

ANNUAL REPORT
DEPARTMENT OF EPIDEMIOLOGY
1958 - 1959

SECTION I - ORGANIZATION

A. Full time Faculty

1. Dr. Sidney Kark, Professor and Head of Department of Epidemiology
Recruited for a period of one year, July 1, 1958 - June 30, 1959 to
help direct the growth and reorganization of the department.
2. Dr. John Cassel, Associate Professor - Assumes Professorship and
Head of the Department of Epidemiology as of July 1, 1959.
3. Dr. Ralph Patrick, Associate Professor of Epidemiology (Cultural
Anthropology) September 1, 1958.
4. Dr. John Fulton, Professor of Public Health Dental Epidemiology,
as of July 1, 1958.
5. Dr. Edward G. McGavran, Dean of School of Public Health and
Professor of Epidemiology.

B. Full time personnel

Two secretaries

SECTION II - BUDGETS AND GRANTS

- A. Chronic Disease Division operates under training grants from the
National Institutes of Health.

Heart Institute \$16,500

Cancer Institute \$14,500

- B. State Funds \$13,000

- C. Epidemiology Training Grant from United States Public Health Service

\$25,000

SECTION III - PHYSICAL FACILITIES

There has been considerable change in physical facilities since last year. However, even with the additional space which we now have in Miller Hall, more space is needed to accommodate new faculty members and Post-Doctoral candidates.

- A. Miller Hall - Four rooms are in use now for three faculty members and a secretary. An additional two rooms up-stairs are to be used by the Department.
- B. Public Health and Medical Building - The Department has two offices in the Public Health and Medical Building but these will be given up this summer and the entire Department will move to Miller Hall.

SECTION IV - INSTRUCTIONAL ACTIVITY

A. Students

The Department of Epidemiology has initiated a program for M.P.H. candidates majoring in Epidemiology. The first student registered in this program graduates this year. In addition, a program leading to the degree of Dr. P. H. has been organized and the first student has now completed his first year in the program.

- B. The following courses for the M.P.H. and Dr. P. H. program have been accepted by the Graduate School
 - a. Program for M.P.H. Students. Three types of courses have been planned.
 - 1. Core course for all MPH Students
 - 2. Courses for special interest groups
 - 3. Courses for MPH Candidates specializing in Epidemiology
 - b. The following courses have been designed:
 - PH 104 - Principles of Epidemiology
 - PH 207 - Epidemiological Foundations for Disease Control Programs

PH 208 - Dental Epidemiology

PH 209 - Epidemiology in Public Health Family Practice

PH 210 - Comparative Epidemiology

PH 200 - Culture and Health

PH 212 - History of Epidemiology

PH 201 - Problems in Epidemiology

C. Teaching (Departmental)

PH 140 A - Social and Cultural Determinants of Health

PH 140 B - Dental Epidemiology

PH 140 C - Comparative Epidemiology

PH 140 E - Problems in Epidemiology

PH 185 - Mental Health

PH 202 - Tuberculosis Control Methods

PH 102 - Public Health Principles and Practices

PH 103 - Applied Public Health Principles and Practices

PH 301 - Research in Epidemiology

PH 305 B - Seminar in Public Health Administration

Courses have also been taught in the Dental and Medical Schools of the University of North Carolina.

SECTION V - ACTIVITIES IN THE UNIVERSITY

Dr. Cassel: Assistant Clinical Professor in the Department of Medicine

Faculty Council Representative for the Division of Health Affairs

Graduate Training Program for Sciences Basic to Human Behaviour - Planning Subcommittee.

Chairman of Project Committee for School of Public Health

Participated in teaching of Dental Epidemiology and Epidemiological Aspects of Gerontology to Dental Students.

Organizer of Chronic Disease Seminar

Participated on Manual of Procedures Committee Meeting

Dr. Patrick: Foreign Student Committee

Faculty Staff Student Affairs Committee

Dr. Fulton: Participated in teaching of Dental Epidemiology and Epidemiological Aspects of Gerontology to Dental Students.

Dr. McGavran: Advisory Board, Division of Health Affairs

Registration Committee

Board of Governors, Institute for Research in Social Science

SECTION VI - SERVICES TO STATE AND NATION

Dr. Cassel: Taught 24 hours of Public Health Epidemiology to School of Nursing Students at A & T College in Greensboro, N. C.

Member of Rehabilitation Institute Planning Committee for T. B. Institute.

Member of the Health Committee of the N. C. Conference for Social Services.

Member of the Committee on Chronic Illnesses and Aging in the State Medical Society.

Consultant to State Medical Society's Hospital Survey Project.

Member of the Subcommittee on Biostatistics of Mental Disorder of the American Public Health Association.

Consultant to Greensboro Community Council, Committee on Chronic Illness

Consultant to North Carolina Chapter of Cerebral Palsy

Consultant to State Board of Health in designing a project on the epidemiology of diabetes.

Member of the Orange-Durham County Committee on Chronic Illness

Member of the Association of Schools of Public Health Chronic Disease Training Program Directors

Dr. Patrick: Consultant to State Health Department on Study of Diabetes

Dr. Fulton: Advisory Committee for National Institutes of Mental Health

Consultant to Division of Dental Hygiene of the State Health Department

Dr. E. G. McGavran: National Budget Committee

Consultant - World Health Organization, Expert Committee on Professional and Technical Education of Medical and Auxiliary Personnel, Geneva, Switzerland

Chairman, Commission on Public Health, Southern Regional Education Board

Chairman, Committee on Undergraduate and Graduate Education, American College of Preventive Medicine

Consultant, Pilot Study of Community Health Problems, Programs, and Facilities in Durham County, North Carolina

Chairman, Awards Committee, North Carolina Public Health Association

Member, Executive Committee, North Carolina Public Health Association

Consultant - MOC Training - Indian Health Affairs

Consultant - Peruvian Project, Sanitary Engineering Training

Recruitment Committee, American Public Health Association

Chairman, Field Training Committee, American Public Health Association

Local Health Department Committee, American Public Health Association

Chairman, Editorial Board, Public Health Reports, to April 1959

Medical Advisory Committee, Iranian Foundation

Cancer Control Committee, National Institutes of Health to Jan. 1959.

Speaker, Kentucky Medical Association

Speaker, Ontario Public Health Association

Speaker, Council for Spartanburg County, South Carolina

Keynote Speaker, South Carolina Public Health Association

SECTION VII - RESEARCH PROJECTS

- A. Social and Cultural Determinants of Diabetes Mellitus
- B. Family Patterns in Dental Caries and Periodontal Disease

SECTION VIII - PUBLICATIONS

Dr. E. G. McGavran:

"The Foreign Student and Post-Graduate Public Health Courses,"
(Sixth Report of the Expert Committee on Professional and Technical
Education of Medical and Auxiliary Personnel) World Health Organization
Technical Report Series, 159 (1959), Pp. 23. (Consultant)

"The Challenge of Public Health to the Medical Man," Texas State
Journal of Medicine, 54 (September 1958), 634-639.

"The Community as the Patient of Public Health," Texas State Journal
of Medicine, 54 (October 1958), 719-723.

"Scientific Practice of Public Health," Texas State Journal of
Medicine, 54 (November 1958), 776-779.

"Medical Practice and Public Health," Bulletin of the Kentucky State
Department of Health, 32 (November-December 1958), 3-6.

"The Promise of Public Health," Canadian Journal of Public Health,
May 1959.

Dr. John Cassel:

"Guilford County Chronic Disease Survey."

Dr. Sidney Kark:

"Family and Community Practice in the Medical Curriculum," Journal of
Medical Education, (In-press).

Dr. Ralph Patrick:

"Participant Observation as Employed in the Study of a Military
Training Program," American Sociological Review, 23:6, December 1958.

Dr. John Fulton:

"Un-Operated Oral Cleft at Maturation," American Public Health
Association Journal, May 1959.

SECTION IX - SCIENTIFIC PAPERS PRESENTED

Dr. Cassel:

"Guilford County Chronic Disease Survey," presented to Greensboro
Community Council on September 25, 1958 in Greensboro, N. C.

Panel Presentation on "Modern Trends in the Family," presented to the
Family Life Council in Raleigh, N. C. on October 27, 1958.

"Chronic Illness in a North Carolina Community," presented at Community Health Workshop in Raleigh, N. C. on November 21, 1958.

"The Unmet Needs of the Chronically Ill," presented in District Meeting of Rural Health Conference in High Point, N. C. on February 6, 1959.

Panel Presentation on "Application of Epidemiological Methods to Tuberculosis Case Finding," presented to Annual Conference of N. C. Tuberculosis Association in Greensboro, N. C. on April 7, 1959.

"Guilford County Chronic Disease Survey," presented to N. C. State Medical Association in Asheville, N. C. on May 4, 1959.

"The Characteristics of the Tuberculous - Some Modern Concepts," presented at the Tuberculosis Institute at Lake Junaluska on June 28, 1959.

Dr. Kark:

"Family Diagnosis: An Exercise in Clinical Epidemiology," presented at Chronic Disease Club, University of North Carolina.

"Twenty Years in the Practice of Social Medicine," presented to the Faculty and Student Forum, School of Public Health, U. N. C.

"Medicine and Community Development in Israel," presented to Hillel Foundation, Chapel Hill, North Carolina.

"The Family in the Practice of Social Medicine," presented to a forum, School of Public Health, Harvard University, Boston, Mass.

"Health and Cultural Change," presented at a seminar in Child Psychiatry, University of North Carolina, Chapel Hill, N. C.

"Health and Cultural Change in the Social Situation of South Africa", presented at a seminar, Program of African Studies, Northwestern University, Evanston, Illinois.

Dr. Fulton:

"Un-Operated Oral Cleft at Maturation," presented at American Public Health Association in St. Louis, Missouri in October 1958.

Dr. McGavran:

"Public Health and Medical Practice," A paper read before the General Session, Kentucky State Medical Association, September 23, 1958.

"The Community as a Patient," A paper read at the Physician's Section, Kentucky State Medical Association, September 24, 1958.

"The Promise of Public Health," a paper read at the Ontario Public Health Association, September 29, 1958.

"Changing Priorities in the Public Health Program," a paper read for a symposium, Ontario Public Health Association, September 30, 1958.

"The Health of the Individual is Dependent Upon the Health of the Community," a paper read before the Delegate Assembly, Council for Spartanburg, South Carolina, December 4, 1958.

"Dimensions of Public Health," a paper read at a seminar on Contemporary Problems in Community Dental Health, Hartford, Connecticut, January 21, 1959.

"Public Health's Most Important Problem," keynote speech, South Carolina Public Health Association, May 7, 1959.

"The Health Officer's Responsibility in Community Leadership," a paper read before the Health Officer's Section, South Carolina Public Health Association, May 8, 1959.

SECTION X - NEEDS

- A. The most urgent needs in the Department are more adequate space under one roof to house faculty members, secretarial staff and Doctoral candidates. The initiation of several research projects, presently under consideration will necessitate hiring additional personnel and aggravate the existing space problem.
- B. Additional faculty members are needed. At least one well qualified physician to help carry the routine teaching load is required.