 28:549-559, 1975.
 50. Heyman A, Tyroler HA, Cassel JC, O'Fallon WM, Davis L, and Muhlbaier L: Geographic differences in mortality from stroke in North Carolina. I. Analysis of death certificates. *Stroke* 7(1):41-45, 1976.

51. Tyroler HA, Andjelkovic D, Harris R, Lednar W, McMichael A, and Symons M: Chronic diseases in the rubber industry. *Environ Health Persp* 17:13-20, 1976.
52. McMichael AJ, Andjelkovic D, and Tyroler HA: Cancer mortality among rubber workers: an epidemiologic study. In Occupational Carcinogenesis, edited by Umberto Saffiotti and Joseph K. Wagoner, pp. 125-137. Vol. 271 of Annals of the New York Academy of Sciences, 1976.
53. Heyden S, Tyroler HA, Cassel JC, Hames CG, Becker C, and Heiss G: Coffee consumption and mortality in a community study - Evans County, Georgia. *Z. Ernahrungswiss* 15:143-150, 1976.
54. Tyroler HA, Heyden S, Heiss G, Sneiderman C, Hames C, Prineas R, and Comberg H: Predictors of blood pressure over a 16-year follow-up of 163 youths. *Proceeding of Medical Horizons Symposium, Hypertension in Childhood and Adolescence*, pp. 1-10, 1976.
55. Haynes SG, McMichael AJ, and Tyroler HA: The relationship of normal involuntary retirement to early mortality among U.S. rubber workers. *Soc Sci Med* 11:105-114, 1977.
56. US-USSR Steering Committee for Problem Area 1; The Pathogenesis of Atherosclerosis: Collaborative US-USSR Study on the prevalence of dyslipoproteinemias and ischemic heart disease in American and Soviet populations. *Am J Cardiol* 40:260, 1977. (Published in Russian in *Terapevticheskii arkhiv*.)
57. Haynes SG, McMichael AJ, and Tyroler HA: Stress research in the evaluation of illness and death around normal involuntary retirement - a review. In Society, Stress and Disease: Aging and Old Age, L.L. Levy, ed. Oxford University Press. In press.
58. Keil JE, Tyroler HA, Sandifer SH, and Boyle E: Hypertension: effects of social class and racial admixture - the results of a cohort study in the black population of Charleston, South Carolina. *Am J Publ Health* 67:634-639, 1977.
59. Greene SB, Aavedal MJ, Tyroler HA, Davis CE, and Hames CG: Smoking habits and blood pressure change: a seven year follow-up. *J Chron Dis* 30:401-413, 1977.
60. US/USSR Steering Committee for Problem Area 1: The Pathogenesis of Atherosclerosis. Collaborative US-USSR study on the prevalence of dyslipoproteinemias and ischemic heart disease in American and Society populations. *Am J Cardiol* 40:260-268, 1977 and *Therapeutic Archives* (Soviet journal) #4, 1977.
61. Andjelkovic D, Tyroler HA, Herman DR, and Smith AH: Epidemiologic studies of chronic diseases in the rubber industry. Symposium Paper No. 37, Rubber Division of American Chemical Society; Cleveland, Ohio, 10/4-7/77.
62. Wallace RB, Hoover J, Sandler D, Rifkind B, and Tyroler HA: Preliminary Communications - Altered plasma-lipids associated with oral contraceptive or estrogen consumption. *Lancet* 2:11-13, July 2, 1977.
63. Tyroler HA: The Detroit project studies of blood pressure. A prologue and review of related studies and epidemiological issues. *J Chron Dis* 30:613-624, 1977.
64. Haynes SG, McMichael AJ, and Tyroler HA: Survival after early and normal retirement. *J Gerontol* 33(2):269-78, 1978.
65. Glueck CJ, Tyroler HA, Heiss G, et al: Black-White plasma lipoprotein differences in children. *Circulation* 57-58:II-31, 1978.

66. Tyroler HA and James SA: Blood pressure and skin color. (Editorial) *Am J Publ Health* 68:12, 1170-1172, December 1978.
67. Heyden S, Tyroler HA, Heiss G, Hames CG, and Bartel A: Coffee consumption and mortality: total mortality, stroke mortality and coronary heart disease mortality. *Arch Int Med* 138:1472-1475, 1978.
68. Smith A, Checkoway H, Goldsmith D, Wolf P, and Tyroler H: An analytic procedure for investigation of cancer latency in matched case-control studies illustrated with occupational data. (Abstract) *Am J Epidemiol* 108(3):226, 1978.
69. Tyroler HA, Glasunov IS, Deev AD, Williams OD, and Mowery RL: A comparison of high blood pressure prevalence and treatment status in selected US and USSR populations. First Joint US-USSR Symposium on Hypertension, Sochi, USSR, 1978, NIH Publication #79-1272, August 1979.
70. Tyroler HA, Anderson T, Chase G, Ellis L, Mowery R, and Valulick D: The lipid research clinics population-based family study. Proceedings of the Snowbird Conference on Genetic Epidemiology of Cardiovascular Disease. In Genetic Analysis of Common Diseases: Applications to Predictive Factors in Coronary Disease, edited by Charles F. Sing and Mark Skolnick. Alan R. Liss, Inc., New York, pp. 647-652, 1979.
71. Rifkind BA, Tamir I, Heiss G, Wallace RB, and Tyroler HA: Distribution of high density and other lipoproteins in selected LRC prevalence study populations: a brief survey. *Lipids* 14:1, 105-112, 1979.
72. Morrison JA, deGroot I, Kelly KA, Mellies MJ, Khoury P, Edwards BK, Lewis D, Lewis A, Fiorelli M, Heiss G, Tyroler HA, and Glueck CJ: Black-White differences in plasma lipids and lipoproteins in adults: the Cincinnati lipid research clinic population study. *Prev Med* 8:34-39, 1979.
73. Morrison JA, deGroot I, Kelly KA, Mellies MJ, Khoury P, Lewis D, Lewis A, Fiorelli M, Tyroler HA, Heiss G, and Glueck CJ: Black-White differences in plasma lipoproteins in Cincinnati schoolchildren (One-to-one pair matched by total plasma cholesterol, sex and age). *Metabol* 28:3, March 1979.
74. International Agency for Research on Cancer Working Group on the Evaluation of the Carcinogenic Risk of Chemicals to Humans (Member of Working Group, HA Tyroler, M.D.): Some monomers, plastics and synthetic elastomers and acrolein. World Health Organization International Agency for Research on Cancer, Volume 19, Lyon, France, February 1979.,
75. Gorton TA, Doerfler DL, Hulka BS, and Tyroler HA: Intrafamilial patterns of illness reports and physician visits in a community sample. *J Health Sci Behav* 20 (March):37-44, 1979.
76. Beaglehole R, LaRosa JC, Heiss G, Davis CE, Williams OD, Tyroler HA, and Rifkind BM: Serum cholesterol, diet and the decline in coronary heart disease mortality. *Prev Med* 8:538-547, September 1979.
77. Heyden S, Heiss G, Manegold C, Tyroler HA, Hames CG, Bartel AG, and Cooper G: The combined effect of smoking and coffee drinking on LDL and HDL cholesterol. *Circulation* 60:22, 1979.
78. Blum S, Arp EW Jr., Smith AH, and Tyroler HA: Stomach cancer among rubberworkers: an epidemiologic investigation. In: Dusts and Disease Pathotox Publishers, 1979.
79. The Lipid Research Clinics Program Epidemiology Committee (H.A. Tyroler, Chairman): Plasma lipid distributions in selected North American populations: the lipid research clinics program prevalence study. *Circulation* 60:427, 1979.
80. US-USSR Steering Committee for Problem Area 1: The Pathogenesis of Atherosclerosis: A comparison of high blood pressure prevalence and treatment status in selected US and USSR

populations. In First Joint US-USSR Symposium on Hypertension, Sochi, USSR. U.S. Department of Health Education, and Welfare. NIH Publication No. 79-1272, August 1979, 432-433.

81. The Lipid Research Clinics Program: The Coronary Primary Prevention Trial: Design and Implementation. *J Chron Dis* 32:609-631, 1979.
82. Tyroler HA: The John C. Cassel Memorial Symposium: An Evans County Cardiovascular Study Monograph: Introduction. *J Chron Dis* 33:4, 261, 1980.
83. Dischinger P, Tyroler HA, McDonagh R, and Hames CG: Blood fibrinolytic activity, social class and habitual physical activity: part I: a study of black and white men in Evans County, Georgia. *J Chron Dis* 33:5, 283, 1980.
84. Szczeklik A, Dischinger P, Kueppers, Tyroler HA, Hames CG, and Creagan S: Blood fibrinolytic activity, social class and habitual physical activity: part II: a study of black and white men in southern Georgia. *J Chron Dis* 33:5, 291, 1980.
85. Heiss G, Tyroler HA, Gunnels JC, McGuffin WL, and Hames CG: Dopamine-Beta-Hydroxylase in a biracial community: demographic, cardiovascular and familial factors. *J Chron Dis* 33:5, 301, 1980.
86. Tyroler HA, Heiss G, Heyden S, and Hames CG: Family follow-up study of serum cholesterol in Evans County. *J Chron Dis* 33:5, 323, 1980.
87. Tyroler HA, Heiss G, Schonfeld G, Cooper G, Heyden S, and Hames CG: Apolipoprotein A-I, A-II and C-II in black and white residents of Evans County. *Circulation* 62:249-254, 1980.
88. Heiss G, Tamir I, Davis CE, Tyroler HA, Rifkind BM, Schonfeld G, Jacobs D, and Frantz ID, Jr.: Lipoprotein-Cholesterol distributions in selected North American populations: the lipid research clinics program prevalence study. *Circulation* 61:302-315, February 1980.
89. Morrison JA, Khoury P, Kelly K, Mellies MJ, Parrish E, Heiss G, Tyroler H, and Glueck CJ: Studies of blood pressure in school children (ages 6-19) and their parents in an integrated suburban school district. *Am J Epidemiol* 111:156, 1980.
90. Smith AH, Waxweiler, RJ, and Tyroler HA: Epidemiologic investigation of occupational carcinogenesis using a serially additive expected dose model. *Am J Epidemiol* 112:6, 1980.
91. Deubner DC, Wilkinson WE, Helms MJ, Tyroler HA, and Hames CG: Logistic model estimation of death attributable to risk factors for cardiovascular disease in Evans County, Georgia. *Am J Epidemiol* 112:135, 1980.
92. Heyman A., Wilkinson WE, Heyden S, Helms MJ, Bartel AG, Karp HR, Tyroler HA, and Hames CG: Risk of stroke in asymptomatic persons with cervical arterial bruits-a population study in Evans County, Georgia. *NEJM* 302:15, 838-841, 1980.
93. Tyroler HA: Epidemiology of plasma high-density lipoprotein cholesterol levels, the lipid research clinics program prevalence study, introduction. *Circulation* 62(Supp. IV):1, 1980.
94. Halfon ST, Friedlander Y, Halperin G, Harlap S, Dennis BH, Moore MH, Mowery RL, Tyroler HA, and Williams OD: Plasma high-density lipoprotein cholesterol total cholesterol and triglyceride levels in 17-year old Jewish residents of Jerusalem: a preliminary report. *Circulation* 62 (Supp. IV):93, 1980.
95. Tyroler HA, Glueck CJ, Christensen B and Kwiterovich PO: Plasma high-density lipoprotein cholesterol comparisons in black and white populations. *Circulation* 62 (Suppl. IV):99, 1980.
96. Heiss G, Haskell W, Mowery, R, Criqui MH, Brockway M, and Tyroler HA: Plasma high-density

- lipoprotein cholesterol and socioeconomic status. *Circulation* 62(Suppl. IV):108, 1980.
97. Williams, OD, Heiss G, Beaglehole R, Dennis B, Bazzarre T, and Tyroler HA: Hyperlipidemia and nutrition--data base and trends. *Atheroscl Rev* 7:145, 1980.
 98. Heiss, G, Johnson NJ, Reiland S, Davis CE, and Tyroler HA: The epidemiology of plasma high-density lipoprotein cholesterol levels, the lipid research clinics program prevalence study, summary. *Circulation* 62(Suppl. IV):116, 1980.
 99. Tyroler HA: Hypertension. In Public Health and Preventive Medicine, edited by John M. Last. Appleton-Century-Crofts/New York, Eleventh Edition 1202, 1980.
 100. Lipid Metabolism Branch, National Heart, Lung and Blood Institute (H.A. Tyroler Chairman Epidemiology Executive Committee; Chairman Epidemiology Committee; Member Lipid Metabolism Advisory Committee). The Lipid Research Clinics Population Studies Data Book: Volume 1 The Prevalence Study. NIH Publication NO. 80-1527, 1980.
 101. Ibrahim MA, Kaplan BH, Patrick RC, Slome C, Tyroler HA, and Wilson RN: Reviews and commentary - the legacy of John C. Cassel. *Am J Epidemiol* 112(1):1-7, 1980.
 102. Heiss G, Johnson NJ, Reiland S, Davis CE, and Tyroler HA: The epidemiology of plasma high-density lipoprotein cholesterol levels. (Summary). The Lipid Research Clinics Program Prevalence Study. *Circulation* 62 (suppl IV):IV 116-136, 1980.
 103. Report of a Study by the Committee for a Planning Study for an Ongoing Study of Costs of Environment-Related Health Effects (Member H.A. Tyroler), Institute of Medicine National Academy Press, Washington, DC, January 1981.
 104. Wolf PH, Andjelkovich D, Smith A, and Tyroler H: A case-control study of leukemia in the U.S. rubber industry. *J Occup Med* 23(2):103-108, 1981.
 105. Medalie, JH, Tyroler HA, and Heiss G: High density lipoprotein cholesterol and ischemic heart disease. In Prevention and Rehabilitation of Heart Disease Chapter 2, pp. 18-47, 1981.
 106. Checkoway H, Smith AH, McMichael AJ, Jones FS, Monson RR, and Tyroler HA: A case-control study of bladder cancer in the United States rubber and tire industry. *Br J Ind Med* 38:240-246, 1981.
 107. Lippel K, Tyroler HA, Eder H, Gotto, A, Jr., and Vahouny G: Relationship of hypertriglyceridemia to atherosclerosis. *Arteriosclerosis* 1:6, 406-417, 1981.
 108. Williams OD, Rywik SL, Tyroler HA, Sznajd J, McClish DK, Ingram D, and Maciowski M: The US-Polish. Pilot Study. USA-Poland Symposium- Ischemic Heart Disease Bethesda, Maryland, March 10, 1981, NIH Publication No. 82-1273.
 109. Tyroler HA, Barrett-Conner E, Criqui M, and Williams OD: Correlates of high blood pressure in the US lipid research clinics populations. NIH Publication #82-2015, September 1982.
 110. Rifkind BM, Heiss G, Tyroler HA, and Williams OD: The epidemiology of high density lipoproteins-the Lipid Research Clinics Program Prevalence Study. Proceedings of the 4th International Meeting on Atherosclerosis, Bologna, Italy, November 23-25, 1981: Clinical Evaluation and Therapy eds. S. Lenzi and G.C. Descovich. MTP Press Limited, International Medical Publishers, Boston, Mass. 1982.
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