PART I. GENERAL INFORMATION

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Name: David Murray Vernick

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Place of Birth: Cocoa, Florida

Education:

1969-73	BA University Of Kansas (Lawrence)
1973-77	MD Johns Hopkins Medical School
1998-99	Hopkins Business Of Medicine Executive Graduate Certificate Program

Postdoctoral Training:

1977-78	Surgical Intern, George Washington Hospital, Washington D.C.
1978-79	Assistant Resident in Surgery, George Washington Hospital, Washington, D.C.
1979-82	Resident in Otolaryngology, Massachusetts Eye and Ear Infirmary
1982	Fellow In Otology, Neurotology, Skull Base Surgery, University Of Michigan, Ann Arbor, MI
1983	Fellow In Otology, Greater Detroit Otology Group, P.C.

Licensure and Certification:

1977	State Of Massachusetts 49955
1982	American Board Of Otolaryngology- certified
2005	American Board Of Otolaryngology- subspecialty certification in Neurotology.

Academic Appointments:

1972-73	Instructor, Biology, University of Kansas
1979-82	Clinical Fellow in Otolaryngology, Harvard Medical School
1983-87	Instructor in Otolaryngology, Harvard Medical School
1987-04	Assistant Professor of Otology and Laryngology, Harvard Medical School
2004-	Assistant Clinical Professor Of Otology and Laryngology, Harvard Medical School

Hospital Appointments:

1983-87	Assistant In Otolaryngology, Massachusetts Eye & Ear Infirmary, Boston, MA

1987-	Assistant Surgeon in Otolaryngology, Massachusetts Eye & Ear Infirmary, Boston, MA
1983-87	Assistant Surgeon in Otolaryngology, Beth Israel Hospital, Boston, MA
1987-89	Associate Surgeon in Otolaryngology, Beth Israel Hospital, Boston, MA
1989-	Surgeon in Otolaryngology, Beth Israel Hospital, Boston, MA
1983-	Courtesy Staff, Associate Surgeon (Otolaryngology), Brigham & Women's Hospital, Boston, MA
	1983- Courtesy Staff (Otolaryngology), Children's Hospital Medical Center, Boston, MA
1983-04	Staff Physician, Harvard Community Health Plan, Boston, MA (now Harvard Vanguard Medical Associates)
1983-86	Associate Staff, Harvard Community Health Plan Hospital

Other Professional Positions:

1994-	Medical Advisory Board, Osteogenesis Imperfecta Foundation
1998-	Guest Editor- Lasers in Surgery and Medicine
1999	Program Chairman, American Society of Lasers in Surgery & Medicine, National Meeting
2000-	Guest Editor- Harvard Health Publications
2002	Medical Expert for The Commonwealth of Mass Human Resources Division – Revision of Medical Standards for Municipal Police Officers and Municipal Fire Fighters.
2003-	Guest Editor- Otology and Neurotology
2004-	Guest Editor Laryngoscope

Major Administrative Responsibilities:

1998-99	Director of Audiology, Joint Center for Otolaryngology
1999-04	Chief, Division of Otolaryngology, Beth Israel Deaconess Medical Center
1999-04	Director of Audiology, Division of Otolaryngology, Beth Israel Deaconess Medical Center
2004-	Acting Chief, Division of Otolaryngology, Beth Israel Deaconess Medical Center

Major Committee Assignments:

1972-73	Summerfield Scholarship Committee, University of Kansas
1980-82	Ambulatory Services Committee, Massachusetts Eye & Ear Infirmary
1982-99	Laser Safety Committee, Brigham & Women's Hospital
1987-98	Resident Admissions Committee, Massachusetts Eye & Ear Infirmary
1992-95	Laser Committee, American Society for Laser Medicine and Surgery
1992-97	Laser Committee, American Academy of Otolaryngology – Head & Neck Surgery
1994 -	Medical Advisory Board, Osteogenesis Imperfecta Foundation
1994 -	Medical Board Development Committee, Osteogenesis Imperfecta Foundation
1995-97	Chairman, Laser Committee, American Academy of Otolaryngology- Head & Neck Surgery
1998	Question Writing Drive, American Board of Orofacial Pain
1998-00	Consultant, Laser Subcommittee, American Academy of

	Otolaryngology - Head and Neck Surgery
1999-03	Education Committee – MEEI
1999-	Executive Committee - MEEI
2004-	Member- Task Force- American Academy of Otolaryngology, Head and Neck

Memberships in Professional Societies:

1977	American Medical Association
1983	Massachusetts Medical Society
1984	American Association for the Advancement of Science
1984	Fellow, American Society for Laser Medicine and Surgery
1984	Fellow, American Academy of Otolaryngology-Head &Neck Surgery
1984	Society of University Otolaryngologists
1984	Fellow, American Neurotology Society
1985	International Society for Photoscopy
1986	Janssen Research Council
1986	New England Otolaryngological Society
1987	Fellow, American College of Surgeons
1987	Massachusetts Chapter, American College of Surgeons
1987	Pan American Association of Oto-Rhino-Laryngology-Head and Neck Surgery
1988	The Prosper Meniere Society
1989	Massachusetts Society of Otolaryngology - Head & Neck Surgery
1990	Acoustic Neuroma Association
1990	Deafness Research Foundation Centurions

Awards and Honors:

1982	Phi Beta Kappa, University of Kansas
1984	Golden Apple Award for teaching residents, Massachusetts Eye & Ear Infirmary
1988	Key Contribution Award, Harvard Community Health Plan
1989	Employee of the Month, Harvard Community Health Plan
1992	Honor Award, American Academy of Otolaryngology-Head & Neck Surgery

PART II. RESEARCH, TEACHING, AND CLINICAL CONTRIBUTIONS

Report

My research efforts in the past were directed at clinical projects. For a number of years, I focused on laser applications to otologic surgery. The efficacy of two types of laser in otosclerosis surgery was investigated in a prospective trial. The application of lasers in other otologic procedures such as neurectomy has been investigated and reported. I have participated in national courses involving the use of lasers on otology through our academy and through outside courses. I have served on local and national laser committees and chaired the national committee for three years.

In order to provide education and service to the community, I spent several years writing a book for Consumer Reports entitled Hearing Loss. Due to the special otologic problems associated with osteogenesis imperfecta, I first advised and then became a member of the medical board of the Osteogenesis Imperfecta Foundation. I have written several articles for their members and participated in their national conferences in an instructor's role. I also review their grant funding and fellowship training applications.

My efforts at teaching medical students and resident and fellow physicians have been ongoing. I have taught temporal bone anatomy through lecture and prosection, temporal bone surgical techniques in the operating room and temporal bone laboratory, diagnosis and care of otologic disease

through local, national, and international conferences. I consider teaching activites to be an ongoing effort that not only teaches others, but myself as well.

Funding

1985 American Diabetes Association	Treatment of Malignant Otitis Externa

Report of Research

1986-87	3D mapping of temporal bone anatomy from CT and MRI images with one research fellow and one HMS student.

Report of Teaching

1. Local Contributions

Medical Student Teaching

1991-94	Ambulatory Care Clerkship – integrated session, lecturer on hearing Loss, Harvard Medical School, 20 HMS III, 1 hr/yr
1987-98	Introduction to Clinical Medicine Course, lecturer and practicum, for Harvard Medical Students, Beth Israel, and Brigham & Women's 30 HMS, 8 hrs/yr
1995-2003, 2005	HMS-HST Neurology Lecture, Hearing and Balance, 40 HMS, 4 hrs/yr
2005	HMS-HST Students-Temporal Bone Anatomy Presentation HST-010 40 HMS, 8 hrs/yr
1996-99	Attending Physician, Surgical Clerkship Program for Harvard Medical School, Beth Israel Deaconess Medical Center and Brigham & Women's Hospital, 1-2 HMS, 6 hrs/wk
1999-	Attending Physician, Surgical Clerkship Program, Beth Israel Deaconess Medical Center, 1-2 HMS, 4- 6 hrs/wk

Resident Teaching

1986-96	Introductory Otolaryngology Course lecturer, for Harvard Otolaryngology Residents, Massachusetts Eye & Ear Infirmary, 6 Otolaryngology Residents, PGY 2 & 3, 2 hrs/yr
1983-94	Temporal Bone Drilling Course, Massachusetts Eye & Ear Infirmary, 2 Otolaryngology Residents, 3 hrs/wk
1986-96	General Otolaryngology Clinic, Attending Physician supervising Otolaryngology residents, surgical and primary care house staff, and medical students, Beth Israel Deaconess Hospital, 3 hrs/wk
1999-04	Resident Supervision in office and operating room-BIDMC-10hrs/wk
2001-	Resident Curriculum Conference – Head and Neck Disease
2004-	Resident Supervision in operating room-BIDMC-8hrs/wk

Continuing Education Lectures

Local

1984-97	Instructor, Office Practice of Primary Care Medicine, Harvard Medical School, Boston, MA
1986-87	Guest Lecturer, Gerontology Update Course, Hearing Loss in the Elderly, Massachusetts General Hospital, Boston, MA
1986	Course Director, Otology and the Occupational Health Nurse, Massachusetts Eye & Ear Infirmary
1987	Course Director, Clinical Applications of Lasers in Otology and Neurotology,

	Harvard Medical School, Boston, MA
1987-89	Guest Lecturer, Disorders of Hearing, Geriatric Medicine Postgraduate Course, Massachusetts General Hospital, Boston, MA
1988	Guest Lecturer, Ear Problems and Practicum, TMJ Syndrome, Boston University School of Dentistry, Boston, MA
1989	Guest Lecturer, Argon Lasers in Otology, Massachusetts Eye & Ear Infirmary, Boston, MA
1989	Guest Lecturer, Clinical Otology & Otological Surgery Course, Massachusetts Eye & Ear Infirmary, Boston, MA
1990	Guest Lecturer, Ear Pain, Division of General Medicine & Primary Care, Brigham & Women's Hospital, Boston, MA
1991	Guest Lecturer, Harvard Update in Laser Medicine and Surgery, Harvard Medical School and Harvard Medical Laser Center, Boston, MA
1992	Guest Lecturer, Workplace Repetitive Motion Injury and Occupational Disease, Tremont House, Boston, MA
1992	Guest Lecturer, Annual Otolaryngology Cherry Blossom Conference, American Academy of Otolaryngology-Head & Neck Surgery, Washington, D.C.
1992	Guest Lecturer, Update in Technology and Clinical Applications of Laser Medicine and Surgery, Harvard Medical School and Harvard Medical Laser Center, Boston, MA
1992	Diagnosis of Acoustic Neuromas-Tumors of the Central Nervous System, Harvard Medical School, Boston, MA
1994	Evaluation and Treatment of the Dizzy Patient, Hale Hospital, Haverhill, MA
1994	Evaluation of Dizziness, Department of Veterans' Affairs, Boston, MA
1995-98	Patient with Dizziness, Primary Care Training, Harvard Community Health Plan, Boston, MA
1996	Facial Nerve Injury, Department of Plastic Surgery, Brigham & Women's Hospital, Boston, MA
1998	CPC, Chronic Otitis Media – Tuberculosis, Massachusetts General Hospital, Boston, MA
1998	The Common Causes of Dizziness, Harvard Vanguard Medical Associates, Boston, MA
2000	Guest Lecturer, Advances in Ear Surgery-BIDMC- Nursing Rounds
2000	Guest Lecturer Attending Rounds, Tinnitus - Hebrew Rehab Hospital
2001	Guest Lecturer, Grand Rounds, Beth Israel Deaconess Medical Center, Advances in Hearing

National

1983	Poster Presentation, Dermoids of the Middle Ear and Mastoid, American Academy of Otolaryngology Meeting, Anaheim, CA
1985	Guest Lecturer, XIII World Congress of Otorhinolaryngology, Miami Beach, FL
1986	Guest Lecturer, Stapedectomy Results in a Resident Training Program, American Otological Society, Inc., Palm Beach, FL
1988	Guest Lecturer, Infralabyrinthine Approach to the Internal Auditory Canal, American Neurotology Society, West Palm Beach, FL
1991	Guest Lecturer, Otologic Applications of the Unilase CO2 Laser, American Society for Laser Medicine and Surgery, San Diego, CA
1991	Lasers in Otology: Microscope- Mounted, Harvard Update in Laser Medicine and Surgery, Harvard Medical Laser Center, Boston, MA
1993	Types of Otologic Lasers, Otologic Lasers 1993, The Midwest Ear Foundation, Cincinnati, OH
1997	Hearing Loss in Osteogenesis Imperfecta, OIF Teleconference Series
1997-2006	Guest Lecturer, Hearing Loss in Osteogenesis Imperfecta, Annual Osteogenesis Imperfecta meetings.

2000	Multimodality Management of Vestibular Schwannomas, Hgunan CB, Bleuing N, Pog D, Vernick D. 12th Annual Meeting – North American Skull Base Society
2001-2002	Guest Lecturer, Osteogenesis Imperfecta Chat Conference, Osteogenesis Imperfecta and Hearing Loss
2002-05	Guest Lecturer, Hearing loss, Harvard Medical School Division of Aging
2006	Guest Lecturer, Dizziness in the Elderly, Harvard Medical School Division of Aging

International

1991	Lasers in Otology and Hands-On Otology Workshop, An Update in Technology and Clinical Applications of Laser Medicine & Surgery, Harvard Medical Laser Center, Cambridge, MA
1991	A Comparison of CO2 and KTP Laser Stapedectomy, New Perspectives In Otolaryngology- Head & Neck Surgery, Harvard Medical School and St. Thomas' Hospital, London, England

2. Teaching Award

1984	Golden Apple Award- presented by the graduating ENT resident class of Massachusetts Eye & Ear Infirmary to the person whom they feel taught them the most during their residency
1992	Honor Award, American Academy of Otolaryngology- Head & Neck Surgery

3. Major Curriculum Offerings

Teaching Medical Students

1995-03, 2005	HMS – HST, Neurology lecture – Cranial Nerves & ENT Exam
1987-05	HST – O1O, Temporal bone prosection & Functional Human Anatomy
Residents	One on One in OR

Lectures

2000	Advances in Ear Surgery – BIDMC Nursing rounds Grand Rounds – Hebrew Rehabilitation Center – Tinnitus
2000	Grand Rounds BIDMC – Advances in Hearing
2001	Osteogenesis Imperfecta
2002	Chat Conference – O1 & Hearing Loss
1997-2005	Annual Meeting – OI Foundation – Lecture on Hearing Loss

Report of Clinical Activities

1. Major Focus – all aspects of Otology, Neurology, and Skull Base Surgery Academic practice at Beth Israel Deaconess Medical Center Hospital

2. Practice- general practice involves diagnosis and treatment of all otologic disorders including problems involving hearing and balance. Surgery involves all otologic procedures and posterior and middle fossa skull base lesions including acoustic neuroma resection, cochlear implantation, vestibular nerve resection, and glomus tumor removal.

3. Evaluation of lasers and laser safety in otology

4. Development of infralabyrinthine approach to internal auditory canal

PART III. PUBLISHINGS

Original Reports:

1. Vernick DM and Morrow J. Ultraviolet-induced mutations as asparagine independence in Jensen sarcoma cells in vitro. Mutation Res. 1973; 18:225-231

2. Carson MP, Vernick DM and Morrow J. Clones of Chinese hamster cells cultivated in vitro not permanently resistent to azaguanine. Mutation Res. 1974;24:47-54

3. MorrowJ,Prickett M,Fritz S, Vernick DM and Deen D. Mutagenesis studies on cultured mammalian cells; the sensitivity of asparagine requiring phenotype to several chemical agents. Mutation Res. 1976;34:481-88

4. Vernick,DM. Relationship of stria vascularis volume and cochlear duct volume. Am J Otolaryngol. 1983;4:113-115

5. Vernick,DM Graham M and McClatchey K . Infralabyrinthine schwannoma. Laryngoscope 1984;94: 1241-1243

6. Fried MP and Vernick DM. Dermoid cyst of the middle ear and mastoid. Otolaryngology-Head & Neck Surg. 1984;92:594-596.

7. Wang R, Zubick HH, Vernick DM and Strome M. Bilateral congenital middle ear Cholesteatomas. Laryngoscope 1984;94:1461-1463.

8. Vernick, DM and Kelly JH. Sudden hearing loss associated with Piroxicam. Am J Otology 1986;7:97-98.

9. Fried MP, Kelly JH Zubick HH, Vernick DM and strome M. Acoustic reflectively for diagnosis of middle ear effusions: Comparison with results of myringotomy. 1985 Elsevier Science Publishers B.V. (Biomedical Division).
New Dimensions in Otolaryngology-Head & Neck Surgery, Vol. 2. E Myers, Ed.

10. Vernick DM. Stapedectomy results in a residency-training program. Ann Otol Rhinol Laryngol. 1986;95: 477-479

11. Fried MP, Vernick DM, Silberstein V, Kelly JH and Strome M. The effects of anesthesia on the middle ear effusions. Laryngoscope 1988; 98: 23-25.

12. Strome M, Topf P and Vernick DM. Hyperlipidemia in association with childhood Sensorineural hearing loss. Laryngoscope 1988;98:165-169

13. Strome M and Vernick DM. Hyperlipidemia in association with childhood sensorineural hearing loss. Elsevier Science Publishers, B.M., The Netherlands, 1988

14. Vernick,DM. The KTP/532 Laser in vestibular neurectomy. KTP/532 Clinical Update. Laryngoscope, 1988.

15. Vernick DM. Clinicopathological Conference at Massachusetts General Hospital. New Eng J Med. 1989;320:924-930.

16. Vernick DM. Infralabyrinthine approach to the Internal Auditory Canal. Otolaryngol Head Neck Surg. 1990; 102:307-313

17. Merchant S and Vernick DM. Osteomyelitis of the temporal bone and skull base in diabetes resulting from otitis media. Skull Base Surgery 1992; 2:207-212

18. Vernick DM. A Comparison of the Results of KTP and CO2 Laser Stapedectomy. Am J Otol 1996; 17(2): 221-224

19. Meara JM, Potter C, Goodman M and Vernick D. Extramedullary hematopoiesis of the middle ear in a patient with thalassemia. Am J Otolaryngol 1998; 19(4): 287-9.

20. Moharir VM, Fried MP, Vernick DM, Janecka IP, Morrison MS, HSU L, Orensen MS, Anderson M, Wells WM, Zahajsky J and Kikinis R. Computer assisted 3-D reconstruction of head and neck tumors. Laryngoscope 1998; 108:1592-8

21. Lustig LR, Arts HA, Brackmann DE, Francis HF, Molony T, Megerian CA, Moore GF, Moore KM, Morrow T, Potsic W, Rubenstein JT, Srireddy S, Syms CA, Takahashi G, Vernick D, Wackym PA, Niparico JK. Hearing Rehabilitation Using the BAHA, Bone Anchored Hearing Aid. Results of 40 Patients, Otology and Neurotology 22:328-344, 2001.

Reviews and Chapters:

1. Vernick DM. Cochlear implants for deafness. Internal Medicine Alert, Vol 7, March 15, 1985

2. Vernick DM. Otologic Complications of Laser Surgery. In: Fried MP, Kelly JH, Strome M. eds. Complications of Laser Surgery of the Head and Neck. Chicago: Yearbook Medical Publishers, 1986:99-110.

3. Vernick DM and Branch WT. The Painfully Discharging Ear. In: Branch WT Jr.ed. Office Practice in Medicine. 2nd Edition Philadelphia: WB Saunders CO., 1987:285-295. 3rd Edition, 4th Edition.

4. Fried MP, Vernick DM, Breslin K and Moll E. Head and neck applications of the milliwatt laser . Lasers in Surgery and Medicine 1987; 7:46-50.

5. Vernick DM. Diagnosis and treatment of otalgia. Hospital Practice, 1987; 22:170-180

6. Vernick DM.CO2 laser safety. Letter to editor. Laryngoscope 1990; 100(1): 108-109.]

7. Vernick DM. Visible Light Lasers. In: Ossoff R, Duncavage JA, eds. Lasers in Otolaryngology- Head and Neck Surgery. St. Louis: CV Mosby Co., 1991

8. Vernick DM. Ear Pain. In: Warfield CA, Manual of Pain Management Philadelphia: JB Lippincott Co., 1991:48-52.

9. Strome M, Kelly JH and Fried MP. Manual in Otolaryngology. Boston: Little, Brown and Company, 1985. Second Edition, 1992.

10. Vernick DM. Tinnitus. In: May, Aghabadian & Fleisher, eds. Emergency Medicine Book. Boston: Little Brown and Co., 1992;1397-1400

11. Fried MP and Vernick DM. Dizziness (vertigo). In: Reece RM, ed. Manual of Emergency Pediatrics. 3rd ed. Philadelphia: WB Saunders CO., 1992;342-346.

12. Vernick DM. Malignant External Otitis. In: Nadol JB Jr. and Schuknecht HF., Surgery of the Ear and Temporal Bone. New York: Raven Press, 1993;199-203-5

13. Vernick DM. Labyrinthectomy. In: Nadol JB Jr. and Schuknecht HF., Surgery of the Ear and Temporal Bone. New York: Raven Press, 1993:275-280.

14. Vernick DM. Surgery of Cranial Base Tumors. NEJM July 15,1993.

15. Vernick DM, Kartush, JM and Lesinski SG, Lasers in Otology. Which One and Why. American Academy of Otolaryngology- Head & Neck Surgery: Highlights of the Instructional Course. Vol 7, Chapter 32,pgs. 357-366,1994.

16. Vernick DM, Laser Applications in Ossicular Surgery. Otolaryngol CI N Am, 1996; 29:931-941.

17. Jackler R and Vernick DM. Treating Hearing Loss in Patients with Osteogenesis Imperfecta Advance, page8, December 9, 1996

18. Vernick DM. Benign Paroxysmal Positional Vertigo: Diagnostic and Therapeutic Maneuvers. Hospital Medicine, pages 1-6, October, 1996.

19. Vernick DM. Hearing Loss. Managing Osteogenesis Imperfecta, A Medical Manual, 1997. Chapter 18; 131-136. Editor, P. Wacaster, The Osteogenesis Imperfecta Foundation Inc.

20. Park JK, De la Cruz AC, Black PM, Vernick DM. Acoustic Neuroma, Up to Date, Online 9.3

21. Vernick DM, Ear Barotrauma, Up to Date 9.3

Letters to the editor:

1. Vernick DM. Who operated on Max? Ear Nose Throat J 1988;67(2):125.

2. Vernick DM. CO2 laser safety. Larngoscope 1990; 100(1): 108-9.

Books and Monographs:

1. Vernick DM. What did you say? The Problems of Hearing Loss. Medical Update Brigham & Women's Hospital, Vol II, #4, November 1989

2. Vernick, DM Otosclerosis Booklet, American Academy of Otolaryngology Head & Neck Surgery, 1994. SIPAC

3. Evans K, Vernick, DM, Gullane P and Rutka J. Tumors of the Temporal Bone. American Academy of Otolaryngology-Head & Neck Surgery Foundation, 1994. SIPAC

4. Vernick DM and Grzelka C. The Hearing Loss Handbook. Yonkers: Consumer Report Books, 1994.

5. Sukhminderjit H, Vernick DM, Gullane PJ, Rutka J. Temporal Bone Malignancy: Anatomy, Pathology, and Treatment. American Academy of Otolaryngology – Head and Neck Surgery, 2000. SIPAC.

6. Vernick DM, Stern A. Hearing Loss: A guide to Prevention & Treatment. Harvard Health Publications, Komanoff Editor. 2000.