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Curriculum Vitae (Abridged)

Michael N. Sobel, D.M.D.

Date of Birth: 25 June 1937

5873 Forbes Avenue
Pittsburgh, PA 15217-1601

Telephone: (412) 421-0401

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Current Positions

Orthodontist, private practice Pittsburgh, PA	1969-Present
Chief Forensic Odontologist Allegheny County Coroner's Office Pittsburgh, PA	1970-Present
Special Investigations Advisor Pittsburgh Bureau of Police Pittsburgh, PA	1973-Present
Crime Scene Consultant & Forensic Advisor Allegheny County Police Pittsburgh, PA	1974-Present
Forensic Consultant Pennsylvania State Police Harrisburg, PA	1978-Present
Team Director Western Pennsylvania Dental Identification Team Pittsburgh, PA	1988-Present
Forensic Lecturer Allegheny County Police Academy Pittsburgh, PA	1982-Present
Chairman of Odontology Subcommittee (E30.06) American Society for Testing & Materials (ASTM) (Sets standards & guidelines for forensic odontology) Philadelphia, PA	1990-Present

Academic Positions

**Clinical Associate Professor of Dental Public Health
Director, Forensic Odontology Education
University of Pittsburgh School of Dental Medicine
Pittsburgh, PA** 1974-Present

Previous Appointments:

Assistant Professor of Oral Pathology 1970-74
Instructor of Orthodontics 1965-67
Instructor of Oral Pathology 1962-67

**Clinical Associate Professor of Pediatrics
University of Pittsburgh School of Medicine
Pittsburgh, PA** 1993-Present

Hospital Affiliations

Consulting Staff, Clinical Teaching Faculty 1993-Present
Active Staff, Clinical Teaching Faculty 1990-1993
Department of Surgery, Dental Medicine Section
Department of Pediatrics (Secondary Appointment)

**Member, Suspected Child Abuse & Neglect (SCAN) Committee
Consultant in Child Abuse, Family Intervention Center
Children's Hospital of Pittsburgh
Pittsburgh, PA** 1990-Present

Active Staff 1970-1994
Consulting Staff 1994-Present
Department of Surgery, Dental Medicine Section
**University of Pittsburgh Medical Center
Pittsburgh, PA**

Previous Affiliations

**Active Staff, Clinical Teaching Faculty
Director, Division of Orthodontics
Department of Dental Medicine
Allegheny General Hospital
Pittsburgh, PA** 1976-80

Selected Professional Associations

American Society of Forensic Odontology.
American Academy of Forensic Sciences
-Odontology Section.
American Society for Testing and Materials (ASTM)

Education

Washington and Jefferson College Washington, PA	1955-57
Bachelor of Science, Pre-Dental University of Pittsburgh Pittsburgh, PA	1957-59
Doctor of Dental Medicine University of Pittsburgh School of Dental Medicine Pittsburgh, PA	1958-62
N.I.H. Traineeship in Oral Pathology University of Pittsburgh School of Dental Medicine Pittsburgh, PA	1962-65
Residency in Orthodontics University of Pittsburgh School of Dental Medicine Pittsburgh, PA	1965-67
Forensic Dentistry Course Armed Forces Institute of Pathology Washington, DC	1972
Advanced Orthodontic Techniques Course Tweed Foundation for Orthodontic Research Tucson, AZ	1983
Forensic Anthropology Course Smithsonian Institution, National Museum of Natural History Washington, DC	1987

Certifications

Diplomate, American Board of Forensic Odontology
Fellow, American Academy of Forensic Sciences
Board Eligible, American Board of Orthodontics
Diplomate, National Dental Boards
Diplomate, Pennsylvania Dental Boards

Military Service

Lieutenant, U.S. Army Reserve	1960-67
Captain, U.S. Army Dental Corps, Active Duty	1967-69
U.S. Army Commendation Medal	1969

Selected Publications

Sobel, M.N., Chapter 28: Forensic Odontology, in *Forensic Sciences* (Wecht, C.H., ed.), New York, Matthew Bender Co., 1981, rev. 1983, revision in preparation 1999.

Perper, J.A. & Sobel, M.N., Identification of fingernail markings in manual strangulation, *Am. J. For. Med. & Path.* 2:45-48, 1981.

Sobel, M.N., Odontology – The dentist's role in the forensic sciences, *Trial* 19:63-65, Jan. 1983.

Rapp, R. & Sobel, M.N., "Orthodontics", *Encyclopedia Americana*, 1984 ed.

Sobel, M.N. & Perper, J.A., Self-inflicted bite mark on the breast of a suicide victim, *Am. J. For. Med. & Path.* 6:336-339, 1985.

Sobel, M.N., What the teeth can tell us!, *Forensic Horizons*, 2(1):8-13, Oct. 1989.

David, T.J. & Sobel, M.N., Recapturing a 5-month-old bite mark by means of reflective ultraviolet photography, *J. Forensic Sciences*, 39(6):1560-1567, Nov. 1994.

Recent Papers Presented

Sobel, J.B. & Sobel, M.N., The use of standard forms to achieve consistency in forensic odontology investigations, 43rd Annual Meeting of the American Academy of Forensic Sciences, Anaheim, CA, 18-23 Feb. 1991.

Boland, R.T., Sobel, M.N. & Sobel, J.B., Critical incident stress debriefing of mass disaster dental identification teams, 43rd Annual Meeting of the American Academy of Forensic Sciences, Anaheim, CA, 18-23 Feb. 1991.

David, T.J. & Sobel, M.N., Recapturing a 5-month-old bite mark by means of reflective ultraviolet photography, 44th Annual Meeting of the American Academy of Forensic Sciences, New Orleans, LA, 17-22 Feb. 1992.

(continued)

Sobel, M.N. & Sobel, J.B., Analysis and presentation of computer digitized bite mark evidence, 44th Annual Meeting of the American Academy of Forensic Sciences, New Orleans, LA, 17-22 Feb. 1992.

Sobel, M.N., Wurzel, J., Yelcick, J., & Sobel, J.B., PathMAC: The use of computer aided learning in forensic odontology, 44th Annual Meeting of the American Academy of Forensic Sciences, New Orleans, LA, 17-22 Feb. 1992.

Sobel, M.N. & Sobel, J.B., The challenges of the crash of USAir 427: Recovery and identification of fragmented and co-mingled human remains. 47th Annual Meeting of the American Academy of Forensic Sciences, Seattle, WA, 13-18 Feb. 1995.

Sobel, M.N., Development of an instructional system for bite mark analysis. 49th Annual Meeting of the American Academy of Forensic Sciences, New York, NY, 16-21 Feb. 1997.

Civic & Professional

Western Pennsylvania Dental Identification Team
Team Director for Dental Identification Operations
following the crash of USAir Flight 427
near Pittsburgh International Airport September-October, 1994

PBS/Nova Television Production: "The Science of Murder"
Participant in TV production re-evaluating the evidence in the
Shepherd Murder Case, to be presented in Fall 1999 on PBS.
August-September, 1998

American Board of Forensic Odontology
Chairman, Continuing Education Committee 1992-93
Member, Continuing Education Committee 1990-1994

American Society for Testing and Materials (ASTM)
Chairman, Forensic Sciences-Sub-Committee for Odontology
1992-Present

University of Pittsburgh General Alumni Association
Member, Alumni Council 1985-90

University of Pittsburgh Dental Alumni Association
President 1986-88
Member, Executive Board 1985-1997

(continued)

Pennsylvania Dental Association	
Member, Forensic Odontology Committee	1988-89
Director, PDA Dental Identification Team	1988-89
Dental Society of Western Pennsylvania	
Chairman, Forensic Odontology Committee	1985-91
Member, Public Relations Committee	1984-88
Great Lakes Society of Orthodontists	
Chairman, Local Arrangements 1987 Annual Meeting	1987
Member, Communications Committee	1986-91
Kiwanis Club of Squirrel Hill	
President	1988-89

Revised 1/99aa