



1999

Defendant's Exhibit 705: Lowell Levine CV

Lowell J. Levine

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CURRICULUM VITAE

LOWELL J. LEVINE, DDS
240 Bentwood Court West
Albany, N.Y. 12203

EMPLOYMENT

Director of Medicolegal Operations, Medicolegal Investigation,
New York State Police, Forensic Investigation Center,
1220 Washington Avenue, Albany, N.Y. 12203

Director of Operations, Forensic Sciences Unit, New York State
Police, Division Headquarters, Albany, New York 12226
1987-1996

TELEPHONE NUMBERS

New York State Police (518) 457-8678
(518) 457-6811 (24 hrs)

Private Office [REDACTED]

EDUCATION

New York University, New York City - DDS, 1963

Hobart College, Geneva, New York - BA, 1959

MILITARY SERVICE

Ensign, US Naval Reserve 1960

Active Duty, US Marine Corps Base, Camp Lejeune, NC 1963-65

Captain, US Naval Reserve 1981

Captain, US Naval Reserve(Retired), September 1989

ACADEMIC APPOINTMENTS

Clinical Associate Professor, Department of Forensic Medicine,
New York University School of Medicine 1976-84

Clinical Associate Professor, Department of Behavioral Sciences
& Community Health, New York University College of Dentistry
1976-81

ACADEMIC APPOINTMENTS (cont)

Clinical Associate Professor, Department of Operative Dentistry,
New York University, College of Dentistry, 1965-76
Member, Board of Directors, Institute of Forensic Medicine of
New York University and the City of New York, 1975
Director and Chairman of the Governing Board, Center of Forensic
Odontology, Institute of Forensic Medicine of New York
University and the City of New York, 1974-75

CONSULTANTSHIPS

TWA Flight 800 Investigation, Joint Terrorism Task Force, New York
State Police, July 1996
US Army Central Identification Laboratory, Honolulu, Hawaii,
1986 - present
Armed Forces Identification Review Board, Alexandria, Virginia
1986 - present
University of Florida Foundation, The Russian Federation, Moscow &
St. Petersburg, Czar Nicholas II and Family Death
Investigation 1993
University of Florida Foundation, The Russian Federation,
Sverdlovsk District, Ekaterinburg, Moscow, Czar Nicholas II
and Family Death Investigation, 1992
International Criminal Investigation Assistance Program, US
Department of Justice, Disaster Investigation, Republic of
Panama 1991
Consultant - Review of Forensic Sciences Services, Commissioner of
Public Safety, State of Mississippi, March 1988
Medicolegal Investigation of Missile Attack on USS Stark (FFG-31)
1987
Philadelphia Special Investigation Commission, MOVE
July-October 1987
Coordinator, Forensic Consultant Unit, New York State Police,
1985-87
Department of Defense, Review & Analysis of Central Identification
Laboratory, Hawaii, December 1985
Chief Forensic Odontologist, Office of the Medical Examiner,
Nassau County, New York
Organization of Human Rights, Forensic Training, San Jose, Costa
Rica
Supreme Court of Ecuador, Medicolegal Investigation, Quito, (1
Course), Guayquil, (2 Courses)
US Marshal's Service, US Department of Justice, Josef Mengele
Investigation
Office of Special Investigations, US Department of Justice, Josef
Mengele Investigation, Sao Paulo, Brazil and Washington, DC
Forensic Sciences, Subsecretary of Human Rights, Ministry of the
Interior, Republic of Argentina & American Association for the
Advancement of Science (sponsor: Ford Foundation), June 1984-
March 1985 (The "Disappeared" Investigation)

CONSULTANTSHIPS (cont)

Chief Consultant in Forensic Dentistry, Office of the Chief Medical Examiner, City of New York, 1969-80
National Institute of Justice, Law Enforcement Administration, Washington, DC
American Airlines Flight 191 Crash, O'Hare Airport, Chicago, 1979
Select Committee on Assassinations, John F. Kennedy Investigation, US House of Representatives, Washington, DC 1977-78
National Transportation Safety Board at Tenerife, Canary Islands PanAm-KLM 1977
American Airlines Flight 825 Crash, St. Thomas, USS Virgin Islands 1976
Eastern Airlines Flight 66 Crash, New York City 1975
Research Co-Investigator, Protection & Survival Division, Civil Aeromedical Institute, FAA Aeronautical Center, Oklahoma City, 1974-75
Death Investigation Advisory Group, Standards for Death Investigation Project, Forensic Sciences Foundation
National Conference, Implications of Child Abuse and Neglect for Dental Education and Dental Health Care; National Center for the Prevention and Treatment of Child Abuse and Neglect, Denver, Colorado
Consultant - Deputy Medical Examiner, Office of Chief Medical Examiner, State of Delaware 1985

QUALIFIED AS AN EXPERT WITNESS

New York	District of Columbia
New Jersey	Virginia
Connecticut	Florida
Pennsylvania	Louisiana
Massachusetts	Texas
Delaware	Illinois
California	Colorado
Wisconsin	US Army Court Martial
Washington	US Congress
Alaska	US Senate Judiciary Committee
Ohio	Maine
New Mexico	

EDITORIAL BOARDS - Served

The Journal of Forensic Sciences
Journal of the American Dental Association (time to time)
International Journal for Medicine & Law
International Microform Journal of Forensic Sciences
The American Journal of Forensic Medicine & Pathology, 1979-80

HONORS

Alumni Medal of Excellence, Hobart College, Geneva, New York 17th recipient, November 1992
Lecturer of Merit, National College of District Attorneys
Trustee, Forensic Sciences Foundation, 1977-81, 1981-85
Delegation Leader, Delegation of the American Association for the Advancement of Science to the Commission for the Disappeared Persons of the Republic of Argentina, Buenos Aires, June 1984
President, Forensic Sciences Foundation, 1983-84
Who's Who in the World, 1983-84
Fellow, American College of Dentists, 1983
Forensic Odontologist, Illinois Coroners Association, 1983
Award of Merit, Forensic Sciences Foundation, 1981
Award of Merit, INFORM (International Reference Organization) 1979
Treasurer, Forensic Sciences Foundation, Washington, DC, 1978-79
Award of Merit, American Academy of Forensic Sciences, 1977
Who's Who in America, 40th, 41st, 42nd Editions (1978-83), 43rd Edition
Who's Who in the East, 1972-73, 1974-75, 1976-77 Editions
Outstanding Young Men in the United States, 1970

PROFESSIONAL ORGANIZATIONS & OFFICES HELD

American Academy of Forensic Sciences, Fellow 1973
 President 1980-81
 President-Elect 1979-80
 Vice President 1977-78
 Executive Committee 1973-76
 Chairman, Odontology Section 1971-73
American Board of Forensic Odontology, Diplomate 1976
 President 1981-82
 Director 1977-83
 Member, Credentials & Examining Committee
 Member, Certification Planning Commission
Society of Medical Jurisprudence
American Dental Association
New York State Dental Society
International Association of Forensic Odontostomatology,
 Provisional First Vice President, 1975
New York Society of Forensic Sciences
International Association of Homicide Investigators Association

GUEST LECTURER OR FACULTY

Sex Crimes Investigators Course, New York City Police Department,
(on-going)
Armed Forces Institute of Pathology, Forensic Dentistry Course,
(on-going)
National College of District Attorneys, (on-going)
Colonel Henry F. Williams Homicide Seminar, New York State Police,
Albany, New York 1987 - present
National Law Enforcement Institute, multiple lectures
New Jersey State Police, Homicide Course
Suffolk County, N.Y. Police Homicide Investigator's Course
International Death Investigations of Historical Interest, Hobart
College, Geneva, N.Y.
New York Department of State Arson Investigators Training, Montour
Falls, New York, November 1987
American Dental Association, Terrorism Panel, Las Vegas, Nevada
October 1987
US Attorneys Law Enforcement Seminar, Albany and Syracuse, New
York, September 1987
International Association for Identification Meeting, Arlington,
Virginia, August 1987
Mass Disasters: Philadelphia Medical Examiners Office and
University of Pennsylvania Medical School, Philadelphia,
Pennsylvania, July 1987
AIDS: Law Enforcement Issues, Albany, New York, July 1987
Naval Investigative Service, Forensic Sciences, June 1987
Brigham Young University School of Law, 1986
New York State Police, BCI, ongoing
Senior Officer, US Navy Mission, Forensic Training, Jakarta,
Indonesia, 1986 (3 weeks Active Duty CNO's Office)
Southampton, New York Hospital, 1986
USNR Seabees Medical Conference, Greenboro, North Carolina, 1986
National College of District Attorneys, Career Prosecutors Course,
Houston, Texas, 1986
Pennsylvania Arson Investigators Association, State College,
Pennsylvania, 1986
National College of District Attorneys, Executive Prosecutors
Course, Houston, Texas, 1986
Society of Medical Jurisprudence, New York City, New York, 1986
New York State Police Forensic Sciences, Pulaski, New York, 1986
Greater Long Island Dental Meeting, Long Island, New York, 1986
National Law Enforcement Institute, Las Vegas, Nevada, 1986
CIOMR, NATO, Brussels, Belgium, 1986
Middlesex County Dental Society, Middlesex County, New York, 1986
US Naval Regional Dental Center, Philadelphia, December, 1985
Greater New York Dental Meeting, December 1985
National Law Enforcement Institute, Atlanta, November 1985
Nassau County, New York Dental Society, November 1985
Westchester County, New York Detectives Association, November 1985
Chief Coroner, Province of Ontario, Continuing Education Course, c
Toronto, October 1985

GUEST LECTURER OR FACULTY (cont)

New York State Coroners and Medical Examiners Association,
Syracuse, September 1985

New York State Police, Bureau of Criminal Investigation, Stipend
Training, 20 series, August - September 1985

Forensic Sciences Seminar, Colby College, Maine, August 1985

Forensic Dentistry Course, Federacion Odontologo Centro America y
Panama, San Jose, Costa Rica, December 1984

Illinois Coroners Association, Chicago, Illinois, November 1984

Northeastern Association of Forensic Scientists (NEAFS) Annual
Meeting, Nassau County, New York, October 1984

SUNY School of Dentistry, Stony Brook, New York, October 1984

Forensic Sciences/Forensic Odontology and Human Rights Violations,
American Association for the Advancement of Science, New York
City, May 1984

National Death Investigation Seminar, Central Missouri State
University, 1984

Pennsylvania State Police Academy, Hershey, Pennsylvania,
Kingsbrook Medical Center, Brooklyn, New York, April 1984

New York Law School, New York City, April 1984

Northern Virginia Criminal Justice Academy, February 1984

New York Criminal Defense Association, New York City, January 1984

Greater New York Dental Meeting, November 1983

Sheriff's Association of Texas, Huntsville, October 1983

Senior Marine Corps Medical Conference, Washington, DC, June 1983

Society of Medical Jurisprudence, New York City, April 1983

Northern Virginia Criminal Justice Academy, April 1983

New York State Police Homicide Seminar, Albany, New York, March
1983

East Tennessee Dental Society, Johnson City, March 1983

4th Marine Air Wing, Continuing Medical Education, New Orleans,
February 1983

Chicago Dental Society, February 1983

US Naval Reserve Continuing Education, Governor's Island, New York,
1982

Kings-Tulare Dental Societies, Visalia, California, November 1982

Forensic Sciences Course, Amarillo, Texas, November 1982

American Dental Association, Las Vegas, November 1982

Detroit Dental Society, October 1982

Casualty Care Course, US Navy, Norfolk, Virginia, September 1982

MCB Continuing Medical Education Seminar, Port Hueneme, California,
July 1982

Forensic Sciences Symposium, NYU, New York City, July 1982

FBI National Academy Associates, Niagara Falls, New York, June 1982

Naval Regional Medical Center, Philadelphia, Pennsylvania, May 1982

Alameda County Dental Society, Oakland, California, April 1982

Medical University of South Carolina, January 1982

Bite Mark Evidence, Nassau County Medical Examiner's Office

Southampton Hospital, Southampton, New York, November 1981

Naval Reserve Seminar, American Dental Association, Kansas City,
October 1981

GUEST LECTURER OR FACULTY (cont)

International Association for Identification, Chesapeake Bay, Delaware, October 1981
Forensic Sciences Symposium, AAFS-FSF, Snowmass, Colorado, September 1981 (Co-Chairman)
Forensic Sciences Symposium, New York University Medical School, July 1981
National Center for Child Abuse & Neglect, Denver, June 1981
Society of Medical Jurisprudence, New York City, March 1981
St. Louis University Medical School, May 1981
Bureau of Medicine and Surgery, US Navy, Washington, DC, April 1981
District Attorney Forensic Sciences Symposium, Suffolk County, New York, January 1981
University of California Dental Alumni Association, San Francisco, January 1981
Medical University of South Carolina, Charleston, January 1981
Naval Reserve Dental Seminar, Greater New York Dental Meeting, December 1980
New Hampshire Police Standards and Training Council, Concord, December 1980
Mid-East Association of Radiologic Technologists, New Jersey, October 1980
NEAFS, New Jersey, October 1980
St. Louis University Medical School, May 1980
Conference Por Invitacion, Quinto Symposium Internacionale De Graduscion En Medicina Legal, Mexico, DF, August 1980
Forensic Sciences Symposium, New York University Medical School, June 1980
St. Louis University Medical School, May 1980
Southshore Dental Society, Boston, April 1980
Delaware Department of Justice, April 1980
New York State Department of Justice, April 1980
New Jersey Radiologic Technologists, Great Gorge, March 1980
New York State District Attorney's Association, January 1980
Medical & Dental University of South Carolina, Charleston, January 1980
New York Academy of Dentistry, January 1980
Distinguished Scholars Lecture Series of Omega Kappa Upsilon Honor Fraternity, New York University College of Dentistry, December 1979
New York Ninth District Dental Society, Westchester, New York, November 1979
Forensic Death Investigation Seminar, DeKalb, Illinois, October 1979
Canadian Society of Forensic Sciences, Montreal, 1979
American Dental Association, Dallas, October 1979
Forensic Sciences, National District Attorney's Association, Snowmass, Colorado, September 1979 (Co-Chairman)
Forensic Dentistry, New York University Medical Center, June 1979
Beth Israel Hospital Center, New York City, 1979
Peninsula Hospital Center, Far Rockaway, New York, 1979

GUEST LECTURER OR FACULTY (cont)

Homicide Investigators Course, New York City Police Department, 1975-1979

Annual Symposium on Forensic Sciences, The Institute of Forensic Sciences of New York University & the City of New York, 1969 - 1979

The Expert's View of the Medical Examiner, National Association of Medical Examiners, Newport, Rhode Island, 1978

Forensic Sciences, National District Attorney's Association, Hershey, Pennsylvania, 1978

Bite Mark Workshop, Rhode Island Department of Health & Medical Examiner's Office, Providence, Rhode Island, 1978

Homicide Course, Dade County Department of Public Safety, Miami 1978

"Participant" Special National Workshop, Forensic Sciences Services and the Administration of Justice, LEAA, Kenner, Louisiana 1978

Forensic Dentistry, Chicago Midwinter Dental Meeting, 1978

Lecture Series, Chief Coroner, Province of Ontario, Toronto, 1977

Herkimer County Dental Society, 1977

"Invited Guest" V Reunion De La Academia Internacional De Medicina Legal Medicina Social, Caracas, Venezuela, 1977

Homicide Seminar, Louisiana District Attorney's Association, New Orleans, 1977

Dental Evidence in Air Crashes, Chicago Midwinter Dental Meeting, 1977

Oneida County Dental Society, 1976

Bite Mark Evidence, American Dental Association, Las Vegas, 1976

Forensic Dentistry, Greater New York Dental Meeting, 1976

Forensic Dentistry Course, University of California, San Francisco, California, 1976

Aviation Accident Investigation Seminar, 1976

Forensic Dentistry Course, University of Maryland College of Dental Surgery, Baltimore, Maryland, 1976

Forensic Odontology Seminar, Medical University of South Carolina, Charleston, South Carolina, 1976

Medicolegal Course, St. Francis University, Brooklyn, New York, 1976

Medicolegal Course, Provincial Forensic Pathologist, Toronto, 1974

Lecture Series, Chief Coroner, Province of Ontario, Toronto, 1974

Maine Medicolegal Society, 1974

Western Conference on Criminal and Civil Problems, Wichita, Kansas, 1974

Medicolegal Seminar, New Hampshire Police Standards and Training Council, 1974

Medicolegal Seminar, New England Conference of Police Administrators, 1973

National Death Investigation Seminar, Central Missouri State University, 1973

Continuing Educations Division, New York University Dental College

GUEST LECTURER OR FACULTY (cont)

First Symposium on Forensic Odontology, New York City Medical Examiner, 1971 (Program Chairman)
The Practicing Law Institute, Medical & Dental Malpractice, 1972

PUBLICATIONS

- "The Role of the Forensic Odontologist in Human Rights Investigations", American Journal of Forensic Medicine and Pathology, Masson Publication, New York City, New York, December 1984
- "The Investigation of the Human Remains of the 'Disappeared' in Argentina", CC. Snow, L.J. Levine, L. Lukash, L.G. Tedeschi, C. Orrego and E. Stover in Argentina, American Journal of Forensic Medicine and Pathology, Masson Publication, New York City, New York, December 1984
- Death Investigation and Examination, Lipskin, B.A.; Field, K.S.; Forensic Sciences Foundation Press, Colorado Springs, Colorado, 1984
- "Perpendicular Forensic Archaeology", Levine, Campbell, Rhine: Human Identification, Rathbun, T.A./Buikstra, J.E., Charles C. Thomas, Springfield, Illinois 1984
- "Bite Marks in Child Abuse" (Chapter 6), Clinical Management of Child Abuse & Neglect, Sanger, R.C.; Bross, D.C.; Quintessence Publishing Co., Chicago 1984
- "The Use of Forensic Odontology in the Investigation of Human Rights Violations", The American Journal of Forensic Medicine & Pathology
- "Bite Mark Evidence in Child Abuse" Proceedings, Implications of Child Abuse & Neglect for Dental Education and Dental Health Care, Roger Sanger, Editor, 1981
- "Bite Mark Evidence" (Chapter 9), An Outline of Forensic Dentistry, Cottone, J.A. & Standish, S.M., Medical Year Book Publication, 1981
- "The Investigation of Flight 191", Proceedings of the American Academy of Forensic Sciences, New Orleans, Louisiana, 1980
- Commentary: A Commitment to Forensic Dentistry, Journal of the American Dental Association, Volume 99, p.162, July 1979
- "The Richard O. Macek Homicide Cases", Proceedings of the American Academy of Forensic Sciences, St. Louis, Missouri, 1978
- "Identification in the St. Thomas Virgin Islands' American Airlines Crash", Lowell J. Levine, DDS & George T. Ward, DDS, Proceedings of the American Academy of Forensic Sciences, San Diego, California, 1977
- "Dental Evidence" Legal Medicine Annual, Appleton, Century and Crofts, New York City, 1978
- "Utilization of Dental Evidence in a Unique Mass Disaster", Lowell Levine, DDS; E.D. Woolridge, DDS, LL.B., FACD; New York Journal of Dentistry, Vol. 47, No. 3, March 1977

PUBLICATIONS (cont)

- "Bite Mark Evidence", Symposium on Forensic Dentistry: Legal Obligations and Methods of Identifications for the Practitioner, Dental Clinics of North America, Vol. 21, No.1, January 1977, W.B. Saunders, Philadelphia, Pennsylvania
- "Dental Identification in Eastern Flight #66", Proceedings of the American Academy of Forensic Sciences, Dallas, Texas, 1974
- "Computers in Forensic Dentistry", Plenary Session, Proceedings of the American Academy of Forensic Sciences, Dallas, Texas
- "The Child Murderer", Plenary Session, Proceedings of the American Academy of Forensic Sciences, Chicago, Illinois, 1975
- Cases of Significant Teaching Value, International Microform Journal of Legal Medicine 6 (4) Card 2, B9, C7, 1971
- Forensic Odontology, International Microform Journal of Legal Medicine, 6 (3) Card 5, B4, B13, 1971
- "A Case Report -- Dental Evidence in a Battering Child Homicide", The Journal of American Dental Association, Vol. 87, November 1973
- "Forensic Odontology" Legal Medicine Annual, Appleton, Century and Crofts, New York City, 1973
- "Dental Malpractice", Medical & Dental Malpractice --2nd, Litigation Course Handbook Series, Practising Law Institute (reprinted California & Kentucky Dental Journals)
- "The Use of Dental Characteristics in the Identification of Human Remains", I.J. Singh, BDS, Ph.D; L. Pental, DDS, FACD; A.D. Goren, DMD; and L.J. Levine, DDS: A Preliminary Study, Oral Surgery, Oral Medicine and Oral Pathology, No. 2, 35:275-281, February 1973
- "Bite Mark Evidence in Homicides", Police, August 1972
- "Forensic Odontology Today -- A New Forensic Science", The FBI Law Enforcement Bulletin, August 1972
- "Dentistry: An Emerging Forensic Science", New York State Journal of Medicine, Vol. 72, No. 7, April 1972
- "Forensic Odontology: A Routine Case & Commentary", New York State Dental Journal, Vol. 36, No.9, 539-542, 1970

LOWELL J. LEVINE, D.D.S.
240 Bentwood Court West
Albany, N.Y. 12203

August 5, 1999

Dean Boland
Assistant Prosecuting Attorney
Cuyahoga County
1200 Ontario Street
Cleveland, Ohio 44113

Re: Marilyn Sheppard Homicide

Dear Mr. Boland,

I am a diplomate of the American Board of Forensic Odontology and have practiced forensic dentistry in excess of thirty years.

I am Director of Operations of the Medicolegal Investigations Unit of the New York State Police and as part of my job I participate in old, open homicide investigations. I have been involved in such cases as the re-investigation of the murder of civil rights leader Medgar Evers after 28 years, Howard "Hodgie" White after 23 years, Waneta Hoyt and Marybeth Tinning child murders, many years old, and others including a 30 year old homicide currently. I have participated in exhumations and new autopsies in those and other similar cases.

I have reviewed a number of documents, including the original autopsy report, in the homicide of Marilyn Sheppard. Based upon my experience, it is my opinion that, in light of the quantum leap in the knowledge and technology in the forensic sciences since 1954, a re-examination of the remains of Marilyn Sheppard could yield useful information regarding the crime.

It should be noted that neither forensic odontology or forensic anthropology existed as an organized speciality until 1976 when the American Board of Forensic Odontology and the American Board of Forensic Anthropology were founded. It appears that forensic dental expertise and forensic anthropological expertise were never used in the post mortem examination of the remains of Marilyn Sheppard.

Marilyn Sheppard - -2

Marilyn Sheppard sustained dental injuries the night of her murder. These injuries have led to theories regarding injuries which should have been sustained by the perpetrator of the crime.

Dr. Samuel H. Sheppard. claimed to have sustained dental injuries the night of the murder of his wife as the result of a physical confrontation with the murderer.

Tooth fragments were found at the murder scene. It would be of great value if it could be determined whether all recovered fragments were fragments of Marilyn Sheppard's teeth. Theories of handedness of the murderer and directionality of blows have been based to some extent upon the injuries to Marilyn Sheppard's teeth. Knowing the restorative status of the involved teeth when considering how the fragmentation occurred is important. This was never determined by a forensic odontologist or any dental practitioner. Dental radiographic studies of the involved teeth and surrounding structures would be very useful in the evaluation of Marilyn Sheppard's dental injuries.

It would be of great value for a forensic anthropologist to examine the skull injuries to attempt to determine the weapon which caused those injuries. The forensic anthropologist may be able to determine the direction and/or sequence of blows. In addition, trace evidence may still be associated with those injuries which could be recovered and analyzed in light of today's advances in the forensic sciences. Pattern injuries may have been left in the bony tissue of the skull which could be analyzed.

It is my opinion that a new autopsy of the remains of Marilyn Sheppard, including examination, by a forensic pathologist, forensic odontologist, and forensic anthropologist, photographic documentation, radiographic studies, any other appropriate studies could yield additional useful information leading to the resolution of this open homicide.

Samuel H. Sheppard