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Michael N. Sobel

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1990-Present

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

Fax: (412) 681-7878

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

Philadelphia, PA

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 1990-Present Pittsburgh, PA 1970-1994 Active Staff 1994-Present Consulting Staff Department of Surgery, Dental Medicine Section University of Pittsburgh Medical Center Pittsburgh, PA Previous Affiliations Active Staff, Clinical Teaching Faculty Director, Division of Orthodontics

Selected Professional Associations

American Society of Forensic Odontology.

American Academy of Forensic Sciences

Department of Dental Medicine

Allegheny General Hospital

Pittsburgh, PA

-Odontology Section.

American Society for Testing and Materials (ASTM)

1976-80

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	

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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 Meetin	g	1987
Member, Communications Committee	Ü	1986-91
Kiwanis Club of Squirrel Hill		
President		1988-89

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