# **1969 Directory**

# SMALLPOX ERADICATION PROGRAM

# SMALLPOX ERADICATION PROGRAM

**JULY 1969** 

U.S. DEPARTMENT OF HEALTH, EDUCATION, & WELFARE
Public Health Service
HEALTH SERVICES AND MENTAL HEALTH ADMINISTRATION
NATIONAL COMMUNICABLE DISEASE CENTER
Smallpox Eradication Program
Atlanta, Georgia 30333

# INTRODUCTION

This publication was designed to serve as a directory providing information on the organization and activities of the Smallpox Eradication Program (SEP). The program has as its objectives the eradication of smallpox and control of measles in 19 West and Central African countries by 1971. The staff consists of personnel trained in both medical and non-medical professions, including physicians, statisticians, operations officers, as well as secretaries and support personnel.

Copies of this publication may be obtained by writing to the Director, Smallpox Eradication Program, National Communicable Disease Center, Atlanta, Georgia 30333.

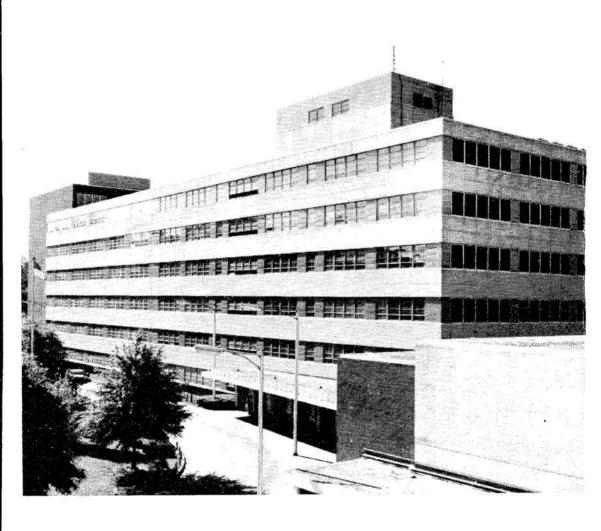
Directory edited by:
Joan F. Davenport

Secretary to Director

Smallpox Eradication Program

# **CONTENTS**

Pa	age
lational Communicable Disease Center (NCDC)	1
mallpox Eradication Program (SEP) Headquarters	3
International Branch	8
Domestic Branch	12
raining Activities	13
EP Staff Detailed to International Organizations	14
EP Professional Personnel and Alumni	15



# **NCDC**

The National Communicable Disease Center (NCDC), with headquarters in Atlanta, Georgia, is the U.S. Public Health Service's national agency for control of infectious and other preventable diseases. NCDC supplements and supports the activities of State health departments by providing specialized services that these agencies are unable to maintain on an everyday basis, and by helping them to develop increasingly effective programs for the prevention, detection, diagnosis, and control of communicable diseases. Through its various services to State and local health departments, NCDC indirectly touches the lives of men, women, and children in all parts of the country and overseas.

Some of these services include help in quelling disease outbreaks, development of practical ways to diagnose and control diseases, the preparation of training materials, consultation and demonstrations of effective ways to appraise and cope with disease problems, and provision of laboratory diagnosis in difficult situations.

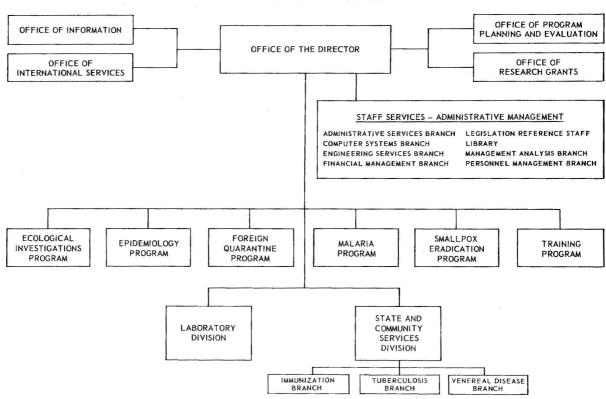
NCDC, jointly with the U.S. Agency for International Development, sponsors two international disease control programs, the Smallpox Eradication Program and the Malaria Program. The prinicipal activity of the Smallpox Eradication Program is the West and Central African Regional Smallpox Eradication and Measles Control Program, operating in 19 African countries; this represents the major U.S. contribution to the WHO global effort to eradicate smallpox from the world by 1977. The West African operation, financed by USAID, provides assistance (in the form of technical advisors, vaccines, jet injectors, and trucks) to all individual countries in the West and Central African region, making possible a coordinated regionwide attack on smallpox and measles. Through an interagency agreement between USPHS and USAID, NCDC is responsible for directing the West African Program. Local costs are borne by the individual countries, with assistance from WHO. Countries participating include: Cameroon, Central African Republic, Chad, Dahomey, Gabon, Gambia, Ghana, Guinea, Ivory Coast, Liberia, Mali, Mauritania, Nigeria, Niger, Senegal, Sierra Leone, Togo, Upper Volta, and Congo (Brazzaville).

Individual country programs are being carried out in close coordination with the two regional African health organizations (OCCGE and OCEAC) and with the World Health Organization's global program.

The Malaria Program assists developing countries with their antimalaria efforts by providing technical skills and commodity support. The programs are financed partly by funds from the participating country and partly by loans and grants from the U.S. Government through AID; UNICEF, WHO, and PAHO may also contribute to their support. The program operates in 18 countries: Brazil, Costa Rica, Ecuador, El Salvador, Ethiopia, Guatemala, Honduras, Haiti, India, Jordan, Nepal, Nicaragua, Pakistan, Panama, Paraguay, Philippines, Thailand, and Vietnam.

# DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE PUBLIC HEALTH SERVICE HEALTH SERVICES AND MENTAL HEALTH ADMINISTRATION

NATIONAL COMMUNICABLE DISEASE CENTER



2

# SMALLPOX ERADICATION PROGRAM — HEADQUARTERS

Atlanta, Georgia

# SMALLPOX ERADICATION PROGRAM

Smallpox surveillance and studies of smallpox immunization have been a part of the epidemiological activities of NCDC since its inception. In 1964, the Smallpox Unit of the Surveillance Section of NCDC was formed. This unit was responsible for investigating all suspected cases of smallpox in the United States, conducting studies on the occurrence of smallpox vaccination complications, and evaluating the use of the jet injection apparatus for mass smallpox vaccination.

The Smallpox Eradication Program (SEP) was organized in January 1966 to begin an international project of smallpox eradication and measles control in 16 West African countries. Three additional countries began full-scale participation in the fall of 1967. The West and Central African Regional Smallpox Eradication/Measles Control Program is financed by the U.S. Agency for International Development and directed by NCDC. In addition to the West African operation, the SEP includes a Domestic Branch with responsibility for continuing surveillance of suspected smallpox and the complications of vaccination in the United States. A variety of research activities concerning smallpox and vaccination are also conducted.

The Program headquarters is located at NCDC in Atlanta; the West African Regional Office is located in Lagos, Nigeria; technical advisors are assigned in: Cameroon, Central African Republic, Chad, Dahomey, Gabon, Ghana, Guinea, Ivory Coast, Liberia, Mali, Niger (Niamey, Zinder), Nigeria (Lagos, Kaduna, Jos, Kano, Sokoto, Maiduguri, Ibadan, and Benin City), Senegal, Sierra Leone, Togo, and Upper Volta.

In the West African Program, Medical Officers serve as Medical Epidemiologists advising host country health officials on all phases of the eradication campaign, including specifically the development of surveillance and epidemiological resources. Non-medical "Operations Officers" advise host country health officials in day-to-day operational aspects, e.g. supply, logistics, field operations, team training, etc.

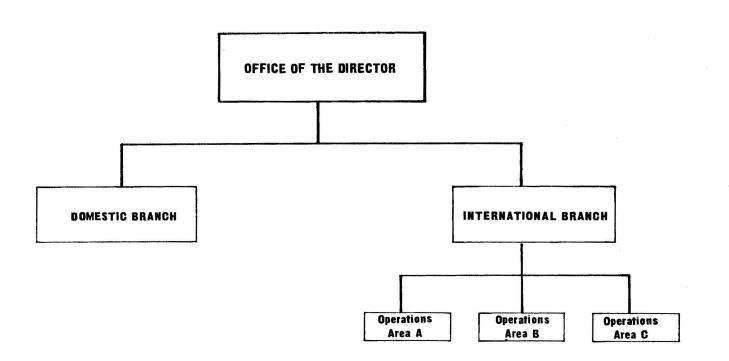
Headquarters posts are generally staffed by professional personnel promoted from field assignments and by epidemiologists of the Epidemic Intelligence Service (Epidemiology Program, NCDC, Dr. Alexander D. Langmuir, Director).

The laboratory needs of the program are served by the Vesicular Disease Virus Laboratory which, while administratively a part of the Laboratory Division, NCDC, is funded in large part by SEP.

NCDC-3G61 February 1969

DEPARTMENT OF
HEALTH, EDUCATION, AND WELFARE
PUBLIC HEALTH SERVICE
Health Services and Mental Health Administration
National Communicable Disease Center
Smallpox Eradication Program

6



### OFFICE OF THE DIRECTOR

J. D. Millar, M.D. Director  Joan F. Davenport Secretary  Carolyn S. Stancil Clerk-Typist, File Clerk  Billy G. Griggs Assistant Director  Shirley R. Kaufman Secretary			
Billy G. Griggs Program Management Office  Billy G. Griggs Program Management Officer  Fay B. Hendricks Administrative Officer  Jane M. Cooley* Travel Assistant  Cheryl Tefft Administrative Clerk  Shirley R. Kaufman Secretary  William L. DesPrez Supply Management Representative  Nina A. Novak* Clerk Stenographer			
Donald L. Eddins Chief Mary Anne Lyle Statistical Assistant Evelyn F. Harrison Secretary			
J. Michael Lane, M.D			
INTERNATIONAL BRANCH			
(West African Smallpox Eradication/Measles Control Program)			
J. D. Millar, M.D			
J. D. Millar, M.D. Acting Chief  Area A  James W. Hicks Chief of Operations  Judy B. Lockhart Clerk Typist  Area B  William H. Foege, M.D. Chief of Operations  Jack C. Bunn, M.D. SEP Medical Epidemiologist  Benjamin E. Teller, M.D. EIS Medical Epidemiologist			
J. D. Millar, M.D. Acting Chief  Area A  James W. Hicks Chief of Operations  Judy B. Lockhart Clerk Typist  Area B  William H. Foege, M.D. Chief of Operations  Jack C. Bunn, M.D. SEP Medical Epidemiologist			
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# INTERNATIONAL BRANCH

The major activity of the International Branch is direction of the West and Central African Regional Smallpox Eradication and Measles Control Program. In addition, SEP maintains an emergency epidemic reserve of jet injection smallpox vaccine which is dispensed to control epidemics of smallpox occurring anywhere in the world except in the West African area. Both the West African Program and the epidemic reserve are financed in the main by funds from the U.S. Agency for International Development. One physician and one statistician from SEP Headquarters are currently detailed to the World Health Organization and the Pan American Health Organization, respectively.

In late 1966, a coordinated regional program to eradicate smallpox and control measles in five years began in West and Central Africa. The establishment of this program marked several historic precedents: it was the first coordinated attempt by several nations to eliminate smallpox from a large geographically contiguous region; it was the largest regional disease eradication program ever undertaken by the U.S. Agency for International Development and its predecessors; it was the first regional program of any kind to involve all of the independent nations of West and Central Africa; and it was the first international disease eradication program for which NCDC assumed directional responsibility. Its very existence, and its early successes, provided impetus to the World Health Organization to establish and appropriately fund a ten-year global assault on the disease. To rid the area from Mauritania to the Congo River of smallpox by 1972, individual countries with U.S. assistance initiated campaigns employing rapid jet injection techniques with the objective of vaccinating the entire population. Children under five have also been simultaneously vaccinated against measles which occurs with extreme severity in Africa. By late 1968, mass vaccination campaigns had reduced the reservoir of susceptible individuals to an all-time low. Intensified disease surveillance and epidemiologically directed "fire-fighting" are expected to eliminate the disease by the end of 1969.

Both Francophone (French-speaking) and anglophone (English-speaking) countries are participating, and reflect major ecologic, sociologic, historic, and epidemiological differences from the coastal rain forest to the Sahara desert. Both physicians and non-medical health workers are assigned in Africa. A tour of duty with the SEP in Africa lasts for a minimum of two years, of which at least 18 months is on-site in Africa. In most countries, assignments are located in the capital of the respective country while in Nigeria, assignments are also made to the capitals of the larger states. Personnel are presently assigned to Cameroon, Central African Republic, Chad, Dahomey, Gabon, Ghana, Guinea, Liberia, Mali, Niger, Nigeria, Senegal, Sierra Leone, Togo, and Upper Volta. The program maintains a Regional Office in Lagos, Nigeria, with responsibilities for coordinating inter-country transfers of material and personnel, for providing "trouble-shooting" administrative support to the individual country programs, and for conducting independent assessments of national eradication activities.

In January 1968, the Surgeon General of the United States Public Health Service visited several countries participating in the program. In Mampong Akwapim, Ghana, he and representatives of the WHO, OCCGE, OCEAC, and delegations from individual countries, celebrated the 25 millionth smallpox vaccination administered since initiation of the field activities in 1966.

J. D. Millar, M.D
Regional Office,  James W. West Acting Chief and Administrative Officer Gordon Robbins Health Educator Hillard Davis Statistician Nathaniel Rothstein Virologist John W. Greenley Supply Management Coordinator
Area A Operations  James W. Hicks
Area B Operations William H. Foege, M.D. Chief Jack C. Bunn, M.D. SEP Medical Epidemiologist Hilda S. Westmoreland Secretary
Area C. Operations  J. Michael Lane, M.D

### COUNTRY ASSIGNMENTS

Cameroon
Bruce F. Peters, M.D Medical Epidemiologist John P. McEnaney Operations Officer
Central African Republic
Neal H. Ewen Operations Officer
Chad
Russell S. Charter Operations Officer Burton J. Lincoln Operations Officer
Dahomey
Jonathan Berall Medical Epidemiologist Jeannel Roy Operations Officer John Nelson Operations Officer
Jay Friedman Operations Officer
Ghana
Charles Herron, M.D. Medical Epidemiologist M. David Newberry Operations Officer Dennis J. Dix Operations Officer
Guinea
Donald R. Malberg Operations Officer
Liberia
David M. Thompson, M.D Medical Epidemiologist Dennis G. Olsen Operations Officer
Mali
Pascal J. Imperato, M.D Medical Epidemiologist Mark D. LaPointe Operations Officer
Niger (Niamey)
Logan H. Roots, M.D Medical Epidemiologist Anthony R. Masso Operations Officer
Niger (Zinder)
Roger H. Bernier Operations Officer
Nigeria (Lagos)
Stanley O. Foster, M.D Medical Epidiologist James E. Donoho Operations Officer
Robert A. Boyd Operations Officer
Nigeria (Benin City) Paul A. Bond
Nigeria (Ibadan)
Lloyd W. Wade Operations Officer

Seorge Stroh
Nigeria (Kaduna)
Robert C. Hogan Chief of Party John M. Pifer, M.D. Medical Epidemiologist Richard B. Arnold, M.D. Medical Epidemiologist Vicki Jones* Operations Officer John E. Wilson Operations Officer William D. Shoemaker Equipment Specialist
Nigeria (Kano)
Carl H. Bloeser Operations Officer
Nigeria (Maiduguri)
Robert Evans Operations Officer
Nigeria (Sokoto)
David C. Bassett Operations Officer
Senegal
Robert C. Helmholz Operations Officer Edward J. Musante Operations Officer
Sierra Leone
Donald R. Hopkins Medical Epidemiologist James N. Thornton Operations Officer
Togo
Andrew N. Agle Operations Officer
Upper Volta (Ouagadougou)
Thomas E. Leonard Operations Officer
Upper Volta (Bobo Dioulasso) Anthony T. C. Bourke, M.D

# DOMESTIC BRANCH

The Domestic Branch coordinates efforts to keep the United States smallpox-free, one of its principal activities being the investigation of cases of suspected smallpox. Patients are seen and evaluated clinically and epidemiologically, and appropriate lab specimens are submitted to the Viral Exanthems Laboratory. Continuous surveillance is maintained on endemic and epidemic foci of smallpox throughout the world.

Since smallpox vaccination has been one of the cornerstones of the U.S. policy, the Domestic Branch has been involved in continuous studies of the safety and efficacy of smallpox vaccination and the duration of immunity produced by it. Basic information on primary and revaccination has been provided by studies in Tonga of jet injector vaccination and decay rates of antibodies. Several studies have been undertaken to document the toll of complications of vaccination, including an intensive analysis of importation epidemics of smallpox in Western Europe.

With the information gathered from these studies, the Domestic Branch has moved to reevaluate the ralative importance of routine vaccination, surveillance, and outbreak control in keeping the U.S. free of smallpox.

The Domestic Branch maintains an ongoing literature review of smallpox and vaccinia.

J. Michael Lane, M.D			Chief
Frederick L. Ruben, M.D	. EIS	Medical	<b>Epidemiologist</b>
Shirley S. Davis			

# TRAINING ACTIVITIES

The SEP conducts two training sessions annually. The first is the annual Smallpox Eradication/Measles Control Orientation and Training Course conducted in Atlanta; the other is the annual in-service training and planning session (familiarly known as the "Regional Meeting") which is held somewhere in Africa.

The Smallpox Eradication/Measles Control Orientation and Training Course is a formal course in the basic science and methods of disease control as applied specifically to smallpox and measles. It is open to host country counterparts and WHO personnel as well as U.S. advisors bound for Africa.

## SMALLPOX ERADICATION PROGRAM PERSONNEL DETAILED TO INTERNATIONAL ORGANIZATIONS:

### WORLD HEALTH ORGANIZATION, Geneva, Switzerland:

Dr. D. A. Henderson, on assignment to the World Health Organization from NCDC, serves as Chief, Smallpox Eradication Unit, WHO, and as such is directing the global effort on smallpox eradication.

### PAN AMERICAN HEALTH ORGANIZATION, Rio de Janeiro, Brazil:

Mr. Leo Morris, on assignment to the Pan American Health Organization from NCDC, serves as Statistical Consultant.

SEP Professional Personnel and Alumni

\*\*SEP Alumnus

<sup>\*</sup>NCDC Career Development Program

AGLE, Andrew N. b. Salt Lake City, Utah, 1937 Judith Jean Spinks Dawn Diane David Richard

1961 1963

B.A., San Jose State College, 1963

Operations Officer, Smallpox Eradication Program, Togo, 1966-; Public Health Advisor (VD), Sacramento County Health, 1964-1966; Program Representative (VD), San Jose City Health Department, 1963-1964

ARNOLD, Richard Byron

Suzanne

b. Buckhannon, West Virginia, 1937

A.B., Marshall University, 1959
M.D., West Virginia University, 1962
D.T.P.H., London School of Hygiene and Tropical Medicine, 1966

Medical Epidemiologist, Smallpox Eradication Program, Nigeria (Kaduna), 1968-; Resident in Psychiatry, Queen's Hospital, Honolulu, Hawaii, 1966-1968; Medical Officer, HHC 25th Inf. Division, Schofield Bks., Hawaii, 1963-1965; Intern, Queen's Hospital, Honolulu, Hawaii, 1962-1963

BASSETT, David C.

b. Seattle, Washington, 1941

B.A., University of Washington, 1964 M.P.A., University of Washington, 1969

Operations Officer, Smallpox Eradication Program, Nigeria (Maiduguri), 1969-; Research Assistant, Graduate School of Public Affairs, University of Washington, Seattle, Washington, 1968-1969; Administrative Aide, City Manager's Office, Tacoma, Washington, Summer 1968; Research Assistant, Graduate School of Public Affairs, University of Washington, Seattle, Washington, 1967-1968; Peace Corps Volunteer, Nigeria, 1964-1967

BERALL, Jonathan

b. New York, New York, 1940

B.A., University of Chicago, 1962 M.D., Tufts University School of Medicine, 1966

Medical Epidemiologist, Smallpox Eradication Program, Dahomey, 1969-; EIS Officer, Minneapolis, Minnesota, 1968-1969; Resident, Internal Medicine, McGill University, Royal Victoria Hospital, Montreal, Canada, 1967-1968; Intern, McGill University, Royal Victoria Hospital, Montreal, Canada, 1966-1967

BERNIER, Roger H.

b. Sanford, Maine, 1944

B.A., Assumption College, 1966

Operations Officer, Smallpox Eradication Program, Niger (Zinder), 1969-; Recruiter (VD), New York, 1967-1969; Program Representative (VD), New York, 1966-1967

BLOESER, Carl H. b. Nashville, Tennessee, 1939 Rubye Lee (Bee)
Charles Leroy Kenneth
Virginia Lynn

1964 19**6**8

B.A., Hardin-Simmons University, 1964 M.A.P.A., University of Oklahoma, 1969

Operations Officer, Smallpox Eradication Program, Nigeria (Kano), 1969-; Public Health Advisor, Office of Product Safety, Food and Drug Administration, assigned as Chief, Injury Control and Emergency Health Services Survey, Santa Fe, New Mexico, 1967-1969; Venereal Disease Control Officer, Navajo Indian Health Service Office, Window Rock, Arizona, 1967; Public Health Advisor (VD), Albuquerque, New Mexico, 1965-1967; Co-op, VD Program, Columbia County Health Department, Magnolia, Arkansas, 1964-1965

BOND, Paul A.	Mary Lee	
<ul> <li>b. Pensacola, Florida, 1936</li> </ul>	Violet	1961
	Susan	1963
3	Angela	1965
	Paul, Jr.	1968

### B.A., St. Bernard College, 1961

Operations Officer, Smallpox Eradication Program, Nigeria (Benin City), 1968-; Regional Supervisor (VD), Tampa, Florida, 1966-1968; Public Health Advisor (VD), Ft. Lauderdale, Florida, 1965-1966; Public Health Advisor (VD), Lakeland, Florida, 1964-1965; Health Program Representative (VD), Lakeland, Florida, 1963-1964

### BOURKE, Anthony T. C. b. Blantyre, Malawi, 1932

B.A., Trinity College, University of Dublin, Ireland, 1954
M.B., Trinity College, University of Dublin, Ireland, 1956
M.A. (by seniority), Trinity College, University of Dublin, Ireland, 1962
M.D., Trinity College, University of Dublin, Ireland, 1962
D.T.M.&H., London School of Hygiene and Tropical Medicine, 1959
Dr. P.H., Yale University, 1961
M.Sc., University of Liverpool, 1967

Medical Epidemiologist, Smallpox Eradication Program, Upper Volta (Bobo Dioulasso), 1969-; Medical Epidemiologist, ICRC, Eastern States, Nigeria, 1969; Lecturer in Medical Parasitology (Technical Assistance), Liverpool School of Tropical Medicine, England, 1967-1968 (Seconded to British Solomon Islands as Entomologist to the Malaria Eradication Program, January 1968-April 1968); Special Projects Officer (Malaria), U.S. Army Medical Research Team (WRAIR), Viet Nam; Malaria Consultant, U.S. Army, Viet Nam, 1965-1966; Chief, Malaria Studies Project, U.S. Army, SEATO Medical Research Laboratory, Bangkok, Thailand, 1964-1965; Staff Member, Department of Virus Diseases, Walter Reed Army Institute of Research, Washington, D.C., 1962-1964; Rotating Intern, Franklin Square Hospital, Baltimore, Maryland, 1956-1957

BOYD, Robert Abbott	Barbara Ann	-
<ul><li>b. Ocala, Florida, 1937</li></ul>	Kimberly Abbott	1959
	Tracy Lou	1963

Operations Officer, Smallpox Eradication Program, Nigeria (Lagos), 1969-; Vector Control Specialist (Area Supervisor), Aedes aegypti Eradication Program, Fort Pierce and Key West, Florida, 1968-1969; Vector Control Specialist (Assistant Area Supervisor), Aedes aegypti Eradication Program, Fort Pierce, Florida, 1965-1967; Agricultural Research Technician, USDA, Orlando and Gainesville, Florida, 1961-1964; Vector Control Aid, Aedes aegypti Eradication Program, Pensacola, Florida, 1959-1961

\*BREMAN, Joel G. b. Chicago, Illinois, 1936

Vicki A.

A.B., University of California (Los Angeles), 1958 M.D., University of Southern California, 1965

Fellow in Infectious Diseases, Thorndike Memorial Laboratory, Boston City Hospital, Boston, Massachusetts, 1969-; Medical Epidemiologist, Smallpox Eradication Program, Guinea, 1967-1969; Resident, Los Angeles County General Hospital, 1966-1967; Intern, Los Angeles County General Hospital, 1965-1966

BRITT, Jean E.

b. Orlando, Florida, 1945

B.A., Rollins College, 1966

Teacher Corps, University of Hartford, Hartford Connecticut, 1969-; Editorial Clerk, Smallpox Eradication Program, NCDC, Atlanta, 1968-1969; Peace Corps Volunteer, Sengal, 1966-1968

BUNN, Jack C.

Laila Ha

b. Salt Lake City, Utah, 1937

A.B., Duke University, 1959 M.D., Harvard Medical School, 1966

Medical Epidemiologist, Smallpox Eradication Program, NCDC, Atlanta, 1967-; Intern, Grady Memorial Hospital, 1966-1967

\*\*CHALLENOR, Bernard D.

Herschelle

b. New York, New York, 1936

A.B., Hunter College, 1957 M.D., State University of New York, Downstate Medical Center, 1961

M.P.H. Harvard School of Public Health, 1963

Health Administrator for Model Cities, Career Development Program, Office of International Health, Public Health Service, Boston, Massachusetts, 1968-; Medical Epidemiologist, Smallpox Eradication Program, Dahomey-Togo, 1966-1968; EIS Officer, Smallpox Unit, Epidemiology Branch, CDC, 1965-1966; Peace Corps Physician, 1963-1965; Intern, Long Island College Hospital, 1961-1962

CHARTER, Russell Stanley
b. Grand Haven, Michigan, 1940

Sharon Kay Anders Scott Gregory

1968

B.A., University of Michigan, 1963

Operations Officer, Smallpox Eradication Program, Chad, 1966-; Public Health Advisor (VD), New York, New York, 1964-1966; Public Health Advisor (VD), Rocky Mount, North Carolina, 1964; Program Representative (VD), Rocky Mount, North Carolina, 1963-1964; Program Representative (VD), Chicago, Illinois, 1963

D'AMANDA, Christopher b. Rochester, New York, 1934

A.B., Harvard College, 1956 M.D., University of Buffalo, 1962

Medical Epidemiologist, Smallpox Eradication Program, Upper Volta-Ivory Coast, 1966-1968; Chief Resident in Medicine, Buffalo General Hospital, 1965-1966; Resident (Internal Medicine), Buffalo General Hospital, 1963-1965; Intern, Buffalo General Hospital, Buffalo, New York, 1962-1963

DAVIS, Hillard b. Cleveland, Ohio, 1934

Brenda N. Michael C.

1961

B.S., Central Ohio State, 1960 M.P.H., University of Michigan, 1964

Statistician, Smallpox Eradication Program, Regional Office, Lagos, Nigeria, 1966; Statistician (Health), Analysis Reports and Publications Division, Department of the Army, 1966; Special Assistant to the Director, Medical Statistic Agency, Army Surgeon General's Office, Department of the Army, Washington, D.C., 1964-1966; Statistics Trainee, Development and Proof Services, Analytical Laboratory, Aberdeen Proving Gounds, Maryland, 1960-1962

DESPREZ, William L. b. Akron, Ohio, 1920 Helen Marie Koegle Rita Loraine Janet Louise

1950 1959

Medical Technician School, Ft. Sam Houston, Texas, 1939 Laboratory Technician School, Ft. Sam Houston, Texas, 1939 Air Force Management Training Program, Pentagon, 1952

Supply Management Representative, Smallpox Eradication Program, NCDC, Atlanta, 1966; Assistant Administrative Officer, Smallpox Eradication Program, Regional Office, Lagos, Nigeria, 1966; Principal Procurement Officer, Supply Branch, NASA, Washington, D.C., 1964-1966; Assistant General Services Officer, USAID, Monrovia, Liberia, 1962-1964; Administrative Assistant to Chief, Supply Branch, NASA, Washington, D.C., 1959-1962; Section Head, Service and Maintenance, Bureau for Aeronautics, Department of the Navy, Washington, D.C., 1958-1959; Assistant Head, Mail and File Branch, Bureau of Aeronautics, Department of the Navy, Washington, D.C., 1957-1958; Assistant Administrative Officer, Aeronautical Standards Group, Department of the Air Force, Washington, D.C., 1951-1957; Chief, Technical Service Library and Technical Supply Unit, Veterans Administration, Washington, D.C., 1946-1951; Clerk, Department of State and Foreign Economic Administration, 1943-1946; U.S. Army, 1943

DIX, Dennis J., Sr. b. New York, New York, 1942

Sara Elizabeth Dennis J., Jr.

1967

B.A., Iona College, 1964

Operations Officer, Smallpox Eradication Program, Ghana, 1969-; Assistant New York State VD Program Coordinator, Albany, New York, 1968-1969; Clinic Coordinator (VD), New York, New York, 1967; Hospital and Private Physician Coordinator (VD), New York, New York, 1966; Senior Epidemiologist (VD), New York, New York, 1965; Program Representative (VD), New York, New York, 1964

DONOHO, James E. b. Kinmundy, Illinois, 1935 Marjorie Hood Jay Michael Lisa Anne

1961 1965

B.S., Oklahoma State University, 1961 M.S., University of Oklahoma, 1966

Operations Officer, Smallpox Eradication Program, Nigeria (Lagos), 1968-; Public Health Advisor (IMM.), Richmond, Virginia, 1966-1968; Health Education Coordinator, Oklahoma Immunization Project, Oklahoma City, Oklahoma, 1963-1966; Teacher-Athletic Director, Traverse City, Michigan, 1961-1963; U.S. Navy (Aviation Radar Electronics), Flight Test Aviation, 1954-1958

\*DRAKE, Thomas E.

Sylvia P.

b. Chicago, Illinois, 1937

A.B., Oberlin College, 1959 M.D., Western Reserve University, 1963

Resident in Dermatology, University of California Medical Center, San Francisco, California, 1969-; Resident in Dermatology, New York University Medical Center, New York, New York, NCDC Career Development Program, 1968-1969; Medical Epidemiologist, Smallpox Eradication Program, Senegal-Gambia-Mauritania, 1966-1963; Regional Medical Officer for Africa, Medical Program Division, Peace Corps, 1965-1966; Peace Corps Staff physician, Teheran, Iran, 1964-1965; Rotating Internship, USPHS Hospital, San Francisco, California, 1963-1964; USPHS Research Fellowships in Microbial Genetics, Western Reserve and Stanford Universities, 1960-1962

EDDINS, Donald L. b. Campbell, Texas, 1939Lynda Steven Glen

1964 1967

B.S., East Texas State College, 1961

Chief, Statistical Services, Smallpox Eradication Program, NCDC, Atlanta, 1967-; Chief, Surveillance Unit, Statistics Section, Epidemiology Branch, 1966; Statistician, Surveillance Section, Epidemiology Branch, 1965; EIS Statistician, Dallas City Health Department, 1964; EIS Statistician, Statistics Section, Epidemiology Branch, 1963

EVANS, Robert Nelson

Betty

b. Clemore, North Carolina, 1936

B.S., North Carolina Agricultural & Technical College, 1958 Graduate Study, University of Texas, 1961-1962

Operations Officer, Smallpox Eradication Program, Nigeria (Maiduguri), 1969-; Operations Officer, Smallpox Eradication Program, Nigeria (Kaduna), 1968; Health Program Representative and Public Health Advisor (VD), New York, New York, 1965-1968; Social Worker, Women's Christian Alliance, Philadelphia, Pennsylvania, 1963-1965; Teacher, Jr. High School, Philadelphia, Pennsylvania, 1962-1963

EWEN, Neal H.

b. Woonsocket, Rhode Island, 1938

B.A., University of Rhode Island, 1960

Operations Officer, Smallpox Eradication Program, Central African Republic, 1966-; Public Health Advisor (VD), Albany, New York, 1965-1966; Public Health Advisor (VD), Atlanta, Georgia, 1964-1965; Program Representative (VD), Utica, New York, 1963-1964; Program Representative (VD), Syracuse, New York, 1963

FLANDERS, Gerald P.

Bonnie Jane

b. Monroe, Michigan, 1938

Deirdre Lee 1961 John Porter 1967 Jennifer Jane 1967

B.A., Albion College, 1963

School of Public Administration, Syracuse University, Syracuse, New York, 1969-; Assistant Administrative Officer, Smallpox Eradication Program, Regional Office, Lagos, Nigeria, 1967-1969; Operations Officer, Smallpox Eradication Program, Nigeria (Lagos), 1966-1967; Public Health Advisor (VD), Detroit, Michigan and Columbus, Ohio, 1964-1966; Program Representative (VD), Detroit, Michigan, 1963-1964; Elementary Teacher, Albion, Michigan, 1961-1963; Elementary Teacher, Germfask, Michigan, 1959-1960

FOEGE, William H.

b. Decorah, Iowa, 1936

Paula

David

Michael Edwin

1962

B.A., Pacific Lutheran University, 1957

M.D., University of Washington, 1961

M.P.H., Harvard, 1965

Chief of Operations, Area B, Smallpox Eradication Program, NCDC, Atlanta, 1968-; Acting Evaluations Officer, Smallpox Eradication Program, NCDC, Atlanta, 1967-1968; Consultant, Smallpox Eradication Program, Nigeria (Enugu), 1966-1967; Medical Officer, Lutheran Church, Yahe, East Nigeria, 1965-1967; EIS Officer, PHS, CDC, assigned to Colorado State Health Department, Denver, Colorado, 1962-1964; Intern, USPHS Hospital, Staten Island, New York, 1961-1962

FOSTER, Stanley O.

b. Melrose, Massachusetts, 1933

Dorothy

William Andrew 1960

Paul

1961 1965

A.B., Williams College, 1955

M.D., University of Rochester, 1960

Medical Epidemiologist, Smallpox Eradication Program, Nigeria (Lagos), 1966-; National Tuberculosis Association Teaching Fellow in Chest Diseases, Research Fellow in Medicine, University of California Hospitals, San Francisco, California, 1965-1966; Resident (Internal Medicine), University of Rochester Medical Center, 1964-1965; ElS Officer, PHS, CDC, assigned to the PHS Indian Hospital, Phoenix, Arizona, 1962-1964; Resident (Internal Medicine), University of Rochester Medical Center, 1961-1962; Intern (Medicine-Pediatrics), University of Rochester Medical Center, 1960-1961; USPHS Fellow in Physiology, University of Rochester School of Medicine, 1957-1958



FRIEDMAN, Jay S. b. New York, New York, 1940

B.A., Florida State University, 1961 M.A., American University, 1966

Operations Officer, Smallpox Eradication Program, Gabon, 1968-; Operations Officer, Smallpox Eradication Program, Mali, 1966-1968; Peace Corps Volunteer, (Teaching and Community Development), Sierra Leone, 1962-1964

**GELFAND, Henry M.	Jane Banker	
b. New York, New York, 1920	Richard Ernest	1948
ET POSICIO - PARA SERVICI - SERVICIO DEL CONTROLO DE C	Alaric Michael	1949
	Christopher Wilhelm	1953
	Wendy Mae	1954

B.S., Cornell University, 1940 M.D., University of Chicago, 1950 M.P.H., Tulane University, 1956

Medical Officer in Charge, London Quarantine Station and Epidemiologist, European Region, Foreign Quarantine Program, NCDC, London, England, 1968-; Special Assistant for Research and Evaluation, Smallpox Eradication Program, NCDC, Atlanta, 1967-1968; Chief, West African Operations, Smallpox Eradication Program, NCDC, Atlanta, 1966-1967; Epidemiology Consultant to the National Institute of Communicable Diseases, New Delhi, India, 1963-1965; Chief, Enterovirus Unit, Virology Section, Laboratory Branch, CDC, 1959-1963; Associate Professor of Epidemiology, Tulane University School of Medicine, New Orleans, Louisiana, 1953-1959; Medical Entomologist, PHS Research Project, Liberian Institute, N.I.H. Laboratory of Tropical Diseases, Harbel, Liberia, 1951-1953; Intern, PHS Hospital, Staten Island, New York, 1050-1951

GODFREY, Harry R.	Mary Ann	
b. Ashville, Pennsylvania, 1930	Scott Jon	1956
	Anne Michele	1960
	Owen Guy	1962

B.A., St. Francis College, 1957 Georgetown Law School, 1959

Operations Officer, Smallpox Eradication Program, Ivory Coast, 1968-; Public Health Advisor (Coordinator) (TB), Salt Lake City, Utah, 1965-1968; Public Health Advisor (VD), Albuquerque, New Mexico, 1963-1965; Public Health Advisor (VD), Baltimore, Maryland, 1961-1963; Teacher (English and History), Annapolis, Maryland, 1957-1958

GREENLEY, John W. b. Bronx, New York, 1924 Louise W.

John W.

James C.

Kathryn L.

1952
1955
1960

B.S., University of Miami, 1951 M.P.H., University of North Carolina, 1954 Graduate Work, University of Minnesota, 1959

Supply Management Coordinator, Regional Office, Smallpox Eradication Program, Lagos, Nigeria, 1968-; Operations Officer, Smallpox Eradication Program, Nigeria (Kaduna), 1966-1968; Assistant to the Chief, Southeastern Radiological Health Laboratory, Montgomery, Alabama, 1963-1966; Senior PHS Officer for Project Dribble, Hattiesburg, Mississippi, 1963; Assistant Chief for Administration, Southeastern Radiological Health Laboratory, 1962-1963; U.S. Sanitation Consultant (I.C.A.), Indonesia, 1959-1962; U.S. Sanitation Consultant (I.C.A.), to the S.C.I.S.P., Bolivia, 1957-1959; Sanitarian, Dade County Health Department, Florida, 1954-1957; Sanitarian, St. Luce and Okeechobee County Health Department, Florida, 1951-1953

GRIGGS, Billy G. Mary Sue
b. Ripley, Tennessee, 1933 Bill, Jr. 1953
Suellen 1954
Kathryn Ann 1957

### B.S., Memphis State University, 1956

Program Management Officer and Assistant Director, Smallpox Eradication Program, NCDC, Atlanta, 1967-; Program Management Officer, Smallpox Eradication Program, NCDC, Atlanta, 1966-1967; Chief, Operations and Development Unit, VD Branch, 1964-1965; Assistant Chief, Operations and Development Unit, VD Branch, 1962-1964; Coordinator-Executive Secretary, Program Committee, World Forum on Syphilis and other Treponematoses, 1961-1962; City Representation (VD), Houston, Texas, 1960-1961; Coordinator, Bracero Serology Program, Mexico Border, 1959-1960; Coordinator, Bracero Serology Program, El Paso and Nogales Centers, 1958-1959; City Representative (VD), Memphis, Tennessee, 1957-1958; Public Health Analyst (VD), Memphis, Tennessee, 1956-1957; Co-operative Employee (VD), Memphis, Tennessee, 1956

\*\*GRIGSBY, Margaret E. b. Prairie View, Texas, 1923

B.S., Prairie View College, 1943 M.D., University of Michigan, 1948 D.T.M.H., London School of Hygiene and Tropical Medicine, 1963 F.A.C.P., 1963

Professor of Medicine, Howard University, 1968-; Medical Epidemiologist, Smallpox Eradication Program, Nigeria (Ibadan), 1966-1968; Professor of Medicine, Howard University, 1966-; Assoc. Professor of Medicine, Howard University, and Senior Attending Physician, Freedman's Hospital, 1960-1966; Chief of Infectious Diseases Section, Department of Internal Medicine, Howard University, 1952-1966; Attending Physician (1958-1964), Consultant (1964-), Mt. Alto Veteran's Administration Hospital, Assistant Professor of Medicine, Howard University, and Attending Physician, Freedman's Hospital, 1957-1960; Lecturer, School of Social Work, Howard University, 1955-1959; Instructor in Medicine, Howard University and Assistant Physician, Freedman's Hospital 1952-1957; Research Fellow in Medicine, Harvard Medical School, Thorndike Memorial Laboratory, Boston City Hospital, 1951-1952; Resident (Internal Medicine), Freedman's Hospital, 1950-1951; Resident (Internal Medicine), Freedman's Hospital, 1950-1951; Resident (Internal Medicine), Homer G. Phillips Hospital, St. Louis, Missouri, 1948-1949

### HELMHOLZ, Robert C.

b. Milwaukee, Wisconsin, 1940

### Romona

Melissa E. Steven W. Karl W. 1960 1962

1963

### B.A., University of Santa Clara, 1962

Operations Officer, Smallpox Eradication Program, Senegal-Gambia, 1966-; Public Health Advisor (VD), Atlanta, Georgia, 1964-1966; Public Health Advisor (VD), Los Angeles, California, 1963-1964; Co-operative Trainee (VD), San Jose City Health Department, 1962-1963; Co-operative Trainee (VD), San Francisco City and County Health Department, 1962

### HENDERSON, Donald A.

b. Cleveland, Ohio, 1928

Nana B.

Leigh David

Douglas

1954 1956

1960

A.B., Oberlin College, 1950

M.D., University of Rochester, 1954

M.P.H., Johns Hopkins University, 1960

Chief, Smallpox Eradication, World Health Organization, Geneva, Switzerland, 1966; Chief, Smallpox Eradication Program, CDC, Atlanta, 1966; Chief, Surveillance Section, Epidemiology Branch, 1961-1965; Chief, Epidemic Intelligence Service and Assistant Chief, Epidemiology Branch, 1960-1961; Resident (Medicine and Pathology), Mary Imogene Bassett Hospital, 1957-1959; Chief, Epidemic Intelligence Service and Assistant to the Chief, Epidemiology Branch, 1956-1957; Assistant Chief, Epidemic Intelligence Service, 1955-1956; Intern, Mary Imogene Bassett Hospital, 1954-1955

### \*HENDERSON, Ralph H.

b. New York, New York, 1937

lize

A.B., Harvard University, 1959 M.D., Harvard University, 1963

Harvard School of Public Health, Boston, Massachusetts, 1969-; Deputy Chief, Regional Office, Smallpox Eradication Program, Lagos, Nigeria, 1968-1969; Regional Epidemiologist, Smallpox Eradication Program, Lagos, Nigeria, 1966-1967; EIS Officer, Smallpox Unit, Surveillance Section, CDC, 1965-1966; Resident (Internal Medicine), Boston City Hospital, 1964-1965; Intern, Boston City Hospital, 1963-1964

### HENDRICKS, Fay B.

b. Sandersville, Georgia, 1936

Robert W.

Karen Kelly 1963 1969

### Perry Business College

Administrative Officer, Smallpox Eradication Program, Atlanta, 1966-; Staff Assistant, VD Branch, 1962-1966; Travel Clerk, VD Branch, 1957-1962; Clerk Typist, U.S. Marine Corps Supply Center, Albany, Georgia, 1954-1957

### HERRON, Charles A. b. Cleveland, Ohio, 1936

Birgitta
Stephan 1964
Mark 1966
Thomas 1968

A.B., Oberlin College, 1957 M.D., Wester Reserve University, 1962

Medical Epidemiologist, Smallpox Eradication Program, Guinea, 1969-; Fellow in Infectious Diseases, University of Southern California School of Medicine, Infectious Disease Laboratory, Los Angeles, California, 1967-1969; Resident in Internal Medicine, U.S. Public Health Service Hospital, San Francisco, California, 1965-1967; Intern (Rotating), Kaiser Foundation Hospital, San Francisco, California, 1962-1963

HICKS, James W.

b. Jacksonville, Florida, 1930

Dorothy Madeline Flynn

James Brown Stewart Flynn 1964 1965

B.A., University of Florida, 1957 B.S., University of Florida, 1957

Chief of Operations, Area A, Smallpox Eradication Program, Atlanta, 1968-; Administrative Officer, Smallpox Eradication Program, Regional Office, Lagos, Nigeria, 1966-1968; Chief, Venereal Disease Control Section, North Carolina State Board of Health, 1963-1966; Public Health Advisor (VD), Philadelphia, Pennsylvania, 1960-1963; Public Health Advisor (VD), Hillsborough County Health Department, Tampa, Florida, 1957-1960; Co-operative Employee (VD), Florida State Board of Health, Jacksonville, Florida, 1957

HOGAN, Robert C.

b. Portland, Oregon, 1936

Mary Melissa

David Clayton Kevin Charles 1960 1961

Christopher James 1963

B.A., Princeton University, 1959

Chief of Party, Smallpox Eradication Program, Nigeria (Kaduna), 1968-; Operations Officer, Smallpox Eradication Program, Ivory Coast, 1966-1968; Public Health Advisor (VD), Atlanta, Georgia, 1964-1966; Public Health Advisor (VD), Berkeley, California, 1963-1964; Public Health Advisor (VD), San Jose, California, 1962-1963; Program Representative (VD), San Francisco, California, 1961-1962; Teaching Assistant, University of California, Berkeley, California, 1960-1961

HOPKINS, Donald R.

Earnestine

b. Miami, Florida, 1941

B.S., Morehouse College, 1962 M.D., University of Chicago, 1966

Medical Epidemiologist, Smallpox Eradication Program, Sierra Leone, 1967-; Intern, San Francisco General Hospital, 1966-1967

\*\*HUTCHINS, Deane L. b. Kingfield, Maine, 1924

Virginia Ruby Bradstreet
Martha Jean 1952
Sally Ann 1954
Nancy Lynn 1955
Rebecca Jane 1958

A.B., University of Maine, 1950 M.D., University of Rochester, 1954

Director, Clinical Services, University of Maine Infirmary, Orono, Maine, 1968-; Medical Epidemiologist, Smallpox Eradication Program, Nigeria (Kaduna), 1966-1968; Director, Clinical Services, University of Maine Infirmary, Orono, Maine, 1961-1966; Private Practice, Boothbay Harbor, Maine, 1956-1961; Resident, Worcester (Massachusetts) City Hospital, 1955-1956; Intern, Worcester City Hospital, 1954-1955

IMPERATO, Pascal James b. New York, New York, 1937

B.S., St. John's University, 1958 M.D., State University of New York, Downstate Medical Center, 1962 M.P.H. & T.M., Tulane University, 1966

Medical Epidemiologist, Smallpox Eradication Program, Mali, 1966-; Glorney-Raisbeck Fellow of the New York Academy of Medicine in the Division of Hygiene and Tropical Medicine, Tulane University School of Medicine, 1965; Research Fellow, International Center for Medical Research and Training, Tulane University-Universidad de Valle, Colombia, South America, 1965 (3 months); Visiting Instructor, Dept. of Medical Technology, New York City Community College, 1963-1965; Resident, Tropical Disease Clinic, Long Island College Hospital, New York, 1963-1965; Resident (Internal Medicine), Long Island College Hospital, New York, 1963-1965; Intern, Long Island College Hospital, New York, 1962-1963; Foreign Fellow, Association of American Medical Colleges, Kenya, Tanzania, and Uganda, 1961 (6 months); Research Fellow, Health Research Council of the City of New York, Department of Microbiology and Immunology, State University of New York, Downstate Medical Center, Summer, 1960

\*\*JENKINS, Lesley M. (Mike) b. Owosso, Michigan, 1942 Paula D. Paul L.

1968

A.A., Navarro Jr. College, 1962 B.A., Howard Payne College, 1964

Public Health Advisor (VD), Houston, Texas, 1969-; Operations Officer, Smallpox Eradication Program, Senegal-Gambia, 1968-1969; Public Health Advisor (VD), Memphis, Tennessee, 1967-1968; Public Health Advisor (VD), Houston, Texas, 1964-1967

JONES, Clara Juanita (Vicki) b. Memphis, Tennessee, 1935

Baylor University, 1953 Memphis State University, 1954-1956 Certificate, Hospital Administration, Georgia State University, 1959 B.B.A., Georgia State University, 1965

Operations Officer, Smallpox Eradication Program, Nigeria (Kaduna), 1966; Epidemiological Assistant, Hepatitis Surveillance Unit, Epidemiology Branch, 1963-1966; Morbidity Records Field Agent, Epidemic Investigations Branch, Georgia Department of Public Health, 1961-1963; Administrative Resident, Kennestone Hospital, Marietta, Georgia, 1959-1960; Surgical Technician, St. Joseph Infirmary, Atlanta, Georgia, 1958-1959; CB Technician, St. Joseph Hospital, Memphis, Tennessee, 1953

\*JONES, Warren R. b. Salt Lake City, Utah, 1937

Rebecca Lunt Brian Hamilton Warren Lunt

1965 1969

B.S., Brigham Young University, 1962 M.S., Brigham Young University, 1964

Deputy Chief, Area A, Smallpox Eradication Program, NCDC, Atlanta, 1969-; Graduate School (Public Health Administration), University of Michigan, Ann Arbor, Michigan, 1968-1969; Operations Officer, Smallpox Eradication Program, Nigeria (Lagos), 1967-1968; Operations Officer, Smallpox Eradication Program, Nigeria (Benin City), 1966-1967; Interviewing School Instructor, Atlanta, Georgia, 1965-1966; Program Representative (VD), Seattle and Yakima, Washington, 1964-1965

KARZEN, Jerome B.

Claudine

b. Chicago, Illinois, 1937

B.A., University of Illinois, 1960 M.A., University of Illinois, 1962

Operations Officer, Smallpox Eradication Program, Togo, 1969-; Public Health Advisor (VD), Los Angeles, California, 1964-1969

LANE, J. Michael

b. Newton, Massachusetts, 1936

B.A., Yale University, 1957 M.D., Harvard University, 1961 M.P.H., University of California, 1967

Chief, Domestic Branch, and Chief of Operations, Area C, Smallpox Eradication Program, Atlanta, 1967-; Epidemiologist, Smallpox Unit, Epidemiology Branch, 1964-1966; EIS Officer, Allegheny County, Pennsylvania, 1963; Intern, Bellevue Hospital, 1962-1963; Fellow in Infectious Diseases, Harvard Medical School, 1961-1962

LAPOINTE, Mark David b. Brunswick, Maine, 1941

Diane Marie McAvoy Mary Ruth

1967

A.B., Assumption College, 1963

Operations Officer, Smallpox Eradication Program, Mali, 1968-; Operations Officer, Smallpox Eradication Program, Gabon, 1966-1968; Teacher (English and French), Mechanic Falls High School, Mechanic Falls, Maine, 1965-1966; Peace Corps Volunteer, Guinea (Teaching and Ag. Ext.), 1963-1965

\*\*LARY, Darrel L.

b. Northfield, Minnesota, 1940

B.A., University of Minnesota, 1962 M.D., University of Minnesota Medical School, 1965

Senior Resident in Internal Medicine, University of California Medical Center, San Francisco, California, 1969-; Resident in Internal Medicine, University of California Medical Center, San Francisco, California, 1968-1969; EIS Officer, Smallpox Eradication Program, NCDC, Atlanta, 1967-1968; Resident (Internal Medicine), University of California, San Francisco, California, 1966-1967; Intern, University of Minnesota Hospitals, 1965-1966

### LEONARD, Thomas A. b. Springfield, Massachusetts, 1936

Mary Michael Maginnis Paul Thomas Mark Christopher

1963 1964

### B.A., Marquette University, 1962

Operations Officer, Smallpox Eradication Program, Upper Volta, 1968-; Operations Officer, Smallpox Eradication Program, Senegal-Gambia, 1967-1968; Operations Officer, Smallpox Eradication Program, Mauritania, 1966-1967; Senior Public Health Advisor (VD), Connecticut State Department of Health, 1965-1966; Public Health Representative (VD), New York City Department of Health, 1963-1965; Co-operative Employee (VD), New York City Department of Health, 1962-1963; U.S. Air Force, Saudi Arabia and Germany, 1955-1957

\*\*LEWIS, James O.

Betsy Henry

b. Fayetteville, North Carolina, 1932

A.B., University of North Carolina, 1957

Personnel Management Specialist, NCDC, Atlanta, 1968-; Operations Officer, Smallpox Eradication Program, Ghana, 1967-1968; Operations Officer, Smallpox Eradication Program, Nigeria (Ibadan), 1966; Supervisory Public Health Advisor (VD), Minneopolis, Minnesota, 1965; Public Health Advisor (VD), New Orleans, Louisiana, 1963-1964; Co-operative Employee (VD), Charlotte, North Carolina, 1962; Sales Representative, North Carolina and Florida, 1957-1961, U.S. Army, Orleans, France, 1954-1956

LINCOLN, Burton J. b. Bristow, Oklahoma, 1939 Janice

Gina Dina Nina 1958 1960

1960 1968

B.A., Northwestern State College, 1964

Operations Officer, Smallpox Eradication Program, Chad, 1969-; Public Health Advisor (Imm.), Kansas City, Missouri, 1967-1969; Public Health Advisor (VD), Akron, Ohio, 1966-1967; Public Health Advisor (VD), Gallup, New Mexico, 1965-1966; Program Representative (VD), Los Angeles, California, 1964-1965

- \*\*LONG, Gary W.
  - b. Fresno, California, 1937
  - B.A., Fresno State College, 1959; M.D., University of California, Los Angeles, 1963

Laboratory Officer, Vesicular Diseases Laboratory, Smallpox Eradication Program, Atlanta, 1967-1968; Resident, III, IV (Pathology), University of New Mexico, 1965-1967; Intern and Resident, II (Pathology), UCLA, 1963-1965

LOUP	IE, Bernard	
b.	Paris, France,	1936

A.B., Cornell University, 1958 M.D., New York Medical College, 1962 M.P.H., Johns Hopkins School of Hygiene, 1966

Acting Chief, Vesicular Disease Laboratory, NCDC, Atlanta, 1969-; Virology Trainee, Laboratory Program, NCDC, Atlanta, 1968-1969; Medical Epidemiologist, Smallpox Eradication Program, Chad-Central African Republic, 1966-1968; Community Health Director, Winslow Service Unit, Division of Indian Health, USPHS, 1964-1965; Intern, USPHS Hospital, Staten Island, New York, 1963

\*\*LICHFIELD, Paul R. b. Murry, Utah, 1938 Mary Lynn Buckmiller Michael Paul Steven Ralph

1963 1966

Assoc. of Science, Weber State College, 1958 B.S., Brigham Young University, 1963

Public Health Advisor (TB), Salt Lake City, Utah, 1968-; Operations Officer, Smallpox Eradication Program, Nigeria (Enugu), 1966-1967; Supervisory Public Health Advisor (VD), New Orleans, Louisiana, 1965-1966; Public Health Advisor (VD), Pendleton, Oregon, 1964-1965

LYLE, Mary Anne b. Atlanta, Georgia, 1932 Drury L. James M.

1948

Statistical Assistant, Smallpox Eradication Program, Atlanta, 1966-; Statistical Assistant, Office of the Chief, Surveillance Section, Epidemiology Branch, CDC, Atlanta, 1963-1965

**LYTHCOTT, George I.	Jean	
b. New York, New York, 1918	Ruth	1945
	George, III	1947
	Michael	1948
	Stephen	1950
B.S. Bates College 1939	Julie	1967

B.S., Bates College, 1939 M.D., Boston University, 1943

Associate Dean, College of Physicians and Surgeons, Columbia University, New York, New .! York, 1969-; Chief, Regional Office, Smallpox Eradication Program, Lagos, Nigeria, 1966-1969; Director, NIH-West African Research Laboratory, Ghana, Sept. 1965-June 1966; Director, Pediatric Chest Clinic, Korle-Bu Hospital, Accra, Ghana, 1962-1966; Deputy Director and Chief, Clinical Investigations Section, NIH-West African Research Laboratories, Ghana, 1962-1965; Assistant Professor of Pediatrics, University of Oklahoma, 1962- (on leave of absence); Consultant, Pediatrics, USPHS, Department of Indian Health (Oklahoma), 1957-1962; Director, Pediatric Clinics, University of Oklahoma, 1956-1959; Instructor in Pediatrics, University of Oklahoma, 1956-1962; Instructor in Pediatrics, New York University, 1955-1956; National Tuberculosis Association (Trudeau) Fellow in Chemotherapy, New York University-Bellevue Medical Center, 1955-1956; U.S. Air Force: Chief, Pediatric Section, Griffiss Air Force Base, 1953-1954, Mitchell Air Force Base, 1954-1955; Private Practice of Pediatrics, Boston, Massachusetts, 1947-1951; St. Albans, New York, 1951-1953; Oklahoma City, Oklahoma, 1956-1962 (part-time); Clinical Assistant in Pediatrics, Children's Medical Center, Boston, Massachusetts, 1946-1947; Chief Resident Physician (Pediatrics), Boston City Hospital, 1945-1946; Assistant Resident Physician (Pediatrics), Boston City Hospital, 1944-1945; Intern (Pediatrics), Boston City Hospital, 1943-1944

\*MACK, Thomas M. b. Reno, Nevada, 1936

Brita Peter Andrew Christiane Clare

1964 1966

B.A., Carleton College, 1957 M.D., Columbia University, 1961

Harvard School of Public Health, Boston, Massachusetts, 1968-; Medical Epidemiologist, Smallpox Eradication Program, Atlanta, 1968; Medical Epidemiologist, Pakistan Medical Research Center, Lahore, Pakistan, 1966-1968; Medical Epidemiologist, WHO-EURO, Copenhagen, Denmark, 1965-1966 (3 months); EIS Officer, Surveillance Section, Epidemiology Branch, CDC, Atlanta, 1964-1965; Fellow in Infectious Diseases, Seattle-King County Hospital, Seattle, Washington, 1963-1964; Resident, Internal Medicine, University of Washington Hospital, 1962-1963; Intern, Colorado General Hospital, 1961-1962

MALBERG, Donald R.

b. Durango, Colorado, 1937

Patricia Anne

Nancy Anne

1969

B.A., University of Colorado, 1964

Operations Officer, Smallpox Eradication Program, Guinea, 1967-; Public Health Advisor (VD), Berkeley, California, 1964-1967

MASSO, Anthony R.

b. Providence, Rhode Island, 1941

Elaine Angela

Melanie Elaine

Bartholomew Anthony

1967 1969

B.S., University of Rhode Island, 1963

Operations Officer, Smallpox Eradication Program, Niger (Niamey) 1966-; Special Assistant, Office of Public Affairs, Peace Corps, Washington, D.C., 1965-1966; Peace Corps Volunteer, Panama, 1963-1965

MCENANEY, John P.

b. Newton, Massachusetts, 1939

Celia Lorraine

A.B., Boston College, 1964

Operations Officer, Smallpox Eradication Program, Cameroon, 1966-; Program Representative (VD), New York, New York, 1964-1966

\*\*MELCHINGER, David B.

b. Glen Ridge, New Jersey, 1939

Christine

Glenn Theodore

1968

A.B., Harvard University, 1962 M.D., Yale University, 1966

Resident (Internal Medicine), Yale-New Haven Medical Center, New Haven, Connecticut, 1969-; Medical Epidemiologist, Smallpox Eradication Program, Ghana, 1967-1969; Intern, Yale-New Haven Hospital, 1966-1967

### MILLAR, J. Donald

b. Newport News, Virginia, 1934

Joan

John Stuart 1959 Alison Gordon 1962 Virginia Taylor 1965

B.S., University of Richmond, 1956 M.D., Medical College of Virginia, 1959

D.T.P.H., London School of Hygiene and Tropical Medicine, 1966

Director, Smallpox Eradication Program, NCDC, Atlanta, 1966-; Chief, Investigations Unit, Smallpox Eradication Program, CDC, 1966; Chief, Smallpox Unit, Surveillance Section, Epidemiology Branch, CDC, 1963-1965; Deputy Chief, Surveillance Section, Epidemiology Branch, CDC, 1963-1964; EIS Officer, CDC, Atlanta, Chief, Epidemic Intelligence Service, 1962-1963; Assistant Chief, 1961-1962; Resident (Medicine), University of Utah, 1960-1961; Intern, University of Utah, 1959-1960

\*\*MOORE, Donald J.

b. El Centro, California, 1939

Barbara Marie Coffin

Michael Donald Darci Jill 1962 1966

A.B., University of California, 1961

M.D., University of Southern California, 1965

Resident, Neurosurgery, Los Angeles County General Hospital, Los Angeles, California, 1968-; Medical Epidemiologist, Smallpox Eradication Program, Niger, 1966-1968; Intern, San Diego County Hospital, 1965-1966; Externe, Hollywood Presbyterian Hospital, 1964-1965; Epidemiology Trainee, California Department of Public Health, 1964; Laboratory Technologist, Los Angeles County Hospital, 1963-1964

MORRIS, Leo

b. Boston, Massachusetts, 1935

Jane

Kimberly Lorinda 1963 1965

Eliana

1968

B.S., University of Florida, 1959 M.P.H., University of Michigan, 1963

Statistician, Pan American Health Organization, Rio de Janeiro, Brazil, 1967-; Assistant Chief and Chief, Statistics, Smallpox Eradication Program, Atlanta, 1966-1967; Assistant Chief, Surveillance Section, Epidemiology Branch, 1964-1965; Statistician, Surveillance Section, Epidemiology Branch, 1963-1964; Statistician, Poliomyelitis Surveillance Unit, Surveillance Section, 1961-1962; EIS Officer, Poliomyelitis Surveillance Unit, Epidemiology Branch, CDC, Atlanta, 1959-1961

MUSANTE, Edward John b. Honolulu, Hawaii, 1942

Joan Marie

A.B., University of California, 1966

Operations Officer, Smallpox Eradication Program, Senegal, 1969-; Public Health Advisor (VD), San Francisco, California, 1968-1969

NELSON, John W.

b. Erie, Pennsylvania, 1940

Patricia

Kelly Ann

1966

B.S., Xavier University, 1963

Operations Officer, Smallpox Eradication Program, Dahomey, 1969-; District Supervisor (VD), New York, New York, 1968-1969; Clinic Coordinator (VD), New York, New York, 1966-1967; Field Epidemiologist (VD), New York, New York, 1964-1965

NEWBERRY, M. David	Ardyce Glee	
b. Ensign, Kansas, 1934	Patrick Kent	1955
	Elizabeth Anne	1957
	Teresa Louise	1958
	Michael David	1960
	Philip Allen	1962

### B.A., Friends University, 1963

Operations Officer, Smallpox Eradication Program, Ghana, 1968-; Public Health Advisor (TB), Memphis, Tennessee, 1967-1968; Public Health Advisor (VD), New York, New York, 1964-1967; Lab. Research Assistant, Midwest Medical Research Foundation, Wichita, Kansas, 1963-1964

**NOBLE, John, Jr.	Mary Bartol	
b. Boston, Massachusetts, 1937	John, III	1964
	Cyrus B.	1966
	Patrick Tracy	1968

B.A., Harvard University, 1959M.D., College of Physicians and Surgeons, Columbia University, 1963

Senior Resident, Department of International Medicine, Massachusetts General Hospital, 1969-; Chief, Vesicular Diseases Laboratory, Smallpox Eradication Program, Atlanta, 1969; Acting Chief, Vesicular Diseases Laboratory, Smallpox Eradication Program, Atlanta, 1966-1968; Virus Reference Unit, Laboratory Branch, CDC, Atlanta, 1965-1966; Intern and Resident, Massachusetts General Hospital, 1963-1965

OLSEN, Dennis G.

Caroline

b. New Plymouth, Idaho, 1939

B.S., University of Oregon, 1962

Operations Officer, Smallpox Eradication Program, Liberia, 1967-; Public Health Advisor (VD), Los Angeles, California, 1963-1967

PETERS, Bruce F.

Aulana Louise

b. Alta, Iowa, 1936

B.A., Northwestern University, 1958 M.D., Northwestern Medical School, 1964

Medical Epidemiologist, Smallpox Eradication Program, Cameroon, 1968-; Evaluation Officer, Malaria Eradication Program, El Salvador, 1967-1968; Resident, (Pediatrics), Los Angeles County General Hospital, Los Angeles, California, 1966-1967; Intern (Rotating), Los Angeles County General Hospital, Los Angeles, California, 1964-1965

PIFER, John M.

b. Buffalo, New York, 1941

A.B., University of Rochester, 1963 M.D., State University of New York at Buffalo, 1966

Medical Epidemiologist, Smallpox Eradication Program, Nigeria (Kaduna), 1967-; Intern, UCLA Medical Center, 1966-1967

ROBBINS, Gordon b. Oakland, California, 1931 Barbara Ann George Ann Kathleen Kimberly Diane John Gordon

1955 1959 1962

B.A., University of California, 1953 M.P.H., University of California, 1960

Health Educator, Smallpox Eradication Program, Regional Office, Lagos, Nigeria, 1966; Director of Health Education, Orange County (California) Health Department, 1963-1966; Health Educator, Los Angeles County (California) Health Department, 1960-1963; Trainee, Health Education, California State Health Department, 1958-1959; University of California Dental School, 1956-1958; Sanitarian, City of Oakland, California, 1955-1956; Commissioned Officer, Army (Ordinance), 1953-1955; Sanitarian, University of California, June 1953-December 1953

\*\*ROBERTO, Ronald R.

b. Oakland, California, 1932

B.A., University of California, 1957
M.D., University of California, 1960
D.T.P.H., London School of Hygiene and Tropical Medicine, 1965

Senior Research Fellow, Dept. of Preventive Medicine, University of Washington School of Medicine, Seattle, Washington, 1967-; Chief, Smallpox Investigations Unit, Smallpox Eradication Program, Atlanta, 1965-1967; EIS Officer, Surveillance Section, Epidemiology Program, CDC, 1962-1964; Resident (Pathology), Boston City Hospital, Mallory Institute of Pathology, 1961-1962; Intern, King County Hospital, Seattle, Washington, 1960-1961

ROOTS, Logan H. b. Anking, China, 1939 Joy Waldron

 April
 1963

 Logan
 1965

 Ellen Holt
 1968

B.A., Hamilton College, 1961 CPLF, Sorbonne, Paris, France, 1960 M.D., Harvard, 1966

Medical Epidemiologist, Smallpox Eradication Program, Niger, 1968-; EIS Officer, New Mexico Department of Public Health, Santa Fe, New Mexico, 1967-1968; Intern, King County Hospital, Seattle, Washington, 1966-1967

### \*\*ROSENBLOOM, Arlan L.

b. Milwaukee, Wisconsin, 1934

### Edith Kathleen Peterson

Eric David 1960 Maliah Jo 1962 Disa Lynn 1963 Harris Phillip 1966

B.A., University of Wisconsin, 1955 M.D., University of Wisconsin, 1958

Department of Pediatrics, University of Florida College of Medicine, Gainesville, Florida, 1968-; Medical Epidemiologist, Smallpox Eradication Program, Cameroon-Gabon, 1966-1968; Fellow in Pediatric Endocrinology, University of Wisconsin Children's Hospital, Madison, Wisconsin, 1963-1964, 1965-1966; Chief Resident in Pediatrics, University of Wisconsin Children's Hospital, 1965; Resident (Pediatrics), University of Wisconsin Children's Hospital, 1964-1965; Medical Officer, Pahang, Malaysia, 1961-1962; Physician-in-Charge, MEDICO Hospital, Kratie, Cambodia, 1960-1961; Resident (General Practice), General Hospital Ventura County (California), 1959-1960; Intern (Rotating), Los Angeles County General Hospital, 1958-1959

### ROTHSTEIN, Nathaniel

b. New York, New York, 1920

Anne H.

Robert C. 1947 Kenneth J. 1948

Ellen Paul

1951

College of the City of New York, 1937-1940
George Washington University, 1941
Army Specialized Training Program (Chem. Eng.), University of Oklahoma, 1943
B.S., George Washington University, 1950
M.S., George Washington University, 1953
George Washington University, 1953-1955

Virologist, Smallpox Eradication Program, Regional Office, Lagos, Nigeria, 1966-; Research Microbiologist and Acting Chief, Infectious Diseases Section, NIH-West African Laboratory, Accra, Ghana, 1962-1965; Chief, Immunology Section, Division of Veterinary Medicine, Walter Reed Army Institute of Research, 1961-1962; Bacteriologist, Division of Veterinary Medicine, Walter Reed Army Institute of Research, 1957-1961; Bacteriologist, Department of Veterinary Chemistry, Walter Reed Army Institute of Research, 1946-1957; Military Service, Medical Department, U.S. Army, 1942-1946

### \*\*ROY, Muriel Therese

b. Nashua, New Hampshire, 1928

Nashua, New Hampshire, 1969-; Secretary, Smallpox Eradication Program, Regional Office, Lagos, Nigeria, 1966-1968; Secretary, Agency for International Development, Cotonou, Dahomey, 1965-1966; Secretary, Agency for International Development, Kinshasa (Leopoldville), Congo, 1964-1965; Administrative Secretary, Sanders Associates, Inc., Nashua, New Hampshire, 1956-1957; General Office Clerk, Palm Dress, Nashua, New Hampshire, 1956-1957; General Office Clerk, Granite State Knitting Company, Nashua, New Hampshire, 1947-1956

ROY, Jeannel A.

b. Winslow, Maine, 1941

B.A., Mary Knoll College, 1963 M.A., Columbia University, 1966

Operations Officer, Smallpox Eradication Program, Dahomey, 1966-; Peace Corps Volunteer, West Cameroon, 1963-1965

RUBEN, Frederick L. b. Teheran, Iran, 1938 Susan P.
Michael Frederick

1968

A.B., Duke University, 1960 M.D., Duke University, 1964

EIS Officer, Smallpox Eradication Program, Atlanta, 1968-; Resident in Medicine, Cleveland Metropolitan General Hospital, Cleveland, Ohio, 1965-1966, 1967-1968; Resident in Charge, Infectious Diseases, Cleveland Metropolitan General Hospital, Cleveland, Ohio, 1966-1967

SHOEMAKER, William Dennis, Jr. b. Kent, Ohio, 1925 Dorothy Wright Dennis Craig

1952

Duke University, 1943-1944

Equipment Specialist, Smallpox Eradication Program, Nigeria (Kaduna), 1968-; Equipment Specialist, Smallpox Eradication Program, Regional Office, Lagos, Nigeria, 1966-1968; Engineering Technician/Administrative Assistant, CDC, Venereal Disease Research Laboratory, Chamblee, 1961-1966; Engineering Technician/Administrative Assistant, VDEL, University of North Carolina, Chapel Hill, North Carolina, 1957-1961; Engineering Technician, VDEL, University of North Carolina, Chapel Hill, N.C., 1954-1957; Supply Clerk, VDEL, University of North Carolina, Chapel, N.C., 1953-1954; Pipeline Supervisor, City of Durham, Water Department, 1946-1953

STROH, George

Elaine

b. Detroit, Michigan, 1935

Geoffrey Christina 1958 1960

B.A., University of Colorado, 1962

Operations Officer, Smallpox Eradication Program, Nigeria (Jos), 1969-; Public Health Advisor (VD), California State Department of Public Health, 1968-1969; Public Health Advisor (VD), Camp Pendleton, California, 1967-1968; Program Representative (VD), Los Angeles County Health Department, Los Angeles, California, 1966-1967

TELLER, Benjamin E.

b. Brooklyn, New York, 1941

Carole Ruth

B.A., Harvard, 1963 M.D., New York University, 1968

EIS Medical Epidemiologist, Smallpox Eradication Program, NCDC, Atlanta, 1969-; Intern, Bronx Municipal Hospital, 1968-1969

THOMPSON, David M.

Joan K.S. Stensland

b. Fargo, North Dakota, 1940

David Erik Kristin Beth

Nathan

1965 1967 1969

B.S., University of Minnesota, 1961 M.D., University of Minnesota, 1965

Medical Epidemiologist. Smallpox Eradication Program, Liberia, 1967-; Medical Epidemiologist, Smallpox Eradication Program, Nigeria (Enugu), 1966-1967; Intern, Hennepin County General Hospital, Minneapolis, Minnesota, 1965-1966



THORNTON, James N. b. Edmond, Oklahoma, 1940 

### B.S., Troy State College, 1961

Operations Officer, Smallpox Eradication Program, Sierra Leone, 1967-; Public Health Advisor (VD), Columbia, South Carolina, 1966-1967; Public Health Advisor (VD), Montgomery, Alabama, 1964-1966; Public Health Advisor (VD), Fort Lauderdale, Florida, 1963-1964; Teacher (High School English and World History), Jonesboro, Georgia, 1962-1963; Depot Hqs. Clerk, 149th Quartermaster Co. (Depot Sub), Fort Lee, Virginia, 1961-1962; Teacher (English), Forest Park, Georgia, August 1961-October 1961

\*\*VASTINE, David William
b. Danville, Pennsylvania, 1940.

B.A., Lehigh University, 1962 M.D., Jefferson Medical College, 1966

Jr. Asst. Resident in Surgery, University of California Hospitals, San Francisco Medical Center, San Francisco, California, 1969-; EIS Officer, Smallpox Eradication Program, Atlanta, 1967-1969; Intern, University of Virginia Hospital, 1967

VAUGHN, E. Catherine b. Ellenwood, Georgia, 1931

Secretary, USAID, Lagos, Nigeria, 1969-; Secretary, Smallpox Eradication Program, Regional Office, Lagos, Nigeria, 1968-1969; Secretary, National Medical Center, Liberia, 1966-1968; Administrative Clerk, Virology Section, NCDC, Atlanta, Georgia, 1962-1966; Secretary, U.S. Army 12th Corps, Atlanta, Georgia, 1961-1962; Secretary, U.S. Army (WAC), For Belvoir, Virginia, 1958-1960; Secretary, U.S. Army (WAC), Camp Zama, Japan, 1956-1958; Secretary, U.S. Army (WAC), Ft. McPherson, Georgia, 1955-1956

WADE, Lloyd W. b. Cresco, Iowa, 1930 Rebecca A.

B.A., University of Iowa, 1958

Operations Officer, Smallpox Eradication Program, Nigeria (Ibadan), 1967-; Superintendent, CDC Lawrenceville Facility, 1966; CDC Management Intern, Atlanta, Georgia, 1964-1966; Program Representative (VD), Oregon and Nevada, 1963-1964; Graduate Student, University of Colorado, 1962-1963; High School Instructor (English and German), Wisconsin, 1960-1962; Research Assistant, University of Iowa, 1959-1960; U.S. Air Force, 1947-1956

WEST, James W.

b. Turkey, North Carolina, 1934

Nancy Robin Nania

1961

B.S., North Carolina State University, 1959

Acting Chief and Administrative Officer, Smallpox Eradication Program, Regional Office, Lagos, Nigeria, 1969-; Administrative Officer, Smallpox Eradication Program, Regional Office, Lagos, Nigeria, 1968-1969; Project Coordinator and Public Health Advisor (Immunization Program, NCDC), Harrisburg, Pennsylvania, 1966-1968; Project Coordinator and Public Health Advisor (Immunization Program, NCDC), New Orleans, Louisiana, 1964-1966; Supervisory Public Health Advisor (VD), Buffalo, New York, 1962-1964; Program Representative (VD), Wilson, North Carolina, 1961-1962

WILSON, John E.

Alene

b. Bishopville, South Carolina, 1941

B#A., South Carolina State College, 1963

Operations Officer, Smallpox Eradication Program, Nigeria (Kaduna), 1969-; Public Health Advisor (TB), Philadelphia, Pennsylvania, 1968-1969; Public Health Advisor (TB), Cleveland, Ohio, 1966-1968; Public Health Advisor (VD), New York City and Nassau County, New York, 1963-1966

\*\*WHITE, William J., Jr.

b. Binghamton, New York, 1940

Claire L. Brady

Christopher

1964

Deidre Elizabeth Douglas Brady 1967 1969

B.S., King's College, 1962

Public Health Advisor (TB), New York, New York, 1968-; Operations Officer, Smallpox Eradication Program, Upper Volta, 1966-1968; Public Health Advisor (VD), New York City, 1963-1965; Program Representative (VD), New York City, 1962-1963; Investigator (VD), New York City, June 1962-July 1962

