

CURRICULUM VITAE

Dean Michael Clerico, M.D.

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Date of Birth: March 1, 1960

Marital Status: Married to Cheryl Zalfa-Clerico, M.S.N, C.R.N.P, C.S.

Children: Samia Rose Dejun Clerico
John Paul Alberic Clerico

Education:

1978-1982	B.A. The Johns Hopkins University
1983-1987	M.D. UMDNJ-New Jersey Medical School
1987-1988	Internship, General Surgery UMDNJ-University Hospital Newark, NJ
1988-1992	Residency, Otolaryngology-Head & Neck Surgery UMDNJ-University Hospital Newark, NJ
1993-1994	Fellowship, Rhinology & Endoscopic Sinus Surgery University of Pennsylvania Medical Center Philadelphia, PA

Medical Board Certification:

1988 American Board of Medical Examiners

Specialty Certification:

March 1993 Diplomate, American Board of Otolaryngology

Medical Licensure:

1988 New Jersey, # MA053008
1992 Pennsylvania, # MD047846-L

Faculty Appointments:

1992-1994 Lecturer, Department of Otolaryngology-Head & Neck Surgery, University of Pennsylvania Medical Center, Philadelphia, PA

1992-1994 Staff, Division of Otorhinolaryngology-Head & Neck Surgery, Veterans Administration Medical Center, Philadelphia, PA

1994-Present Instructor, Wyoming Valley Health Care System Family Practice Residency Program Wilkes-Barre, PA

1995-1998 Clinical Assistant Professor, Department of Otorhinolaryngology-Head & Neck Surgery University of Pennsylvania School of Medicine Philadelphia, PA

1998 Adjunct Professor of Clinical Medicine, Physician Assistant Program, King's College, Wilkes-Barre, PA

Active Staff Appointments:

1996-Present Wyoming Valley Health Care System (Wilkes Barre General Hospital)

Geisinger Wyoming Valley Hospital

Research Grant Support:

1993 "Histopathologic Effects of Capsaicin on Rabbit Nasal Mucosa" Funded by the National Headache Foundation, Chicago,IL.

- 1993, 1995 “An Experimental Study of Headache Pain Referred From Stimulation of the Nasal Cavity”, Funded by the National Headache Foundation, Chicago, IL
- 1995 “The Prevalence of Sinus and Nasal Abnormalities in Migraine Sufferers” Funded by the National Headache Foundation Chicago, IL
- 1995 Supplemental research grants from Eli Lilly, Inc., Schering Pharmaceuticals, and Astra, USA for the Proposed study, “The Prevalence of Sinus and Nasal Abnormalities in Migraine Sufferers”.

Research Activities:

- 1982-1983 Cell culture studies of tumor cell lines, Stephen Baylin, M.D. principal investigator Johns Hopkins Hospital and Cancer Center
- 1993-1994 Assistant investigator in developing an animal model of allergic fungal sinusitis in rabbits Donald Lanza, M.D. principal investigator, Department of Otolaryngology, University of Pennsylvania Medical Center
- 1995-1998 Principal investigator in an experimental study on referred pain of nasal and sinus origin in human volunteers.
- 1995-1998 Principal investigator, prevalence of sinonasal Abnormalities in CT's of migraine patients. Charles Morreels, M.D. assistant investigator Department of Radiology, Wyoming Valley Health Care System
- 1995-1998 Principal investigator, histopathology of mucosal contact in migraine sufferers undergoing endoscopic sinonasal surgery. Robert Budin, M.D., assistant investigator, Department of Pathology, Wyoming Valley Health Care System.
- 1995-1997 Assistant investigator, computer generated and simulated airflow patterns through the human nasal cavity pre and post-endoscopic sinus surgery. Principal investigator, Kevin Morgan, Ph.D., Chemical Industry Institute of Toxicology Research Triangle Park, N.C.

Awards and Honors:

1987	Medical Assistance Program-Reader's Digest International Fellowship (MAP-RDIF)
1991	Humanitarian Efforts Fellowship Award of the American Academy of Otolaryngology-Head & Neck Surgery
1996	American Academy of Otolaryngology-Head & Neck Surgery Continuing Medical Education Achievement Award
1996	Physician's Recognition Award from the American Medical Association
1996	"Best Doctors in America: Northeast Region"
1996	International Who's Who of Professionals
1998	Honorary Educator, St. Joseph's Indian School
2001-2002	"Best Doctors in America"
2005-2006	"Best Doctors in America"
2006-2007	"Best Doctors in America"
2007	"America's Top Physicians"

Editorial Appointments:

Invited Reviewer	<i>The American Journal of Rhinology</i> <i>Headache: The Journal of Head and Face Pain</i> <i>Laryngoscope</i>
Guest Editor	<i>Symposia Monitor</i> , Mid-Atlantic Regional Edition, By Health Communications, Inc.

Professional Society Memberships:

American Academy of Otolaryngology-Head & Neck Surgery (Diplomate)
American Rhinologic Society (Fellow)
International Rhinologic Society
International Headache Society
American Association for the Study of Headache
National Association of Physicians for the Environment
National Center for Environmental Health Strategies
Christian Medical and Dental Society
Christian Society of Otolaryngology-Head & Neck Surgeons

Pennsylvania Academy of Otolaryngology-Head & Neck Surgery
Pennsylvania Medical Society
American Association for the Advancement of Science

Major Teaching Responsibilities:

Instructor: Wyoming Valley Family Practice Residency,
Wilkes-Barre, PA. 1994-Present

Preceptor: Kings College Physician Assistant Program,
Wilkes-Barre, PA. 1996-Present

Lecturer: ID 200 Otorhinolaryngology course for medical
students, University of Pennsylvania Medical School
1992-1994

Clinical Instructor: Otorhinolaryngology clinic, Hospital of the University
Of Pennsylvania, 1992-1994

Clinical Instructor: Otorhinolaryngology clinic, Veterans Administration
Medical Center, Philadelphia, 1992-1994

Lab Instructor: Visiting Fellowships in Endoscopic Sinus Surgery,
Department of Otorhinolaryngology, University
Of Pennsylvania, 1993-1994

Committee Appointments, Local:

1993-1994 Founding Member, Organizing Committee for the
Headache Center, University of Pennsylvania Medical
Center

Committee Appointments, National:

1994-1998 Committee on the Environment, American Academy
of Otolaryngology-Head & Neck Surgery

1997 Chairman, Subcommittee on Long-Range Planning,
Committee on the Environment, American Academy
of Otolaryngology-Head & Neck Surgery

Foreign Medical Experience:

Jan – Feb 1987 Medical school elective at Good Shepherd Medical
Center, Tshikaji, Zaire, Africa. General medical and
surgical experience at a Christian mission hospital.

May 1994 Medical mission in Cairo, Egypt. Performed
endoscopic sinus examination and surgery.

Lectures by Invitation:

- May 2002 Allergic Rhinitis and Chronic Rhinosinusitis: Differential Diagnosis and Treatment. Journal Club of the Lehigh Valley Allergy Society Sponsored by AstraZeneca Pharmaceuticals; Allentown, PA
- April 2002` What's New in Endoscopic Sinus Surgery. Dinner meeting sponsored by AstraZeneca Pharmaceuticals Bethlehem, PA
- November 2001 Advanced Endoscopic Sinus Surgery. Dinner meeting sponsored by AstraZeneca Pharmaceuticals Reading, PA
- November 2001 Antimicrobial Treatment Guidelines for Acute Bacterial Rhinosinusitis. Dinner meeting sponsored by Smith Kline Beechem Pharmaceuticals; West Pittston, PA
- October 2001 Fexofenadine: Comparison of Cost, Safety and Efficacy with Other Newer Antihistamines. Dinner meeting sponsored by Aventis Pharmaceuticals, Kingston, PA
- September 2001 FESS: What's New, What Works. Dinner meeting sponsored by AstraZeneca Pharmaceuticals; West Pittston, PA
- September 2001 Epidemiology, Diagnosis and Management of Allergic Rhinitis. Telephone audioconference sponsored by AstraZeneca Pharmaceuticals; Kingston, PA
- August 2001 Allergic vs. Infectious Rhinosinusitis. Dinner meeting sponsored by AstraZeneca Pharmaceuticals; Philadelphia, PA
- April 2001 Allergy or Sinusitis: Which is it? Dinner meeting sponsored by Aventis Pharmaceuticals; Moosic, PA
- April 2001 Nasal steroids and sinus disease. Dinner meeting sponsored by AstraZeneca Pharmaceuticals; Hazleton, PA
- March 2001 Nasal steroids and sinus disease. Dinner meeting sponsored by AstraZeneca Pharmaceuticals; Wilkes-Barre, PA.

- April 2000 Antihistamines in sinus disease. Dinner meeting sponsored by Aventis Pharmaceuticals; Wilkes-Barre, PA
- March 2000 The shifting paradigm in chronic sinusitis. Dinner meeting sponsored by AstraZeneca; Wilkes-Barre, PA
- April 1999 “Immunodeficiency states and otolaryngologic diseases”. Lecture to the Wyoming Valley Health Care System family practice residency program; Kingston, PA
- April 1999 “Chronic Rhinosinusitis and Allergic Rhinitis”. Dinner meeting sponsored by Hoechst Marion Roussel; Wilkes-Barre, PA
- March 1999 “Surgical Indications for Treatment of Rhinosinusitis: Difficult Cases – Headache”. At the PENN Rhinology Course: Advances in Management of Sino-Nasal Disease, March 4-6, 1999 Philadelphia, PA
- September 1998 “Common Throat Symptoms”. Sponsored by the Luzerne County Medical Society, Mountaintop, PA
- September 1998 “Allergic Rhinitis vs. Sinusitis: What’s the Difference?”. Dinner meeting sponsored by Astra Pharmaceuticals, Scranton, PA
- February 1998 “Rhinogenic Headache”. CME Conference, Section of Otorhinolaryngology, Department of Surgery, St. Luke’s Hospital, Bethlehem, PA
- September 1997 “Rhinopathic Headaches: Endoscopic Diagnosis & Treatment”. Instructional Course, presented at the American Academy of Otolaryngology-Head & Neck Surgery (AAO-HNS) 101st Annual Meeting, San Francisco, CA
- September 1997 “Environmental Factors in Sinus Disease: The Role of Air Pollution”. Presented at the Environmental Committee Symposium, 101st Annual Meeting of the AAO-HNS, San Francisco, CA
- June 1997 “Environmental Factors and Sinus Disease”. Lecture presented at the plenary session of the International Cottle Rhinology Symposium, Philadelphia, PA

- June 1997 “Sick Building Syndrome”. Workshop presented at the International Cottle Rhinology Symposium Philadelphia, PA
- June 1997 “The Headache Patient: When to Operate”. Workshop presented at the International Cottle Rhinology Symposium, Philadelphia, PA
- March 1997 “Sinusitis and Asthma”. Dinner meeting sponsored by Astra USA
- January 1997 “The Mucosal Contact Theory of Migraine”. District meeting sponsored by Astra, USA; Conshohocken, PA
- October 1996 “Migraine and Mucosal Contact”. Grand Rounds, Department of Otorhinolaryngology-Head & Neck Surgery, University of Pennsylvania Medical Center.
- September 1996 “Rhinopathic Headache: Endoscopic Diagnosis and Treatment” Instructional Course, presented at the AAO-HNS 100th Annual Meeting, Washington, DC
- September 1996 “Mucosal Contact Theory of Migraine”. Occasional dinner meeting, Williamsport, PA; sponsored by Astra USA.
- September 1996 “Migraine: A Rhinologic Disorder?” Occasional dinner meeting for primary care physicians, sponsored by Astra USA.
- August 1996 “The Spectrum of Symptoms and Diseases Caused or Contributed to by Sinonasal Pathology”. Clinical Lecture Series, Kings College Physician Assistant Program, Wilkes-Barre, PA
- June 1996 “Migraine as a Rhinologic Disorder”. Basic Science Program, Department of Otorhinolaryngology-Head & Neck Surgery Continuing Medical Lecture Series, University of Pennsylvania Medical Center, Philadelphia, PA
- May 1996 “Is Migraine Primarily a Rhinologic Disorder?” Occasional dinner meeting for primary care physicians, sponsored by Astra USA.
- March 1996 “Sinusitis”. Lecture to Nurse Practitioner Program, College Misericordia, Dallas, PA
- March 1996 “Otitis Media in Children”. Lecture to Nurse Practitioner Program, College Misericordia, Dallas, PA

March 1996	“Redefining Migraine: A Rhinologic Rather than a Neurologic Disorder?” Occasional dinner meeting for primary care physicians, sponsored by Astra USA
February 1996	“Functional Endoscopic Sinus Surgery”. Monthly meeting of the Surgical Technicians Association, local Pennsylvania chapter.
November 1995	“The Role of Air Pollution in Human Nasal & Sinus Disease”. Seminar at the Chemical Industry of Toxicology, Research Triangle Park, NC
September 1995	“Environmental Factors in Sinus Disease”. Instructional course, AAO-HNS 99 th Annual Meeting, New Orleans.
September 1995	“Air Pollution Impacts of Nasal & Sinus Disease”. Presented at the Environmental Committee Symposium, AAO-HNS 99 th Annual Meeting, New Orleans.
September 1995	“Rhinopathic Headache”. Instructional course, AAO-HNS 99 th Annual Meeting, New Orleans.
August 1995	“Environment and Health”. Wyoming Valley Health System Lecture Series, Wilkes-Barre.
July 1995	“Sinusitis”. Mercy Hospital Health Lecture Series, Wilkes-Barre.
February 1995	“Environmental Factors in Nasal and Sinus Disease: The Role of Air Pollution”. Grand Rounds, Department of Otorhinolaryngology, University of Pennsylvania Medical Center.
January 1995	“Sinus disease: Concepts for the primary care physician”. Ground Rounds, Wyoming Valley Health Care System.
October 1994	“Diagnosis and Treatment of Sinusitis”. Family Practice Grand Rounds, Wyoming Valley Family Practice Residency Program.
April 1994	“Evaluation and Management of Sinusitis”. Grand Rounds, Department of Medicine, University of Pennsylvania Medical Center.
September 1993	“Otitis Media in Children”. Children’s Health Forum, Philadelphia, PA
May 1987	“The status of health care in Zaire”. Department of Preventive Medicine Ground Rounds, UMDNJ-New Jersey Medical School.

Participation in Continuing Medical Education:

October 2007	Vestibular Update 2007: Vestibular Assessment with Clinical Applications, Cleveland Clinic, Cleveland, Ohio
February 2007	Silverstein Institute Minimally-Invasive Otologic Surgery Course, Sarasota, Florida
December 2006	KayPentax Advanced Videostroboscopy Workshop, Fairfield, New Jersey
November 2006	American College of Asthma, Allergy, Immunology Annual Meeting, Philadelphia, Pennsylvania
September 2006	AAO-HNS Annual Meeting, Toronto, Canada
August 2006	Sublingual Therapy Allergy Course, LaCrosse, Wisconsin
April 2006	Conomikes Practice Management Workshop, Valley Forge, Pennsylvania
July 2005	Participant, AAOA Allergy Basic Course, Quebec City, Quebec, Canada
March 1999	Lab Instructor and participant, The PENN Rhinology Course, Phila., PA; 26 CME credits, category 1
September 1997	Participant, speaker and instructor, American Academy of Otolaryngology-Head & Neck Surgery 101 st Annual Meeting, San Francisco, CA
June 5-8, 1997	Participant lecturer, instructor and free-paper session moderator, International Cottle Rhinology Symposium, Philadelphia, PA
November 7-9, 1996	Instructor and participant, Advanced Techniques in Endoscopic Sinus Surgery, University of Pennsylvania, Philadelphia, 24 credits, category 1
September 1996	Participant, speaker and instructor, American Academy of Otolaryngology-Head & Neck Surgery 100 th Annual Meeting, Washington, DC
September 28, 1996	Participant and presenter, American Rhinologic Society 42 nd Annual Scientific Meeting, Washington, DC

June 1996	Participant and presenter, American Association for the Study of Headache Annual Meeting, San Diego, 15 CME credits, Category 1
October 26-28, 1995	Instructor, Advanced Techniques in Endoscopic Sinus Surgery, University of Pennsylvania, Philadelphia
September 17-20, 1995	Participant, speaker & instructor, American Academy of Otolaryngology-Head & Neck Surgery's 99 th Annual Meeting, New Orleans
September 16, 1995	Participant & presenter, American Rhinologic Society 41 st Annual Scientific Meeting, New Orleans, 8 CME credits, category 1
October 27-29, 1994	Instructor, Advanced Techniques in Endoscopic Sinus Surgery, University of Pennsylvania, Philadelphia
April 7-9, 1994	Instructor, Functional Endoscopic Sinus Surgery Basic Course, University of Pennsylvania, Philadelphia
June 25-28, 1992	Participant, In-Vitro Allergy Seminar Advanced Course, Dallas, 24 CME credits, category 1

Original Presentations:

September 1996	The Mucosal Contact Theory of Migraine: Radiographic, Histologic & Clinical Evidence. Platform presentation at the American Rhinologic Society 42 nd Annual Meeting, Washington, DC
June 1996	Headache as a Nasocranial Reflex (Poster), American Association for the Study of Headache Annual Meeting, San Diego
September 1995	Endoscopic Sinonasal Surgery in the Management of Primary Headaches. Paper presented at the American Rhinologic Society 41 st Annual Meeting, New Orleans
October 1993	Giant Cell Granuloma of the Hard Palate (Poster), American Academy of Otolaryngology-Head & Neck Surgery Annual Meeting, Minneapolis

- July 1993 A Paradigm of Rhinogenic Headache. Paper presented at the International Advanced Sinus Symposium, Philadelphia
- July 1993 Cavernous Sinus Thrombosis in the Immuno-compromised Host. Paper presented at the International Advanced Sinus Symposium, Philadelphia
- June 1993 Rhinogenic Headache in the Absence of Nasal and Sinus Symptoms (Poster), American Association for the Study of Headache Annual Meeting, San Francisco.
- September 1991 Osteoma of the Internal Auditory Canal (Poster), American Academy of Otolaryngology-Head & Neck Surgery Annual Meeting, Kansas City
- May 1990 Otolaryngologic Findings in Pediatric AIDS (Poster), American Society of Pediatric Otolaryngology Annual Meeting, Toronto

Bibliography:

Original Papers:

Clerico DM: Rhinogenic headache in the absence of nasal and sinus symptoms (Abstract). *Headache* 1993; 33:273.

Clerico DM, Fieldman R: Referred headache of rhinogenic origin in the absence of sinusitis. *Headache* 1994; 34:226-229.

Clerico DM, Jahn A, Fontanella S: Osteoma of the internal auditory canal: Case report and literature review. *Annals of Otolaryngology, Rhinology and Laryngology* 1994; 103:619-623.

Clerico DM, Kennedy DW: Chronic Sinusitis: Diagnostic and Treatment Advances. *Hospital Medicine* 1994;30:15-24.

Karas DE, Kwartler JA, Clerico DM: Ivemark's Syndrome and congenital hearing loss. *Otolaryngology-Head & Neck Surgery*;111:319-322.

Clerico DM: "Sinus Headaches" reconsidered: Referred cephalgia of rhinologic origin masquerading as primary headaches. *Headache* 1995;35:185-192.

Clerico DM: Pneumatized superior turbinate as a cause of referred migraine headache. *Laryngoscope* 1996;106:874-879.

Clerico DM, Grabo D: Complete aplasia of the maxillary sinus. *Annals of Otolaryngology, Rhinology and Laryngology* 1997;106:799-800.

Clerico DM, Evan K, Montgomery L, Lanza DC: Endoscopic sinonasal surgery in the management of primary headaches. *Rhinology* 1997;35:98-102.

Clerico DM: Sources and effects of indoor air pollution, including sick building syndrome. *Current Opinion in Otolaryngology & Head & Neck Surgery* 1996, 4:44-49.

Clerico DM, Grabo DJ, Goldberg A: The mucosal contact theory of migraine: Radiographic, histologic and clinical evidence. Submitted for publication, *American Journal of Rhinology*.

Clerico DM, Grabo DJ: A blinded prospective study on the effects of middle turbinectomy accompanying endoscopic sinus surgery: Short term subjective and objective findings. In preparation.

Clerico DM, Grabo DJ: An experimental study of pain referred from the sinonasal cavity. In preparation.

Clerico DM: Environmental factors in sinus disease. The role of air pollution. Submitted for publication, *Otolaryngology-Head & Neck Surgery*.

Hernandez HN, Lewis RE, Yousem DM, Clerico DM, Weinstein GS: Central giant cell granuloma of the hard palate. *Otolaryngology-Head & Neck Surgery* 1998;118:871-873.

Clerico DM, Bicking G: Migraine and trigeminal neuralgia-like pain caused by maxillary mucopyoceles. Submitted for publication.

Orlandi RR, Lanza DC, Bolger WE, Clerico DM, Kennedy DW: The forgotten turbinate: The role of the superior turbinate in endoscopic sinus surgery. *American Journal of Rhinology* 1999; 13:251-259.

Book Review:

Clerico DM, Lanza DC: Practical Endoscopic Sinus Surgery, Anand VK and Panje WR (eds). McGraw-Hill; New York. 1993. In *Otolaryngology-Head & Neck Surgery* 1994;110:611.

Book Chapters:

Lanza DC, Clerico DM: Anatomy of the nasal cavity and olfactory passages. In: Doty RL (ed); Handbook of Clinical Olfaction and Gustation. New York; Marcel Dekker. 1995.

Clerico DM, Kennedy DW, Henick D: Functional endoscopic sinus surgery. In: Gershwin ME and Incaudo GA (eds); Diseases of the Sinuses: A Comprehensive Textbook of Diagnosis and Treatment. Totowa, NJ; Humana Press, 1996.

Clerico DM: Rhinopathic headaches. In: Gershwin ME and Incaudo GA (eds); Diseases of the Sinuses: A Comprehensive Textbook Diagnosis and Treatment. Totowa, NJ; Humana Press, 1996.

Clerico DM, Kennedy DW: Surgical approaches. In: Virant F (ed); Sinusitis – Practice Parameters. St. Louis, Mosby. 1997 (projected).

Clerico DM: Medical treatment of chronic sinus disease. In: Kennedy, Bolger & Zinreich (eds); Diseases of the Sinuses: Diagnosis and Management. Hamilton, Ont.; B.C. Decker, 2001.

Clerico DM: Environmental influence on sinus disease: the role of chemical air pollutants. In: Kennedy, Bolger & Zinreich (eds); Diseases of the Sinuses: Diagnosis and Management. Hailton, Ont.; B.C. Decker, 2001.

Clerico DM: Diagnosis and therapy of rhinologic causes of headache and facial pain. In: Otolaryngology-Head & Neck Surgery Recertification Study Guide, sponsored by the American Academy of Otolaryngology-Head & Neck Surgery. 1998.

Audio tapes:

Clerico DM: Air pollution and sinusitis. Audio-Digest Otolaryngology Vol. 28, Number 23. December 7, 1995.

Clerico DM: Air pollution and health. Audio-Digest Otolaryngology Vol 31, Number 20. October 15, 1998.

Television Appearances:

July 1993 Local Evening News, WCAU Channel 10, Philadelphia, PA
Prognosis and management of laryngeal trauma victim.

February 1995 Local Evening News, WBRE Channel 28, Wilkes-Barre, PA
Chronic sinusitis and endoscopic sinus surgery.

March 1995 National News, CNN Headline News
Endoscopic Sinus Surgery.

June 1995 Local Evening News, WBRE Channel 28, Wilkes-Barre, PA
Migraines due to nasal and sinus abnormalities.

June 1995 CNBC National News
Migraine study funded by the National Headache Foundation.

January 1996 “Call the Doctor” program, WVIA-TV (PBS)
Panel discussion by experts on migraine.

August 1996 “Ask the Doctor” segment, WBRE Channel 28 News at Noon
Questions and Answers on migraine.

Interests/Hobbies:

Guitar/Songwriting
Theology/spirituality
Hiking/camping