

ANNUAL REPORT

DEPARTMENT OF EPIDEMIOLOGY

July 1, 1959 - June 30, 1960

I. ORGANIZATION

A. FULL-TIME FACULTY

John Cassel, M.B.B.Ch., M.P.H., Professor and Head of Department
 John T. Fulton, D.D.S., Professor of Dental Epidemiology
 Ralph Patrick, Ph.D., Associate Professor of Epidemiology (Anthropology)

B. OTHER FULL-TIME PERSONNEL

Nancy Y. Noel, Secretary
 Helen F. Llewellyn, Secretary
 C. David Jenkins, Ph.D., Research Associate

C. OTHER PART-TIME PERSONNEL

Dr. Jacob Koomen, Visiting Professor
 Dr. William Peck, Visiting Professor
 Helen London, Research Assistant
 Kenneth Brimmer, Research Assistant

II. BUDGETS AND GRANTS

<u>SOURCE</u>	<u>PERSONNEL</u>	<u>FELLOWSHIPS TRAINEESHIPS SCHOLARSHIPS</u>	<u>NON- SALARY</u>	<u>RESEARCH AND/OR TEACHING</u>	<u>OVER- HEAD</u>	<u>TOTAL</u>
USPH-NIH	\$25,087	\$15,180	\$2,733	Teaching	\$3,445	\$46,445
USPH-NIH	12,000		1,400	Teaching	1,072	14,472
USPH-NIH	14,088		1,190	Teaching	1,222	16,500
USPH-NIH		1,200		Research	96	1,296
USPH-NIH	Supplement	5,440	625	Training	485	6,550
TOTAL	51,175	21,820	5,948		6,320	85,263

III. PHYSICAL FACILITIES

The Department of Epidemiology is located in the North wing of Miller Hall. There are six small offices for professors, 1 room used for a conference room, and an outer office used by the secretaries. The majority of courses taught by our faculty are being taught in Miller Hall. There is a great need for additional rooms to be used for classes.

IV. INSTRUCTIONAL ACTIVITIES

During the current year there have been four students majoring in the field of Epidemiology. Two of these students have completed requirements for the Degree of Master of Public Health. One student expects to receive his Dr. of Public Health this year.

A. Departmental Instructional Program in the School of Public Health

The faculty of this Department have participated in the instructional program of the School as follows:

<u>COURSE</u>	<u>NUMBER OF STUDENTS</u>
P.H. 104 - PRINCIPLES OF EPIDEMIOLOGY	112
P.H. 207 - EPIDEMIOLOGICAL FOUNDATIONS FOR DISEASE CONTROL PROGRAMS.	8
P.H. 208 - DENTAL EPIDEMIOLOGY	7
P.H. 209 - EPIDEMIOLOGY IN PUBLIC HEALTH FAMILY PRACTICE	12
P.H. 210 - COMPARATIVE EPIDEMIOLOGY	4
P.H. 200 - CULTURE AND HEALTH	7
P.H. 212 - HISTORY OF EPIDEMIOLOGY	8
P.H. 201 - PROBLEMS IN EPIDEMIOLOGY	3
P.H. 203 - STATISTICAL METHODS IN EPIDEMIOLOGY	14
P.H. 301 - RESEARCH IN EPIDEMIOLOGY	2

B. Course Teaching Outside the Department

The Department of Epidemiology is teaching a full course of Dental Epidemiology to Dental Students and is participating in the teaching of Human Ecology to Medical Students. In addition, the Department has rendered consultative services to the Dental and Medical School for various research projects and participated in teaching of some of the Anthropology courses in the Department of Anthropology.

Also, one of our Department members participated on the faculty of the Workshop in Public Health Nursing Supervision, conducted by the Department of Public Health Nursing, School of Nursing, June 13-24, 1960.

The Department of Epidemiology participated in the teaching of a refresher course for the State Dental Directors. Drs. Fulton, Patrick, and Hughes conducted a two week short course for state dentists from Virginia and North Carolina.

One of our Doctoral students lectured to a Health Education class at North Carolina College on "Overlay of Dental Disease."

One student outside of the School of Public Health participated in each of the following three courses: P.H. 104, P.H. 200, P.H. 212.

V. SCHOOL ACTIVITIES IN THE GREATER UNIVERSITY

Faculty Council Representative for the Division of Health Affairs	- Dr. Cassel
Member of the Project Committee for the School of Public Health	- Dr. Cassel
Member of the Executive Faculty, School of Public Health	- Dr. Cassel
Organizer of the Chronic Disease Journal Club	- Dr. Cassel
Member of Manual of Procedures Committee	- Dr. Cassel
Chairman, Foreign Student Committee	- Dr. Patrick
Chairman, Provisional Committee on Behavioral Sciences	- Dr. Patrick
Visiting lecturer to the Anthropology Department	- Dr. Patrick
Visiting lecturer to the School of Medicine	- Dr. Cassel
Visiting lecturer to the School of Dentistry	- Dr. Fulton
Member of the Public Relations Committee	- Dr. Fulton

VI. SERVICES TO STATE AND NATION

Consultant to meeting of State and local public health officials in Atlanta, Georgia.	Dr. Fulton
Member of Nominating Committee of American Association of Public Health Dentists	Dr. Fulton
Eligibility Committee of American Public Health Association	Dr. Fulton
Elective Counselor, American Public Health Association	Dr. Fulton
Member, American Board of Dental Public Health	Dr. Fulton
Member of the Public Health Research Study Section, N.I.H.	Dr. Fulton
Consultant to Division of Dental Hygiene of the State Health Department.	Dr. Fulton
Consultant to State Health Department on Study of Diabetes	Dr. Patrick

Member of Rehabilitation Institute Planning Committee for T.B. Institute.	Dr. Cassel
Member of the Committee on Chronic Illness and Aging in the State Medical Society.	Dr. Cassel
Member of the Health Committee of the North Carolina Conference for Social Services.	Dr. Cassel
Consultant to Greensboro Community Council, Committee on Chronic Illness.	Dr. Cassel
Consultant to North Carolina Chapter of Cerebral Palsy	Dr. Cassel
Consultant to State Board of Health on various projects	Dr. Cassel
Member of the Orange-Durham County Committee on Chronic Illness	Dr. Cassel
Member of the Association of Schools of Public Health Chronic Disease Training Program Directors	Dr. Cassel
Consultants to Florida State Board of Health on Evaluation of Dade County, Florida, oral polio vaccine project.	Drs. Patrick & Jenkins
Member, Nominating Committee of the American Public Health Association.	Dr. Cassel
Governor's Coordinating Committee on Aging	Dr. Cassel
Member, Subcommittee on Biostatistics of the American Public Health Association Program Area Committee on Mental Health	Dr. Cassel

VII. RESEARCH PROJECTS

Natural History of Dental Disease

VIII. PUBLICATIONS

Dr. John Cassel:

✓ "Social and Cultural Implications of Food and Food Habits," PATIENTS, PHYSICIANS, AND ILLNESS, edited by E. Gartly Jaco, The Free Press, Glencoe, Illinois.

"Characteristics of the Tuberculous." Published in the PROCEEDINGS OF THE INSTITUTE ON PROBLEMS IN TUBERCULOSIS CONTROL, Lake Junaluska, North Carolina.

Review of "Chronic Illness in a Rural Area; The Hunterdon Study" (Volume 3 in series, Chronic Illness in the U.S.) To appear in HOSPITALS, Journal of the American Hospital Association.

✓ "A Community Program for the Chronically Ill:" North Carolina Conference for Social Service, Raleigh, North Carolina. June 8, 1960

- Dr. John Fulton: "Unoperated Oral Clefts at Maturation." American Journal of Public Health, 49:11 (November, 1959) pp. 1517-1524. (With Frank E. Law -- co-author)
- ✓ "Epidemiological Studies of Dental Health - 1959." For publication in May, 1960 in the American Dental Association Journal. 60:5 (May 1960) pp. 595-599.
- Dr. Ralph Patrick: "Search for America" 32 half hour educational television films, produced for the National Educational Television and Radio Center - released to Educational Television stations beginning November 1959.

IX. SCIENTIFIC PAPERS PRESENTED

- Dr. John Cassel: "Epidemiology of Coronary Heart Disease." Presented on February 10, 1960 at the Institute on Heart Disease, School of Nursing, University of North Carolina.
- "Epidemiological Aspects of Tuberculosis." Presented to Battey State Hospital personnel, Rome, Georgia on Jan. 25, 1960.
- "Culture Change and Health: A Conceptual Model and Research Design." Conference on Culture, Society and Health, June 1960, New York.
- "Characteristics of the Tuberculous." 36th Annual State Health Conference, Bluefield, West Virginia.
- "The Characteristics of the Tuberculous." Presented at the Tuberculosis Institute at Lake Junaluska on June 28, 1960.
- Dr. Ralph Patrick: "The Cultural Meaning of Teeth." Presented at the Annual American Public Health Association Meeting, November 1959.
- "Cultural Factors in Nutrition." Presented for the Georgia Public Health Association, Savannah, Georgia, May 1960.
- Panel discussion and presentation of 2 films on "The Navaho Indians in Transition" for annual American Anthropological Association, December 1959.
- Dr. John Hughes: "Overlay of Dental Disease." Presented to Health Education Class of North Carolina College in Durham, North Carolina. April, 1960
- "Dental Health of the One to Six Year Old." Presented at the North Carolina Conference for Social Service.
- Dr. C. David Jenkins: "Relations Between Electroencephalographic Slowing And Impairment of Selected Intellectual Function." Presented to combined Duke - U.N.C. Neurology Conference.
- "Psychological Testing of Brain Damaged Adults." Presented to clinical psychology seminar.

X. FULL-TIME FACULTY APPOINTMENTS, PROMOTIONS, RESIGNATIONS, LEAVES OF ABSENCE.

- A. Appointments - C. David Jenkins, Research Associate, September 1959.
- B. Promotions - Dr. John Cassel, Professor and Head of Department of Epidemiology, July 1, 1959.
- C. Resignations - None
- D. Leaves of Absence - None

XI. NEEDS

- A. While the space needs of the Department have been partially met, there is still an urgent need for additional space. The Department has 6 offices and two hallways to house 6 full time faculty members, 2 secretaries, 2 doctoral students, 1 visiting research fellow, a varying number of part-time research assistants, and to provide a conference room for Departmental research and teaching seminars and for storage of records.

Ignoring the possibility of future growth, there is an immediate need for a minimum of 2 extra rooms, one for office space for a faculty member and one for a conference room.

- B. Five of the present 6 faculty members derive their salaries from Non-State funds. It is highly desirable that the State contribution to this Department be increased to give greater security for long term planning.