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**Laurence R. Simson, M.D.**  
Forensic Pathologist

**Jay A. Siegel, Ph.D.**  
Analytical Chemist

**Jason S. Harner, B.S.**  
Forensic Chemist

## **Laurence R. Simson, Jr., M.D.**

### *Forensic Pathologist*

June 28, 2006

#### **EDUCATION**

- Denison University, Granville, Ohio, B.S. 1957
- University of Cincinnati, Cincinnati, Ohio, M.D. 1962

#### **INTERNSHIP**

- St. Luke's Hospital, Cleveland, Ohio 1962-1963

#### **RESIDENCY**

- Department of Pathology, The University of Michigan Medical Center, Ann Arbor, Michigan (Anatomic and Clinical Pathology) 1963-1967
- USAF School of Aerospace Medicine Brooks Air Force Base, Texas (Aerospace Medicine Primary Course) 1969
- The Southwestern Institute of Forensic Sciences. 1973 (March-June)  
The University of Texas, Southwestern, Dallas, Texas

#### **MEDICAL LICENSURE**

- Ohio (35-02-6026-S) 1962-present
- Michigan (#4301026232) 1964-present

#### **BOARD CERTIFICATION**

- The American Board of Pathology Anatomic and Clinical Pathology 1968
- Forensic Pathology 1974

#### **MEDICAL PRACTICE**

- Private Practice of Forensic Pathology, Lansing, Michigan 1971-1986  
Lansing Area Pathologists, P.C.
- Laurence R. Simson, Jr., M.D., P.C. 1987-present
- Associate Pathologist, Sparrow Hospital 1971-1999
- Co-Director of Laboratories, Sparrow Hospital 1975-1985 & 1993-1995
- Medical Director, Michigan Tissue Bank 1993-1998

- Forensic Pathologist, Sparrow Hospital 1974-1999
- Director, Forensic Pathology Services, Sparrow Hospital 1995-1999
- Member, Medical Staff, Sparrow Hospital 1971-present
- Consultant in Forensic Pathology and Forensic Medicine 1974-present

### **HOSPITAL SERVICE**

- Member, Medical Staff Executive Committee Sparrow Hospital 1975-1985
- Chief of Medical Staff, Sparrow Hospital 1982-1983
- Member, Board of Trustees, Sparrow Hospital 1982-1985

### **TEACHING APPOINTMENTS**

- Assistant Clinical Professor of Pathology Michigan State University 1971-1975
- Associate Clinical Professor of Pathology Michigan State University 1975-1978
- Clinical Professor of Pathology Michigan State University 1993-1999
- Adjunct Assistant Professor, School of Criminal Justice, Michigan State University 1974-1976
- Adjunct Associate Professor, School of Criminal Justice, Michigan State University 1976-1978
- Adjunct Professor, School of Criminal Justice, Michigan State University 1978-present
- Special Guest Lecturer in Aviation Pathology USAF School of Aerospace Medicine Brooks AFB, Texas 1971-1983
- Adjunct Instructor, USAF School of Aerospace Medicine, Brooks AFB, Texas 1983-1994
- Council of Forensic Pathology, American Society of Clinical Pathologists 1978-1980

### **CONSULTANTSHIPS**

- Consultant Forensic Pathologist to the Medical Examiner, Ingham County, Michigan 1976-1999
- National Consultant to Surgeon General USAF, (Aviation and Forensic Pathology) 1979-1994
- Member, Scientific Advisory Committee, Great Lakes Region, American Red Cross 1980-1992
- Chairman, Scientific Advisory Committee, Great Lakes Region, American Red Cross 1982-1986

### **PROFESSIONAL ORGANIZATIONS**

- American Society of Clinical Pathologists, Fellow
- American Academy of Forensic Sciences, Fellow
- National Association of Medical Examiners
- Aerospace Medical Association, Associate Fellow
- Michigan Society of Pathologists
- Michigan Association of Medical Examiners
- Michigan State Medical Society
- Ingham County (Michigan) Medical Society

### **MILITARY SERVICE**

- United States Air Force Active Duty July 1967 – Oct. 1971
- (Lt. Col) Chief, Laboratory Services, USAF Regional Hospital, Sheppard AFB, Texas Aug. 1997 – July 1970
- Assistant for Aerospace Pathology , HQ Air Training Command, Aug. 1970 – Oct. 1971

- Randolph AFB, Texas
- Military Consultant in Pathology to the Surgeon General, USAF July 1968 – July 1970
  - Consultant Pathologist, USAF Medical Service School June 1968 – July 1970  
Sheppard AFB, Texas
  - Lecturer in Aerospace Pathology, USAF School of Aerospace Medicine, 1969-1971  
Brooks AFB, Texas
  - Aeronautical Rating (Flight Surgeon) May 1969
  - Chief, Aerospace Medicine, USAF Regional Hospital, 1969-1970  
Sheppard AFB, Texas
  - Flight Surgeon, Randolph AFB, Texas 1970-1971

## **PUBLICATIONS**

1. Simson, L.R.: Some physiological correlates of psychological stress in the adrenal organs of the white mouse. *J. Sci. Lab., Denison Univ.* 44: 138-150, 1958.
2. Black-Schaffer, B., Hensley, G.T., and Simson, L.R.: Protection of the adult mouse against 1800 G. acceleration by hypothermic immersion. *Aerospace Med.* 32:1110-1126, 1961.
3. Simson, L.R.: Effects of temperature on biological systems. *Univ. Mich. Med. Center J.* 31:33-38, 1965.
4. Simson, L.R., Lein, D.M., and Oberman, H.A.: Plasmapheresis: An innovation in procurement of blood components. *Mich. Med.* 65:111-114, 1966.
5. Simson, L.R., Lein, D.M., Warner, C.L., and Oberman, H.A.: The long-term effects of repeated plasmapheresis. *Am. J. Clin. Path.* 45:367-372, 1966.
6. Simson, L.R., Oberman, H.A., Penner, J.A., Lein, D.M., and Warner, C.L.: A method for preparing plasma factor VIII (antihemophilic globulin) concentrate. *Am. J. Clin. Path.* 45:373-376, 1966.
7. Simson, L.R., Oberman, H.A., and Penner, J.A.: Clinical evaluation of cryoprecipitated Factor VIII. *J.A.M.A.* 199:554-558, 1967.
8. Simson, L.R., Lampe, I., and Abell, M.R.: Suprasellar germinomas. *Cancer* 22:533-544. 1968.
9. Simson, L.R.: "Cause of Death" is not enough. Medical investigation of fatal aircraft accidents. *USAF Med. Serv. Digest* 22:25-27, 1971.
10. Simson, L.R.: Investigation of fatal aircraft accidents: "Physiological incidents." *Aerospace Med.* 42:1002-1006, 1971.
11. Simson, L.R.: "Chin-sternum-heart syndrome." Cardiac injury associated with parachuting mishaps. *Aerospace Med.* 42:1214-1217, 1971.
12. Simson, L.R.: Roentgenography in the human factors investigation of fatal aviation accidents. *Aerospace Med.* 43:81-85, 1972.
13. Simson, L.R.: Human factors investigation of fatal aircraft accidents. *Forensic Sci. Gaz.* 4:2-5, 1973.
14. Simson, L.R.: Physiological and psychological investigations of fatal aircraft

accidents. 211-215 *AEROSPACE PATHOLOGY*. Reals, W.J. and Mason, J.K., Eds., Coll. Am. Path. Found., Chicago, Il. 1974.

15. Brantley, R.E., Campbell, E.W., Harrold, M., and Simson, L.R.: Angiomyolipoma presenting as fever of unknown origin. *Am. J. Med.* 57:843-846, 1974.
16. Simson, L.R.: Sudden death while attempting to conceal illegal drugs - Laryngeal obstruction by package of heroin. *J. Forensic Sci.* 21:378-380, 1976.
17. Brantley, R.E. and Simson, L.R.: Angiography and histopathology of nephroblastomatosis. *Radiology* 120:151-154, 1976.
18. Simson, L.R.: Thyrotoxicosis: postmortem diagnosis in an unexpected death. *J. Forensic Sci.* 21:831-832, 1976.
19. Simson, L.R. and Brantley, R.E.: Postural asphyxia as a cause of death in sudden infant death syndrome. *J. Forensic Sci.* 22:178-187, 1977.
20. Simson, L.R.: Aircraft death investigation: A comprehensive review. 338-361. *MODERN LEGAL MEDICINE, PSYCHIATRY, AND FORENSIC SCIENCE*. Curran, W.J., McGarry, A.L., and Petty, C.S., Eds. F.A. Davis, Co., Philadelphia, PA., 1980.
21. Green, E.D., Simson, L.R., et al: Cardiac concussion following softball blow to the chest. *Ann. Emerg. Med.* 9:155-157, 1980.
22. Melvin, J.R., Cronholm, L.S., Simson, L.R., and Issacs, A.M.: Bacterial transmigration as indicator of time of death. *J. Forensic Sci.* 29:412-417, 1984.
23. Sauer, N.J. and Simson, L.R.: Clarifying the role of forensic anthropologists in death investigations. *J. Forensic Sci.* 29:1081-1086, 1984.
24. Melvin, J.R., Kateley, J.R., Oaks, M.A., Simson, L.R., and Maldonado, W.E.: Paternity Testing. 273-346. *FORENSIC SCIENCE HANDBOOK, VOL. II*, Saferstein, R., Ed., Prentice-Hall, Inc., Englewood, N.J., 1988.
25. Sauer, N.J., Dunlap, S.S., and Simson, L.R.: Medicolegal investigation of an eighteenth century homicide. *Am. J. Forensic Med Pathol.* 9: 66-73, 1988.