VITA

NAME: Ellis R. Kerley

BIRTH: Covington, Kentucky, September 1, 1924

MARRIED: Mary D. Adams. Three daughters.

EDUCATION: Bachelor of Science, University of Kentucky, 1950.
Master of Science, University of Michigan, 1956.
Doctor of Philosophy, University of Michigan, 1962.

PROFESSIONAL:

Staff Anthropologist, Bowman Gray School of Medicine, Department of Medical Genetics, 1950-1953. (Genetic, serologic and anthropometric survey of an inbred mountain county in North Carolina).

Physical Anthropologist, Department of the Army, Graves Registration, Central Identification Laboratory, Kokura, Japan, 1954-1955. (Identification of the United Nations War Dead from the Korean War).

Teaching Fellow in Physical Anthropology and Research Assistant in the Heredity Clinic and Physical Anthropology Laboratory, University of Michigan, Ann Arbor, 1956-57.

Physical Anthropologist, Veterans Administration, Armed Forces Institute of Pathology, 1957-1966. (Research into age changes in bone; evolutionary patterns in bone; constitution and stress

fractures; body type, bone growth, anthropometry and radiometry in chimpanzees; nutritional effects on bone in monkeys, skeletal identification of human remains, consultations for the FBI, Aerospace and Forensic Pathology Branches and for other anthropologists in paleopathology. Teaching in annual Armed Forces Institute of Pathology post-graduate courses and by invitational lectures at other institutions and universities).

Visiting Associate Professor, University of Kentucky. 1965-66.

Associate Professor, University of Kansas. 1966-1969.

Professor of Anthropology, University of Kansas. 1969-1971.

Professor & Director of Anthropology, University of Maryland. 1972-1974.

Professor and Chairman, Department of Anthropology, University of Maryland. 1974-1978.

Professor of Anthropology, University of Maryland. 1978-1987.

Visiting Professor of Anatomy, University of Puerto Rico Medical School. 1980-1981. (Sabbatical year).

Forensic Anthropology Consultant, US Army Central Identification Laboratory, Ft. Shafter, Hawaii. 1987-1988.

Scientific Director, US Army Central Identification Laboratory, Ft. Shafter, Hawaii. 1988-->

Retired June 1, 1991.

SCHOLARLY-PROFESSIONAL SOCIETY MEMBERSHIP AND OFFICES:

President, American Board of Forensic Anthropology. 1977-1980. Director, 1983-1986.

President, Forensic Science Foundation. 1977-1980.

President, American Academy of Forensic Sciences. 1990-1991.

President Elect, American Academy of Forensic Sciences. 1989-1990.

Vice President, American Academy of Forensic Sciences. 1974-1975, 1979-1980.

Treasurer, American Academy of Forensic Sciences. 1977-1979. (Two terms).

Chairman, Financial Management Committee, American Academy of Forensic Sciences. 1974-1975.

Secretary, Board of Trustees, Forensic Science Foundation. 1976-1977.

Executive Committee, American Academy of Forensic Sciences. 1972-1975, 1984-1987, 1987-1989.

Academic Council, American Academy of Forensic Sciences. 1972, 1973, 1975.

Chairman, Membership Committee, American Academy of Forensic Sciences. 1979-1980.

Chairman, Physical Anthropology Section, American Academy of Forensic Sciences. 1972, 1973, 1975.

Editorial Board, *Journal of Forensic Sciences*. 1976-->

Joint Advisory Committee, Law Enforcement Assistance Administration. 1973-1975.

Fellow, American Academy of Forensic Sciences.

Member, American Association of Physical Anthropologists.

HONORS AND AWARDS:

Certificate of Merit, American Academy of Forensic Sciences. 1974, 1979, 1980.

Physical Anthropology Section Award, American Academy of Forensic Sciences. 1980.

Diplomate, American Board of Forensic Anthropology. Certificate #1.

Member, Society of Sigma Xi. 1965-1987.

Treasurer, Maryland Chapter, Society of Sigma Xi. 1983-85.

President, Maryland Chapter, Society of Sigma Xi. 1986-87.

PUBLICATIONS:

The Presence of Organic Structure in Fossilized Bone. Abstract: *American Journal of Physical Anthropology,* 15:446-447. 1957.

The Microscopic Determination of Age in Human Bone. (Doctoral Dissertation). University Microfilms, Inc. Ann Arbor, Michigan (62-3247). 1962.

Report of Possible Syphilis. In: INDIAN BURIALS FROM ST. PETERSBURG, FLORIDA. (Snow, Charles E.). *Contributions of the Florida State Museum,* 8:20-23. 1962.

Histogenesis of Stress Fractures. (Johnson, Stradford, Geise, Dineen & Kerley). Abstract. *Journal of Bone and Joint Surgery,* 45A:1542. 1963.

The Microscopic Determination of Age in Human Bone. *American Journal of Physical Anthropology,* 23:149-163. 1965.

A Critical Consideration of Roentgenology and Microscopy in Paleopathology. *HUMAN PALEOPATHOLOGY* Saul Jarcho, Editor. Yale University Press. Pages 150-170. (Blumberg & Kerley). 1966.

Skeletal Age Changes in the Chimpanzee. *Tulane Studies in Zoology,* 13:71-82. 1966.

Paleopathology: Meeting Ground for Many Disciplines. *Science,* 157:638-644. (Kerley and Bass). 1967.

Review: PALEOPATHOLOGY: Diseases in Antiquity, by Brothwell and Sandison. *Science,* 161:875-876. 1968.

Age Determination of Bone Fragments. *Journal of Forensic Sciences,* 14:59-67. 1969.

Review: PRACTICAL ANTHROPOLOGY, by Olivier. *Plains Anthropologist,* 14:322. 1969.

IDENTIFICATION OF SKELETAL REMAINS: A Syllabus with 64 Lantern Slides. American Registry of Pathology, Washington, D.C. 1969.

Estimation of Skeletal Age: After About Age 30. Chapter 7 in *PERSONAL IDENTIFICATION IN MASS DISASTERS* T. D. Stewart, Editor. U.S. National Museum, Smithsonian Institution, Washington, D. C. 1970.

Recent Advances in Paleopathology. Chapter 8 in *MODERN METHODS IN THE HISTORY OF MEDICINE* Edwin C. Clarke, Editor. Athlone Press, London. 1971.

An Epoxy Method of Embedding Hair for Histologic

Sectioning. (Rosen and Kerley). *Journal of Forensic Sciences,* 16:236-240. 1971.

Special Observations in Skeletal Identification. *Journal of Forensic Sciences,* 17:349-357. 1972.

Forensic Anthropology. Chapter 9 in the *Legal Medicine Annual 1975.* Cyril Wecht, Editor. Appleton-Century Crofts, New York. 1973.

The Identification of Hawaiian Head Hair. (Kerley and Rosen). *Journal of Forensic Sciences,* 18:351-355. 1973.

Review: PEOPLE OF THE AMERICAS, by T. D. Stewart. *American Journal of Physical Anthropology,* Volume 40. 1974.

Forensic Anthropology and Crimes Involving Children. *Journal of Forensic Sciences,* 21:333-339. 1976.

The Teaching of Paleopathology in North America. *Paleopathology Monograph Number* 1. 1976.

Forensic Anthropology. Chapter 1, Section V in *FORENSIC MEDICINE: A Study in Trauma and Environmental Hazards.* Tedeschi, Eckert and Tedeschi, Editors. W. B. Saunders, Philadelphia. 1977.

The Identification of Battered Infant Skeletons. *Journal of Forensic Sciences,* 23:163-168. 1978.

Revisions in the Microscopic Method of Estimating Age at Death in Human Cortical Bone. (Kerley and Ubelaker). *American Journal of Physical Anthropology,* 49:545-546. 1978.

Recent Developments in Forensic Anthropology. *Yearbook of Physical Anthropology 1978.* Yearbook Series 21:160-173. 1978.

Review: FORENSIC ANTHROPOLOGY: The Structure, Morphology and Variation of Human Bone and Dentition, by El-Najaar and McWilliams.

American Journal of Physical Anthropology, 49:395-396. 1978.

Foreword to *ESSENTIALS OF FORENSIC ANTHROPOLOGY* by T. D. Stewart. C. C. Thomas, Springfield. 1979.

Use of the Expert Witness. Forensic Anthropology. *Maryland Law Forum*, 8:124-160. 1979.

Forensic Anthropology. Chapter 27 in *FORENSIC SCIENCES*. Cyril Wecht, Editor. Matthew Bender, New York. 1981.

Forensic Anthropology: Increasing Utility in Civil and Criminal Cases. *Trial*, 19:66-111. 1983.

Microscopic Aging of Human Bone. Chapter 21 in *HUMAN IDENTIFICATION: Case Studies in Forensic Anthropology*. Rathbun and Buikstra, Editors. Charles C. Thomas, Springfield. 1984.

INVITATIONAL LECTURES:

Skeletal Identification. Arlington-Fairfax County Medical Association (by invitation or Dr. Enos). 1958.

Variations in Bone Structure with Age. Anatomy Department Guest Lecture, George Washington University (By invitation of Dr. Ira Telford, Chairman). 1961.

The Evolutionary History of Bone. Anatomy Department Guest Lecture, George Washington University (by invitation of Dr. Ira Telford, Chairman). 1963.

Body Typing Chimpanzees. Anatomy Department invitation of Dr. Ira Telford, Chairman). 1964.

Research into the Skeletal Structure of the Chimpanzee. Primatology Symposium commemorating the opening of the Delta Regional Primate Center (by invitation Dr. Riopelle, Director). 1964.

Identification of Human Remains. Frances Glessner Lee Seminar in Homicide Investigation, Harvard University (by invitation of Dr. Shields Warren, Head, Department of Legal Medicine). 1964, 1965, 1966.

Recent Developments in Physical Anthropology. Transylvania College (by Dr. S. McGann, Chairman of Economics, Psychology & Sociology). 1966.

The Identification of Skeletal Remains. Maxwell Air Force Base Hospital Invitational Lecture Series (by invitation of Col. Archdeacon, Chief of Surgery). 1966.

Identification of Human Remains. Michigan State Police Homicide Investigation Seminar (by invitation of Col. Frederick Davis). 1967.

Contemporary Issues in Medical Anthropology. University of Kansas Medical Center (by invitation of Dr. M. Pitel, Director of Nursing Education). 1967.

The Study of Growth. University of Kansas Medical Center (by invitationr of Dr. M. Pitel, Director of Nursing Education). 1967.

Growth and Age Changes in the Skeletal System. Univeristy of Kansas Medical Center (by invitation of Dr. Charles Wheeler, Chairman, Department of Medicine). 1968.

The Role of the Anthropologist in Identification. American Academy of Forensic Sciences Post-Graduate Course in Forensic Medicine (by invitation of Dr. Richard Froede, Course Director). 1973.

Forensic Anthropology. University of Tennessee (by invitation of Dr. William Bass, Head, Department of Anthropology). 1973.

Microscopic Age Changes in Bone. University of Tennessee (by invitation of Dr. William Bass, Head, Department of Anthropology). 1973.

Forensic Anthropology. Lecture to the Forensic Pathologists Course, Toronto, Ontario (by invitation of Dr. Hillsdon-Smith, Chief Medical Examiner of Ontario, Canada). 1974, 1976.

Human Evolution. University of Maryland School of Dentistry (by invitation of Drs. Owen & Provenza). 1974.

The Role of the Forensic Anthropologist. Lecture to the Western Conference on Criminal and Civil Problems, Wichita, Kansas (by invitation of Dr. William Eckert, Conference Director). 1974.

The Role of the Anthropologist in Medic-legal Identification. Armed Forces Institute of Pathology (by invitation of Dr. Richard Froede [1975] and Dr. Robert Thompson, Chief, Forensic Pathology Branch). 1976 --> 1979.

Forensic Problems in Identification. V Semana Internacional de Criminologia Sao Paulo, Brazil (by invitation of Dr. Ayush Morad, Director, Centro Internacional de Criminologia Biologica and Medico-legal, Sao Paulo). 1975.

The Identifications of Skeletons. Scientific Approaches to Major Crimes Symposium, Dade Co., Florida (by invitation of Ed Whittaker, Director of Dade County Public Safety Department). 1978.

Skeletal Identification. Louisiana District Attorneys

Association Homicide Seminar, New Orleans (by invitation of Pete Adams, LDAA Secretary). 1978, 1979.

Seminar of Skeletal Remains. (2) The Experts Look at the Medical Examiner and Coroner. National Association of Medical Examiners Annual Meeting, Newport, RI (by invitation of Dr. Sidney Weinberg). 1978.

Death and Dying. Seminar on Death and Dying, Memorial Hospital, New York (by invitation of Mrs. Milton Helpern, Auxiliary Chairwoman). 1979.

Grieving, Dying and Mourning. Fourth Irene Sachs Memorial Lecture, Montefiore Hospital, New York (by invitation of Dr. Kurt Elias, Chairman of Oncology). 1979.

The Use of Anatomy in Forensic Science. Lectura de Centro Medico de Universidad de Puerto Rico (by invitation of Dr. Miguel Schön, Chairman of Anatomy). 1980.

The Identification of Josef Mengele. Maryland Chapter of Phi Beta Kappa, University of Maryland (by invitation of Dr. Hohenstein, President) 1985.

Problems in Identification. Maryland State's Attorneys Association Annual Meeting, Seven Springs, Pa. (by invitation of the Secretary). 1986.

Identifying Human Remains. Texas State's Attorneys Association Annual Meeting, San Antonio, Texas (by invitation of the Secretary). 1986.

The Forensic Anthropologist's Role in Mass Disasters. Forensic Dentistry Seminar, University of Texas, San Antonio, Texas (by intivation of Dr. James Cottone). 1986.

I: Search and Recovery Techniques.
II. Methods of Skeletal Identification.
New York State Police Forensic Training Seminar, Albany, NY (by invitation of Dr. Michael Baden, Director of the Forensic Unit). 1986, 1987.

I: Identification of Josef Mengele and MOVE Victims. II: Methods of Recovery and Identification of Human Skeletal Remains. Henry F. Williams Homicide Investigation Seminar, New York State Police, Albany, New York. (by invitation of Superintendent Thomas Constantine). November 12-13, 1987.

Identification of Human Remains. Homicide Investigation Seminar, Pathology Department, Tripler Army Medical Center. (by invitation of LTC Collie M. Trant, Course Director). March 22, 1988.

1. What is an Identification? 2. The Identification of Josef Mengele. 3. Comparison of Facial Photographs. Seminar in Advanced Techniques of Identification. Spacecoast Institute for Medical & Legal Education. Orlando, Florida. (By invitation of Dr. William Maples & Jerome Hudepohl) May 14-15, 1988.

Exhumation and Skeletal Identification. Henry F. Williams Homicide Investigation Seminar, New York State Police, Albany, New York. (By invitation of Dr. Lowell Levine, Director, Forensic Science Unit). October 2-5, 1988.

Skeletal Identification. Tripler AMC Advanced Homicide Investigation Course (by invitation of Dr. Collie M. Trant, Forensic Pathologist). April 1990.

FORMAL LECTURES TO AFIP COURSES:

The Growth and Development of Bone. Orthopaedic Pathology Course. 1959 --> 1965.

Normal Skeletal Variations. Orthopaedic Pathology Course. 1959 --> 1960.

Normal Micro-anatomy of Bone. Orthopaedic Pathology Course. 1960 --> 1964.

Skeletal Variations and Their Significance. AFIP Post-Graduate Course in Orthopaedic Pathology. 1960 --> 1965, 1979.

Forensic Anthropology. Forensic Sciences Symposium, AFIP. 1964.

Growth and Age Changes in Human Bone. AFIP Post-Graduate Course in Orthopaedic Pathology. 1964.

The Identification of Skeletal Remains. AFIP Post-Graduate Course in Forensic Pathology. 1960 --> 1965, 1979.

The Role of the Anthropologist in Aircraft Accident Investigation. Advanced Course in Aerospace Pathology. 1964, 1986.

Advanced Techniques of Skeletal Identification.

Lecture & Workshop. Advanced Course in Forensic Pathology, FBI Academy, Quantico, Virginia. 1977 --> 1980, 1982.

Anthropology in the Identification Process. AFIP Forensic Dentistry Post-Graduate Course. Lecture & Workshop. 1979.

PAPERS PRESENTED AT NATIONAL MEETINGS:

Cousin Marriage Rates in Western North Carolina. (Kerley and Herndon). American Society of Human Genetics Fifth Annual Meeting, Ithaca, NY. 1952.

The Presence of Organic Structure in Fossilized Bone. Twenty-Sixth Annual Meeting of the American Association of Physical Anthropologists, Ann Arbor, Michigan. 1957.

The Microscopic Determination of Age in Human Bone. Thirty-First Annual Meeting of the American Association of Physical Anthropologists, Philadelphia. 1962.

Histogenesis of Stress Fractures. (Johnson, Stradford, Geise, Dineen and Kerley). Orthopaedic Research Society, Miami, Fla. 1963.

Age Changes in Chimpanzee Skeletons. Thirty-Fifth Annual Meeting of the American Association of Physical Anthropologists, Berkley, Cal. 1966.

Age Determination of Bone Fragments. Twentieth Annual Meeting of the American Academy of Forensic Sciences, Chicago. 1968.

Age Determination of Adult Skeletons. Seminar on Human Identification. Smithsonian Institution, Washington, D. C. 1968.

An Epoxy Method of Embedding Hair for Histologic Sectioning. (Rosen and Kerley). Twenty-Third Annual Meeting of the American Academy of Forensic Sciences, Phoenix, Arizona. 1971.

Special Observations in Skeletal Identification. Plenary Session. Twenty-Fourth Annual Meeting of the American Academy of Forensic Sciences, Atlanta, Georgia. 1972.

Identification of Hawaiian Head Hair. (Kerley and Rosen). Twenty-Fifth Annual Meeting of the American Academy of Forensic Sciences, Las Vegas. 1973.

Sex Differences in Fingernails. Twenty-Sixth Annual Meeting of the American Academy of Forensic Sciences, Dallas, Texas. 1974.

Forensic Anthropology and Crimes Involving Children. Twenty-Seventh Annual Meeting of the American Academy of Forensic Sciences, Chicago. 1975.

Physical Anthropology and the Forensic Sciences. 44th Annual Meeting of the American Association of Physical Anthropologists, Denver. 1975.

The Use of Radiography in Forensic Anthropology. Twenty-Eighth Annual Meeting of the American Academy of Forensic Sciences, Washington, D.C. 1976.

Paleopathology in North America. Annual Meeting of the Paleopathology Association, St. Louis, Mo. 1976.

Identification of Battered Infant Skeletons. Twenty Ninth Annual Meeting of the American Academy of Forensic Sciences, San Diego, Cal. 1977.

John Paul Jones: 113 Years from Death to Autopsy. (Triple presentation by Field, Froede & Kerley). Thirtieth Annual Meeting of the American Academy of Forensic Sciences, St. Louis. 1978.

Burning and Position at the Time of Death. Thirty First Annual Meeting of the American Academy of Forensic Sciences, Atlanta, Georgia. 1979.

Anthropological Issues in the Investigation of the John F. Kennedy Assassination. (Kerley and Snow).

Thirty-Second Annual Meeting of the American Academy of Forensic Sciences, New Orleans. 1980.

The Life and Death of John Paul Jones. (Kerley, Field and Froede). Last Word Society. Thirty-Second Annual Meeting of the American Academy of Forensic Sciences, New Orleans. 1980.

Education in Anthropology and the Forensic Sciences. Forty-Ninth Annual Meeting of the American Association of Physical Anthropologists, Niagara Falls, N. Y. 1980.

Faces in the Crowd: Photographic Identification. Thirty-Fourth Annual Meeting of the American Academy of Forensic Sciences. Orlando, Fla. 1982.

The Trinil Femur: Gunshot Wound? Thirty-Fifth Annual Meeting of the American Academy of Forensic Sciences, Cincinnati, Ohio. 1983.

The Ethics of Confrontation. Thirty-Sixth Annual Meeting of the American Academy of Forensic Sciences, Anaheim, Cal. 1984.

Age Estimation from Bone Histomorphology. Fifty-Fifth Annual Meeting of the American Association of Physical Anthropologists, Philadelphia, Pa. 1984.

Honest, Was it Abe? Thirty-Seventh Annual Meeting of the American Academy of Forensic Sciences, Las Vegas. 1985.

The Identification of Josef Mengele. Plenary Session. Thirty-Eighth Annual Meeting of the American Academy of Forensic Sciences, New Orleans. 1986.

U.S. Army Identification. 40th Annual Meeting of the American Academy of Forensic Sciences, Philadelphia. 1988.

Forensic Anthropology: An Applied Alternative to Teaching. Fifty-ninth Annual Meeting of the American Association of Physical Anthropologists, Miami, Florida. 1990.

MISCELLANEOUS:

American Academy of Forensic Sciences Representative to the American Association for the Advancement of Science. 1977-1984.

Special Consultant to the Select Committee on Assassinations (John F. Kennedy) of the United States House of Representatives, Washington, D.C. 1978.

Editorial Policy Board, *Journal of Consumer Research*. (American Anthropological Association appointed representative). 1978-1980.

Scholarship Committee Chairman, Japan-America Society, Washington, D.C. 1978-1980.

"Changing Human Physicality." WAMU Radio: One Hour Discussion with Dr. T. D. Stewart (by invitation of Barbara Tempchin, Director). 1979.

Chairman, Educational Guidelines Committee. Forensic Sciences Foundation Project for the National Institute of Law and Criminal Justice. 1979-1980.

Editorial Board, *Forensic Science International*. Copenhagen, Denmark. 1981 -->

Consultant to United States Marshals. Identified the remains of Josef Mengele in Sao Paulo, Brazil. 1985.

Consultant to the Philadelphia Special Investigation Commission. Identified the bodies of the MOVE incident victims. 1985.

Guest on "Good Morning, America" TV Program discussing the identification of Josef Mengele. 1985.

Consultant to the U.S. Army. Visited the Central Identification Laboratory as head of a three-person investigating team to evaluate the CILHI laboratory in Hawaii and recommend improvements.] 1985.

Consultant to NASA. Identification of the Challenger Astronauts. 1986.

Appointed to the Forensic Science Unit, New York State Police. May 19, 1986. Shield #10.

Consultant to the U.S. Army. (1). Member of the Scientific Review Panel for the ASGRO Board. (2). Resident Scientific Director at the Central Identification Laboratory in Hawaii. 1987-1988.

Deputy Medical Examiner, State of Delaware. 1988. By appointment by Dr. Ali Hameli, State Medical Examiner.

Member, Mid-Pacific Forensic Scientists Association 1989-->

Head of Forensic Remains Examination Team, Hanoi [6 visits] and Ho Chi Minh City [2 visit], Vietnam 1988-1989.

The Army Central Identification Laboratory. Honolulu Kiwanis Guest Speaker. 1989.

Member, Council of Scientific Society Presidents 1989-1990.

Guest Keynote Speaker, National Association of Medical Examiners Annual Meeting September 1991.