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CURRICULUM VITAE

Name: John Charles Cassel

Position: Alumni Distinguished Professor of Epidemiology

Address: Lakeshore Drive, Chapel Hill, North Carolina

Date and Place of Birth: October 19, 1921 at Johannesburg, S.A.

Social Security No.: 240-58-0180

Education:

University of Witwatersrand, 1939-1941, B.Sc.
University of Witwatersrand, 1942-1945, M.B.B.Ch., Int. Med.
University of North Carolina, 1952-1953, M.P.H.
Certification by American Board of Preventive Medicine, 1957.

Professional Experience:

Resident House Physician and House Surgeon, General Hospital, Johannesburg, South Africa, 1/46-12/46.
Medical Officer, Training Scheme for Health Personnel, 2/47-11/48. *UNISA SA*
Medical Officer in Charge, Folela Health Centre (Institute of Family and Community Health), 12/48-9/52. *NATAL SA*
Associate Professor, University of North Carolina, Chapel Hill, N.C., 9/54-6/59.
Professor and Chairman of Department of Epidemiology, University of North Carolina, Chapel Hill, N.C., 7/59-4/75.
Alumni Distinguished Professor of Epidemiology, University of North Carolina, 7/75 - present.

Consultant Activities and National Associations:

- ✓ Member, Institute of Medicine, National Academy of Sciences, 6/75-present.
- ✓ Chairman, Policy Advisory Board, Multiple Risk Factor Intervention Trial, NHLI, 1972-present.
- ✓ Member, Metro Center Review Committee, National Institute of Mental Health, 6/74-present.
- ✓ Member, National Board for the Robert Wood Johnson Clinical Scholar Program, 6/74-present.
- ✓ Consultant, Roche Psychiatric Service Institute, 10/74-present.
- ✓ Member, Editorial Board, Preventive Medicine, 1972-present.
- ✓ Board of Overseers, American Journal of Epidemiology, current.
- ✓ Consultant, The American Health Foundation.
- ✓ Member, The American Epidemiological Society
- ✓ Member, The American College of Preventive Medicine.
- ✓ Section Member, Council on Epidemiology and Prevention, International Society of Cardiology.

*5. Member, Ad Hoc Committee on Goals
of School Health*

- ~~I~~ Member, International Epidemiological Association.
- ✓ Fellow, American Public Health Association.
- ✓ Member, Delta Omega.
- ~~I~~ Member, The Royal Society of Health
- ✓ Member, Association of Teachers of Preventive Medicine.
- S Member, North Carolina Academy of Preventive Medicine and Public Health.

Area of Research Interest:

Health Consequences of Rapid Culture Change, Cardiovascular Diseases
Epidemiology Health Services Research.

Publications:

"A Preliminary Comparative Study of Some Bushmen and Strandloper Cranial Series." South African Journal of Science, 39 (January 1943).

"The Polela Health Center: A Progress Report," South African Medical Journal, 26 (February 9 and 16, 1944), 101-104, 132-136.

"A Comprehensive Health Program Among South African Zulus." In Health, Culture and Community. Edited by Benjamin D. Paul, Russell Sage Foundation, 1955.

✓ (With E. Page and G. Hogan.) "Economic and Social Resources Available for Indian Health Purposes - A Study of Selected Reservations in the Aberdeen Area (North Dakota, South Dakota and Nebraska) and North Carolina." Prepared for the Indian Health Division of the United States Public Health Service, June 1956.

"The Social and Cultural Implications of Food and Food Habits." American Journal of Public Health, 47 (June 1957), 732-740. (Also in Patients, Physicians and Illness. Edited by E. Gertley Jaco. Glencoe, Ill.: The Free Press, 1958. Chapter 16.)

"Guilford County Chronic Disease Survey." 1958. (Mimeographed.)

"The Characteristics of the Tuberculous." Proceedings of the Institute on Problems in Tuberculosis Control. Distributed by the North Carolina Tuberculosis Association, June 1959.

✓ (With R. Patrick and C.D. Jenkins.) "Epidemiological Analysis of the Health Implications of Culture Change: A Conceptual Model." Annals of the New York Academy of Science, 84 (1960), 938-949.

✓ (With H. A. Tyroler.) "Epidemiological Studies of Culture Change, I. Health Status and Recency of Industrialization." Archives of Environmental Health, 3 (July 1961), 25-33.

"Public Health Concepts in Mental Health." Annual Meeting of the State Mental Health Program Directors. Columbia, South Carolina, November 30-December 1, 1961. (Pamphlet).

"Industrialization and Health: Some Contributions of Epidemiology." Industrial Medicine and Surgery, 31 (February 1962), 62-66.

"Potentialities and Limitations of Epidemiology." Key Issues in the Prevention of Alcoholism. Report of the Northeast State Conference, Pittsburgh, Pennsylvania, October 22-24, 1962. (Also in Public Health Concepts in Social Work Education. Proceedings of a seminar held at Princeton University.)

"Operational Definitions in Epidemiologic Studies of Mental Disorders." Proceedings of the Technical Assistance Project. Jacksonville University, August 16-17, 1962.

Mental Disorders: A Guide to Control Methods. Prepared by the Program Area Committee on Mental Health. New York: American Public Health Association, September 1962.

"Review of Epidemiology in Nursing." Edited by Marjorie J. Corrigan and Lucile E. Cororan. American Journal of Public Health, 52 (April 1962), 709.

"Health." Proceedings of the Golden Anniversary Meetings of the North Carolina Conference for Social Service, 1962.

"The Use of Medical Records: Opportunity for Epidemiological Studies." Journal of Occupational Medicine, 5 (April 1963), 185-190.

"Uses of Private Physician's Records for Maternal Health Studies." North Carolina Medical Journal, 24 (March 1963), Article 2.

"Social and Cultural Considerations in Health Innovations." Annals of the New York Academy of Sciences, 107 (May 22, 1963), Article 2.

"Health Consequences of Culture Change. II. "The Effect of Urbanization on Coronary Heart Mortality in Rural Residents." Journal of Chronic Disease, 17 (February 1964), 167-177.

"Social Science Theories as a Source of Hypotheses in Epidemiological Research." American Journal of Public Health, 54 (September 1964), 541.

Review of Psychiatric Disorder Among the Yoruba, Cornell University Press. American Journal of Public Health, 54 (March 1964), 541.

"Contributions of Epidemiology to Community Programs in Cardiovascular Disease." The Heart and Circulation, Second National Conference on Cardiovascular Diseases, Vol. II, Washington, D.C., 1964.

(With H. A. Tyroler.) Letter to the Editor. The New England Journal of Medicine, 274 (February 1966), 354.

(With M. A. Ibrahim, C. D. Jenkins, ✓ F. R. McDonough, and C. G. Hames.)
 "Personality Traits and Coronary Heart Disease: Utilization of a Cross-Sectional Study Design to Test Whether a Selected Psychological Profile Precedes or Follows Manifest Coronary Heart Disease." Journal of Chronic Disease, 19 (March 1966), 255-271.

"Social Class and Mental Disorder." Mental Health and the Lower Social Classes. Florida State University Studies (May 1966), Chapter III, 42-53.

"Culture Change and Health: Problems of Measurement and Interpretation." Bulletin of the International Epidemiology Association, 8 (June 1966), 33-42.

Letter to the Editor. Psychosomatic Medicine, 28 (May-June 1966), 283-284.

Selective Readings on Chronic Diseases and Public Health. Editor in Chief, A. M. Lilienfeld; J. Cassel on Editorial Committee. Baltimore: Johns Hopkins Press, 1966.

"Factors Involving Sociocultural Incongruity and Change: Appraisal and Implications for Theoretical Development." Milbank Memorial Fund Quarterly, 45, Part 2 (April 1967), 41.

Review of Comparability in International Epidemiology. Edited by Acheson. American Journal of Public Health, 57 (1967), 1504.

(Contributor.) "Use of Vital and Health Records in Epidemiologic Research." Report of the U.S. National Committee on Vital and Health Statistics. National Center for Health Statistics, Department of Health, Education and Welfare, Public Health Service, 4 (1968).

(With -A. Leighton) "Epidemiology of Mental Health." In Mental Health Considerations in Public Health. Edited by Stephen E. Goldston, National Institute of Mental Health, PHS Pub. No. 1898 (May 1969). Chapter IV.

"Nationwide Cerebrovascular Disease Study, (I-IV)." American Journal of Epidemiology, 90 (December 1969), 536-585.

(With J. P. Henry) "Psychosocial Factors in Essential Hypertension - Recent Epidemiologic and Animal Experimental Evidence." American Journal of Epidemiology, 90 (1967), 171-200.

"Social Change and Health." WHO Report. WHO Meeting of Investigators in Wellington, New Zealand, February 9-14, 1970, 45-50.

"Physical Illness in Response to Stress." In Social Stress. Edited by Sol Levine and Norman A. Scotch. Johns Hopkins University: Aldine Press, 1970, Chapter VII, 189-209.

(With B. Hulka, S. J. Zyzanski ✓ and S. J. Thompson.) "Scale for Measurement of Attitudes Toward Physicians and Primary Medical Care." Medical Care, 8 (Sept.-Oct. 1970), 429-436.

(With R. Cheradame, J. R. Goldsmith, J. M. Ham, J. J. Harrington, R. J. Holstein, B. Kesic, J. A. Logan and F. Malz.) "The Epidemiological Study of Noncommunicable Diseases." From Part III, The Education and Training of Engineers for Environmental Health. World Health Organization (1970), 90-96.

(With B. Hulka, L. L. Kupper, and S. J. Thompson.) "A Method for Measuring Physicians' Awareness of Patients' Concerns." HSMHA Health Reports, 86 (August 1971), 741-751.

"Health Consequences of Population Density and Crowding." In Rapid Population Growth. Prepared by the National Academy of Sciences, Johns Hopkins Press (1971). 462-478. Chapter 12, 462-478.

The following articles were published in the Archives of Internal Medicine under the title "Evans County Cardiovascular and Cerebrovascular Epidemiologic Study."

"Summary of Major Findings of the Evans County Cardiovascular Studies." Archives of Internal Medicine, 128 (December 1971), 887-888.

"Review of 1960 through 1962 Cardiovascular Disease Prevalence Study." Archives of Internal Medicine, 128 (December 1971), 890-895.

(With S. Heyden, A. G. Bartel, H. A. Tyroler, J. C. Cornoni and C. G. Hames.) "Incidence of Coronary Heart Disease by Ethnic Group, Social Class, and Sex." Archives of Internal Medicine, 128 (December 1971), 901-906.

(With H. A. Tyroler, S. Heyden, A. G. Bartel, J. C. Cornoni, C. G. Hames, and D. Kleinbaum.) "Blood Pressure and Cholesterol as Coronary Heart Disease Risk Factors." Archives of Internal Medicine, 128 (December 1971), 907-914.

(With S. Heyden, A. G. Bartel, H. A. Tyroler, C. G. Hames, and J. C. Cornoni.) "Body Weight and Cigarette Smoking as Risk Factors." Archives of Internal Medicine, 128 (December 1971), 915-919.

(With S. Heyden, A. G. Bartel, B. H. Kaplan, H. A. Tyroler, J. C. Cornoni, and C. G. Hames.) "Occupation and Physical Activity and Coronary Heart Disease." Archives of Internal Medicine, 128 (December 1971), 920-928.

(With A. G. Bartel, S. Heyden, H. A. Tyroler, E. Tabesh, C. G. Hames.) "Electrocardiographic Predictors of Coronary Heart Disease." Archives of Internal Medicine, 128 (December 1971), 929-937.

(With B. H. Kaplan, H. A. Tyroler, J. C. Cornoni, D. G. Kleinbaum, C. G. Hames.) "Occupational Mobility and Coronary Heart Disease." Archives of Internal Medicine 128 (December 1971), 933-942.

(With D. G. Kleinbaum, L. L. Kupper, H. A. Tyroler.) "Multivariate Analysis of Risk of Coronary Heart Disease in Evans County, Georgia." Archives of Internal Medicine, 128 (December 1971). 943-948.

(With A. Heyman, H. R. Karp, S. Heyden, A. G. Bartel, H. A. Tyroler, C. G. Hames.) "Cerebrovascular Disease in the Biracial Population of Evans County, Georgia." Archives of Internal Medicine, 128 (December 1971), 949-955.

(With S. Heyden, C. G. Hames, A. Bartel, H. A. Tyroler and J. C. Cornoni.) "Weight and Weight History in Relation to Cerebrovascular and Ischemic Heart Disease." Archives of Internal Medicine, 128 (December 1971), 956-960.

(With S. Heyden, A. G. Bartel, E. Tabesh, H. A. Tyroler, J. C. Cornoni, and C. G. Hames.) "Angina Pectoris and the Rose Questionnaire." Archives of Internal Medicine, 128 (December 1971), 961-964.

(With C. G. Hames, H. A. Tyroler.) "Family Aggregation of Blood Pressure in Evans County, Georgia." Archives of Internal Medicine, 128 (December 1971), 965-975.

(With B. S. Hulka, S. J. Zyzanski, S. J. Thompson.) "Satisfaction with Medical Care in a Low Income Population." Journal of Chronic Disease, 24 (1971), 661-673.

"Psychiatric Epidemiology." In American Handbook of Psychiatry, Vol. 2. Edited by Gerald Caplan, Basic Books, 1974. Chapter 27, 401-410.

(With B. S. Hulka, L. L. Kupper.) "Determinants of Physician Utilization: Approach to a Service-Oriented Classification of Symptoms." Medical Care, 10 (July-August 1972) 300-309.

(With K. B. Nuckolls, B. H. Kaplan.) "Psychosocial Assets, Life Crisis and the Prognosis of Pregnancy." American Journal of Epidemiology, 95 (1972), pp. 431-441.

(With J. D. Beck.) "Role Inconsistency and Health Status." Social Science and Medicine, 6 (1972), 737-751.

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"Relation of the Urban Environment to Health: Implications for Prevention." George James Memorial Issue, Mt. Sinai Journal, 40 (July-August 1973) 539-550.

(With S. J. Zyzanski, B. S. Hulka.) "Scale for the Measurement of 'Satisfaction' with Medical Care: Modifications in Content, Format and Scoring," Medical Care 12 (July 1974) 611-620.

(With B. Hulka.) "Measurements of the Effectiveness and Efficiency of Primary Health-Care." In The Family Physician: Proceedings of the International Workshop on Family Medicine, September 1972 in Herzilya Israel. Vol. 4.

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"Psychosocial Factors in the Genesis of Disease." In The Challenges of Community Medicine. Edited by Robert L. Kane. New York: Springer Publishing Company (1974), 287-300.

(With R. Beaglehole, A. Bartel, C. Hames and S. Heyden.) "Racial Differences in Left Ventricular Hypertrophy in Response to High Blood Pressure in Evans County, Georgia." Circulation, 48 (1973), 992.
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"An Epidemiological Perspective of Psychosocial Factors in Disease Etiology." American Journal of Public Health, 64 (November 1974), 1040-1043.

"Psychosocial Processes and 'Stress': Theoretical Formulation." International Journal of Health Services, 4 (1974), 471-482.

"Community Diagnosis." In Community Medicine in Developing Countries. Edited by Abdel Omran. New York: Springer Publishing Co., 1974. Pp. 345-362.

(With Barbara Hulka, Lawrence Kupper, Richard Efird and James A. Burdette.) "Medication Use and Misuse: Physician-Patient Discrepancies." Journal of Chronic Diseases, 28 (1975), 7-21.

(With D. Deubner, H.A. Tyroler, C. Hames and C. Becker.) "Attributable Risk, Population Attributable Risk and Population Attributable Fraction of Death Associated with Hypertension in a Biracial Population." Circulation. In Press.

"Hypertension and Cardiovascular Disease in Migrants: A Comment." International Journal of Epidemiology, 3 (1974), 204.

(With R. Beaglehole, G. Neiss, H.A. Tyroler and C.G. Hames.) "Prevalence and Incidence Data in the Assessment of the Risk of Coronary Heart Disease." American Journal of Epidemiology 102 (July 1975), 55-62.

"Studies of Hypertension in Migrants" in Epidemiology and Control of Hypertension. Edited by Oglesby Paul. New York: Stratton Intercontinental Medical Book Corporation, 1975. Pp. 41-61.

(With H.A. Tyroler, C.G. Hames, I. Krishan, S. Heyden and G. Cooper.) "Black-White Differences in Serum Lipids and Lipoproteins in Evans County." Preventive Medicine. In Press. ~~Sec. 175~~

(With A.L. Johnson, J.C. Cornoni, H.A. Tyroler, S. Heyden and C.G. Hames.) "Influence of Race, Sex and Weight on Blood Pressure Behavior in Young Adults." The American Journal of Cardiology, 35 (April 1975), 523-530.

(With B.S. Hulka, L.L. Kupper and Fitzhugh Mayo.) "Doctor-Patient Communication and Outcomes Among Diabetic Patients." Journal of Community Health, 1 (Fall 1975), 15-27.

(With B.S. Hulka, L.L. Kupper and R.A. Babineau.) "Practice Characteristics and Quality of Primary Medical Care: The Doctor-Patient Relationship." Medical Care, 13 (October 1975), 808-820.

(With Berton H. Kaplan.) Editor, Family and Health: An Epidemiological Approach. Monograph published by the Institute for Research in Social Science, University of North Carolina, Chapel Hill.

"The Contribution of the Social Environment to Host Resistance." The 1975 Wade Hampton Frost Lecture. The American Journal of Epidemiology. In press.