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CURRICULUM VITAE

ELIZABETH K. BALRAJ M.D.

1. GENERAL INFORMATION

- a. Born February 11, 1939, Salem, India
- b. Married May 20, 1965, one child.

2. ADDRESS

32795 Ledge Hill Drive
Solon, Ohio 44139

3. EDUCATION

Intermediate Science, Women's Christian College, Madras, India, 1954-57.

M.B.B.S., Christian Medical College Hospital, Vellore, India, 1957-62.

Rotating Internship, Christian Medical College Hospital, Vellore, India, 1962-63.

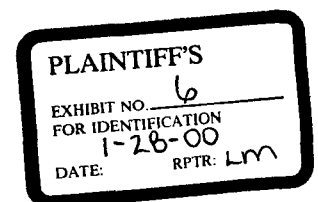
Resident Junior House Surgeon, Christian Medical College Hospital, Vellore, India, 1963-64.

Resident in Pathology, Akron General Hospital, (now Akron Medical Center), Akron, Ohio 1966-68.

Resident in Pathology, St. Luke's Hospital, Cleveland, Ohio, 1968-71.

Fellowship in Anatomic Pathology, St. Luke's Hospital, Cleveland, Ohio 1971-72.

Fellowship in Forensic Pathology, Cuyahoga County Coroner's Office, Cleveland, Ohio 1972-73.



4. PROFESSIONAL APPOINTMENTS

Staff Physician, Creighton - Freeman Christian Hospital, Vrindaban, India, 1964-65.

Instructor, Department of Pathology, University Hospitals, Cleveland, Ohio 1973-78.

Assistant Professor, Department of Pathology, University Hospitals, Cleveland, Ohio, 1978 - present.

Forensic Pathologist and Deputy Coroner, Cuyahoga County Coroner's Office, Cleveland, Ohio, 1973 thru June 10, 1987.

Appointed Coroner of Cuyahoga County, June 11, 1987 thru January 1, 1989.

Elected Coroner of Cuyahoga County, January 2, 1989 - present.

5. LICENSURE AND BOARD CERTIFICATION

Medical license, Madras Medical Council, India, 1963 - present.

Certified by the Educational Council for Foreign Medical Graduates (ECFMG), 1966.

Board Certification in Anatomic Pathology, 1971.

Medical License, Ohio, 1972.

Board Certification in Forensic Pathology, 1974.

6. MEMBERSHIP IN PROFESSIONAL SOCIETIES

Ohio State Medical Association.

Cleveland Academy of Medicine.

American Medical Women's Association.

American Academy of Forensic Sciences.

Cleveland Society of Pathologists.

Ohio State Coroners Association.

International Association of Coroners and Medical Examiners.

National Association of Medical Examiners.

American Society of Crime Laboratory Directors (ASCLAD).

Cuyahoga County Police Chiefs Association.

7. COMMITTEES

Chairperson, Legal Medicine Committee, Phase II, Case Western Reserve University, School of Medicine, 1982-1985.

Co-director of training program in forensic pathology, Cuyahoga County Coroner's Office, Cleveland, Ohio 1982 - June 10, 1987.

Director of training program in forensic pathology, Cuyahoga County Coroner's Office, Cleveland, Ohio, June 11, 1987 - present.

Member of the Board of Consultants, Safety Department Medical Bureau, The City of Cleveland, 1988 - present. President - 1994 to present.

Greater Cleveland Safety Council; Research and Statistics. Division Chairman - 1987 - present.

American Red Cross; Blood Services Northern Ohio Region, Tissue Transplantation Medical Advisory Committee.

Ohio State Coroners' Association - President, 1994 through 1995.

Chairperson, Board of Directors of Ohio State Coroner's Association, 1996 to 1998.

Graduate of Leadership Cleveland. Class of 1991.

Chairperson of Case Review Sub Committee of the Child Death Review Committee of Cuyahoga County, 1997 to present.

Child Death Review Committee of Cuyahoga County.

Domestic Violence Death Review Committee.

Board of Directors, Police Historical Society.

Ohio State Trauma Sub Committee.

Criminal Justice Supervisory Board.

Violence Against Women's Act Sub Committee.

Board of Directors American Cancer Society.

Cuyahoga Emergency Management Advisory Board.

Co-chairperson of Legislative Committee, Ohio State Coroner's Association, 1998.

Chairperson of Child Death Review Committee, 1998.

BIBLIOGRAPHY

R.E. Zumwalt, M.D.; Barbara Campbell, B.A.; Elizabeth K. Balraj M.D.; Lester Adelson, M.D.; and Mary Fransioli, M.D.; Wounding Characteristics of "Shotshell" Ammunition: A Report of Three Cases. Journal of Forensic Science, January 1981, P. 198 thru 205.

Oral Presentation at the 36th Annual Meeting of the American Academy of Forensic Sciences at Anaheim, California, February 21-25, 1984 - Atherosclerotic Coronary Artery Disease and "Low" Levels of Carboxyhemoglobin: Report of Fatalities and Discussion of Pathophysiologic Mechanism of Death.

Elizabeth K. Balraj M.D.: Atherosclerotic Coronary Artery Disease and "Low" Levels of Carboxyhemoglobin; Report of Fatalities and Discussion of Pathophysiologic Mechanisms of Death. Journal of Forensic Sciences, October, 1984, P. 1150 thru 1159.

Oral presentation at the Annual Meeting of the American Academy of Forensic Sciences held at Las Vegas, Nevada, February 11-16, 1985 - The Body That Did Not Get Buried
.....

Elizabeth K. Balraj M.D.; Barbara A. Campbell B.A.; C. Owen Lovejoy, Ph.D.; Elizabeth M. Robinson, DDS; James W. Simmelink, Ph.D.; Benjamin A. Kaufman M.D.; The Incinerator Case. Oral presentation at the 38th Annual Meeting of the American Academy of Forensic Sciences held at New Orleans, Louisiana, February 10-15, 1986.

Elizabeth M. Robinson DDS; James W. Simmelink, Ph.D., Elizabeth K. Balraj M.D., "The Identification of an Incinerated, Edentulous Victim. Oral presentation at the 28th Annual Meeting of the American Academy of Forensic Sciences held at New Orleans, Louisiana, February 10-15, 1986.

Contributed to the Section in Careers in Medicine: Traditional and Alternative Opportunities, Edited by T. Donald Rucker and Martin D. Keller, Garrett Park Press Publishers, 1986. Section 30 pp 202 thru 206; Forensic Medicine - Samuel R. Gerber and Elizabeth K. Balraj.

Wilson, L.D., Henning, R.J., Sutheimer, C.A., Lavins, E.S., Balraj, E.K., Earl, S.; Cocaethylene causes Dose dependent reductions in cardiac function in anesthetized dogs. Journal of cardiovascular pharmacology, 26:965 - 973 (1995).

Balraj, E.K., "Homicides in Females, on Downward Trend", Cleveland, Physician, September/October, 1995, Vol.80 No:6, Page 7.

Deaths due to Child Abuse - Report of three cases with unusual presentations. Presented at the 1997 American Academy of Forensic Sciences Annual Meeting, held in New York, New York. By Elizabeth K. Balraj M.D.

Application of DNA Analysis to Forensic Cases: The obvious and subtle physical evidence by Elizabeth K. Balraj M.D., Linda M. Luke, B.S., and Sandra A. Carmela-Miller Ph.D. Update, Ohio State Coroner's Association; Volume 11, March 1997.

Incidence of Pulmonary Hemosiderosis in infants dying suddenly (a retrospective and prospective review of Cuyahoga County Coroner's cases including Case Control Study). By Elizabeth K. Balraj M.D., Robert C. Challener M.D. and Dorr G. Dearborn Ph.D., M.D., Presented at the 1998 American Academy of Forensic Sciences Annual Meeting held in San Francisco, California.

Sudden Death due to Ventricular Septal Defect. Stephen D. Cole, Elizabeth Balraj and Michael Bell. Pediatric and Developmental Pathology 2, 327-332-1999. (1999 Society for Pathology)

QUALIFICATIONS OF ELIZABETH K. BALRAJ M.D.

CORONER OF CUYAHOGA COUNTY

The following information is provided to acquaint you with my qualifications.

From July 1, 1972 thru June 10, 1987, I have been employed as Pathologist and Deputy Coroner for the Cuyahoga County Coroner's Office, having been appointed by Doctor Gerber on July 1, 1972 and served continuously until my appointment as Coroner of Cuyahoga County on June 11, 1987. My prior training in the field of Pathology included two years of residency in pathology at Akron General Hospital, Akron, Ohio and [Bthree years of residency in pathology at St. Luke's Hospital, Cleveland, Ohio and one year of fellowship in anatomic pathology at St. Luke's Hospital.

My experience in Forensic Pathology has been gained at the Cuyahoga County Coroner's Office through association with Dr. Lester Adelson and Doctor Gerber. I have been personally involved in the investigation of more than 5000 deaths due to violence or suspected violence. This has included performing autopsies, studying reports of medical histories, of laboratory findings and law enforcement officers, correlating anatomic signs of injuries and signs of natural disease with information supplied concerning the circumstances of death, visiting scenes of injury, and other related duties entailed in determining the cause, mode and manner of death. I have testified in criminal and civil trials numerous times in Cuyahoga County courts and on a few occasions elsewhere in the State of Ohio. I have experience in dealing with bereaved families, physicians, funeral directors and the news media as well as with law enforcement officers and attorneys for the defense and for the prosecution. I have supervised several thousands of deaths due to violence or suspected violence.

I am licensed to practice medicine in the State of Ohio and am certified by the American Board of Pathology in both Forensic Pathology and Anatomic Pathology. My membership in professional organizations include: The Ohio State Medical Association, The Cleveland Academy of Medicine, The Cleveland Society of Pathology, the National Association of Medical Examiners and the American Academy of Forensic

Sciences. I have prepared and presented papers at meetings of the American Academy of Forensic Sciences. I am also a member of the Ohio State Coroners Association and the International Association of Coroners and Medical Examiners.

I am an Assistant Professor of Forensic Pathology at Case Western Reserve University School of Medicine. In that capacity, I have teaching responsibilities at the Coroner's Office, the Medical School, the Law School and the Center for Criminal Justice which provides academic courses for law enforcement officers.

On June 11, 1987, after the retirement of Dr. Samuel Gerber, I was appointed Coroner of Cuyahoga County. On November 1, 1988, I was elected Coroner of Cuyahoga County and after serving for four years was again re-elected as Coroner of Cuyahoga County and again re-elected in November, 1992, and subsequently re-elected continuously.

Elizabeth K. Balraj M.D.
Cuyahoga County Coroner
Assistant Professor of Forensic
Pathology - Case Western Reserve
University, School of Medicine

Revised: August 11. 1999.