

## CURRICULUM VITAE

January 2020

NAME: M. Miles Goldsmith, M.D., F.A.C.S.

CURRENT POSITION: Recently retired Neurotologist, Georgia Ear , Savannah, GA

SPECIALTY: Neurotology

## EDUCATION:

High School	Savannah Country Day School, Savannah, GA, 1974 Valedictorian
Undergraduate College	BA, Chemistry, 1978 University of North Carolina, Chapel Hill
Medical School	M.D. with Honors, 1982 University of North Carolina, School of Medicine

## GRADUATE TRAINING:

Internship	General Surgery, Memorial Medical Center, Savannah, Georgia, July 1982 – January, 1984
Residency	Otolaryngology, University of North Carolina, Chapel Hill, North Carolina, January, 1984 – June, 1987
Fellowship	Neurotology, Georgia Ear Institute, Savannah, Georgia 1993 - 1995

## APPOINTMENTS:

Assistant Professor of Otolaryngology—Head and Neck Surgery,  
Department of Otolaryngology—Head and Neck Surgery, Johns Hopkins  
Medical Institutions, 6/87 – 1/89

Chief of Head and Neck Surgery, Loch Raven Veteran's Administration  
Medical Center, 6/87 – 1/89

Clinical Assistant Professor of Otolaryngology, University of North  
Carolina School of Medicine, 6/87 – Present

Clinical Associate Professor, Department of Surgery, Mercer University  
School of Medicine, 4/98 – Present

## ACTIVITIES AND HONORS

Residency: Second International Symposium on Head and Neck Cancer - First Place  
Award for Research. The Importance of the Eosinophil in Head and Neck  
Cancer. Boston, 1988

Academy of Otolaryngology - Head and Neck Surgery - First Prize for  
Clinical Research. Resident Forum, San Antonio, Texas, September, 1986

Society of Head and Neck Surgeons Award for Best Clinical Research by a  
Resident/Fellow, Colorado Springs, Colorado, May, 1986

Newton D. Fischer Temporal Bone Dissection Award 1984

Nathan A. Womack Scholar (Faculty-elected most outstanding resident or  
fellow in surgery), 1987

Medical School M.D. with Honors

A.O.A., elected junior year, President senior year

Medical Faculty Award (Faculty-elected most outstanding medical student,  
Class of 1982)

Deborah C. Leary Award, 1982 (Most outstanding medical student research  
for the year 1982)

Lange Award for Academic Excellence, 1981, 1982

Academic Student Merit Scholarship, 1981, 1982

## ACTIVITIES AND HONORS (Cont.)

Medical School (Cont.)

Honors grade all four years

Admissions Committee

President of AOA

Undergraduate

Phi Eta Sigma

Phi Beta Kappa

Alpha Epsilon Delta

Student Honor Court

Varsity Track - Javelin

Atlantic Coast Honor Roll

Dean's List all semesters, GPA 3.98/4.00, graduated 4th in  
a class of 4,000

High School

Valedictorian

Editor of the Yearbook

Lettered in four varsity sports

LICENSURE AND CERTIFICATION:

Georgia State Medical License #25161, issued  
August 10, 1983

South Carolina State Medical License #18500, issued  
July 1, 1996

North Carolina State Medical License #27546, issued  
October 15, 1983

Maryland State License #D-35352, expired  
September 30, 1988

American Board of Otolaryngology, Fellow,  
January 19, 1988

American College of Surgeons, Fellow,  
October, 1994

Neurotology Fellowship, Georgia Ear Institute  
Malcolm D. Graham, MD, FACS, 1993-1995

## RESEARCH EXPERIENCE:

1977 – Estrogen Receptors —  
Shihadey Nayfeh, Ph.D.

1979 – Metabolic Bone Disease —  
Stephen A. Grubb, M.D.

1981 – 82 - Fluosol 43 and Brain Oxygenation —  
Herbert J. Proctor, M.D.

1985 – 86 - DNA Flow Cytometry and Head and Neck  
Cancer

1986 – 87 - Stromal Eosinophilia in Head and Neck Cancer

1993 – Present - Neuronavigation in Neurology

1993 – Present - AllHear House Cochlear Implant  
Investigation

1994 – 1995 - Otologic bur development, Brassler/Komet

1994 – 1995 - Frameless Stereotaxy, Stealth, InstaTrak

1997 — Intracochlear Electrical Stimulation for Control of  
Tinnitus

1997 — Intracochlear Electrically Stimulated ABR for  
Determination of Auditory Threshold in Infants

1999-present – transtympanic cochlear implant systems.  
Miicrophonics Inc.

2015-2016 Optoelectric transcanal cochlear implant system

2000 – present – oil free , high torque otologic drill  
systems

2010 – Ossean integrated Bone Oscillator, a rapid  
osseointegrated and simplified BAHA system

2015-16 Bluestream Hearing Loop Systems

2015 to present Automative Audiometry with hearing aid  
simulation



BOARD OF DIRECTORS:

Founder and Chairman of Board of Directors of the Savannah Health Mission, a free clinic for the working poor, April 21, 1996 to 2001.

ICOT Foundation, Inc. Founder and President (International Center for Otologic Training), October, 1997 to present.

Chatham Hospital Authority Board. 2005 to 2012

Board of Directors of the Kerr L. White Institute for Health Services Research, October, 1996 to September, 1997.

Savannah Cotillion Board of Directors, October 1996 to 1998.

President and Founder of Georgia Ear Institute, December 1992 to 2007.

Martha Entenmann Tinnitus Research Center, Inc., December 1997 to 2002.

Prosper Meniere's Society Board of Directors, June, 1999 to Present

Computer Assisted Surgery Journal, Editorial Board

Hearing Systems, 2010 to present

Founder and Chairman of Board of Directors of ICOT

Founder of ICOT Hearing Systems

Founder of Rejoice Hearing Systems

Founder of Mobilears

AWARDS

1998 National Honor Award, Presented by the American Academy of Otolaryngology-Head and Neck Surgery, Inc.

Best Doctors in America, 1995, 2010, 2011, 2013

Savannah Country Day School Distinguished Alumni Award, 2005

Presidential Medallion, American Neurotology Society.  
May, 2016

COMMUNITY ACTIVITIES

2008

Downtown Savannah Rotary Club, Paul Harris Fellow

Savannah Health Mission, Founder and Chairman, 1998-

Chatham Hospital Authority 2007-2011

Vestry. Christ Church Episcopal



## PRESENTATIONS:

1. The Importance of the Eosinophil in Head and Neck Cancer, Second International Conference on Head and Neck Cancer, August 3, 1988, Boston, Massachusetts
2. Cytometric and Pathologic Indicators of Survival in Head and Neck Cancer, Second International Conference on Head and Neck Cancer, August 1, 1988, Boston, Massachusetts
3. Reconstruction After Anterior Mandibulectomy With the Trapezius Osteomyocutaneous Flap, Grand Rounds in Surgery, Johns Hopkins Medical Institutions, February 13, 1988
4. The Importance of the Eosinophil in Head and Neck Cancer, 1987 Nathan A. Womack Society Meeting, University of North Carolina School of Medicine
5. The Prognostic Implications of Stromal Eosinophil in Head and Neck Cancer, 1987 Newton D. Fischer Society Meeting, University of North Carolina School of Medicine
6. DNA Flow Cytometry as a Prognostic Indicator in Head and Neck Cancer, American Academy of Otolaryngology - Head and Neck Surgery, San Antonio, Texas, September 14, 1986
7. Significance of Ploidy in Laryngeal Cancer, Society of Head and Neck Surgeons, Colorado Springs, Colorado, May 8, 1986
8. Management of Carotid Artery Injuries at the Skull Base, North Carolina State Medical Society, May, 1985
9. Cerebral Cortical ATP and Lactate Concentrations After Exchange Transfusion With Fluosol 43, Forum of the American College of Surgeons, San Francisco, California, September, 1981
10. Navigational Surgery - Principles and Clinical Applications to Skull Base Surgery. Johns Hopkins Conference on Minimally Invasive Imaging and Surgery, Snowmass Village/Aspen, CO, March 13 - 16, 1994.
11. Clinical Applications of Frameless Stereotactic Devices in Neurotology - A Preliminary Report. The American Neurotology Society Annual Meeting, Palm Beach, FL, May 8, 1994.
12. Clinical Applications of Frameless Stereotactic Devices in Neurotology. The Seventh Neuroscience Nursing Symposium, Hilton Head Island, South Carolina, September 15 & 16, 1994.
13. Otolaryngologic Navigational Surgery. American Academy of Otolaryngology-Head and Neck Surgery Annual Meeting, San Diego, CA, September 18-21, 1994

## PRESENTATIONS (Cont.)

14. Clinical Applications of Frameless Stereotactic Devices in Neurotology - A Preliminary Report. Georgia Society of Otolaryngology-Head and Neck Surgery, Atlanta, Georgia November 17 - 18, 1994.
15. Endoscopic Skull Base Surgery and Repair of CSF Leaks. Joint International Congress on Minimally Invasive Techniques in Neurosurgery and Otolaryngology, Pittsburgh, Pennsylvania, June 16 - 20, 1995.
16. Minimally Invasive Burr Systems in Otolaryngology Surgery. Joint International Congress on Minimally Invasive Techniques in Neurosurgery and Otolaryngology, Pittsburgh, Pennsylvania, June 16 - 20, 1995.
17. Applications of Frameless Stereotaxy in Neurosurgery. Joint International Congress on Minimally Invasive Techniques in Neurosurgery and Otolaryngology, Pittsburgh, Pennsylvania, June 16 - 20, 1995.
18. Intraoperative Monitoring and Navigational Surgery. Joint International Congress on Minimally Invasive Techniques in Neurosurgery and Otolaryngology, Pittsburgh, Pennsylvania, June 16 - 20, 1995.
19. Surgical Approaches to the Cerebellopontine Angle. International Center for Otologic Training (ICOT), Savannah, GA, August 12-30, 1996.
20. Cochlear Implants. International Center for Otologic Training (ICOT), Savannah, GA, August 12-30, 1996.
21. Techniques of Ossiculoplasty and Tympanoplasty. International Center for Otologic Training (ICOT), Savannah, GA, August 12-30, 1996.
22. Stapedectomy. International Center for Otologic Training (ICOT), Savannah, GA, August 12-30, 1996.
23. Acoustic Tumors. International Center for Otologic Training (ICOT), Savannah, GA, August 12-30, 1996.
24. Cochlear Implants. Advanced Bionics Clarion Cochlear Implant Symposium, Georgia Ear Institute, Savannah, GA, January 7, 1997.
25. Cochlear Implants. Neuro Round Table, Memorial Medical Center, February 18, 1997.
26. Chronic Ear Surgery. International Center for Otologic Training (ICOT), Savannah, Georgia, July 16, 1997.

## PRESENTATIONS (Cont.)

27. Otosclerosis: Diagnosis and Surgery. International Center for Otologic Training (ICOT), Savannah, Georgia, July 16, 1997.
28. Skull Base Surgery. International Center for Otologic Training (ICOT), Savannah, Georgia, July 25, 1997.
29. Cochlear Implants. International Center for Otologic Training (ICOT), Savannah, Georgia, July 25, 1997.
30. Cochlear Implants - 21st Century. First International Tinnitus Think Tank Session of the Martha Entenmann Tinnitus Research Center, Brooklyn, New York, October 17-18, 1997.
31. Electrode Suppression of Tinnitus, via Cochlear Implants. First International Tinnitus Think Tank Session of the Martha Entenmann Tinnitus Research Center, Brooklyn, New York, October 17-18, 1997.
32. Cochlear Implantation in the 21st Century. Georgia Society of Otolaryngology Meeting, Atlanta, Georgia, November 21, 1997.
33. Otosclerosis: Diagnosis and Surgery. International Center for Otologic Training, Georgia Ear Institute, Savannah, Georgia, March 1-14, 1998.
34. Skull Base Surgery. International Center for Otologic Training, Georgia Ear Institute, Savannah, Georgia, March 1-14, 1998.
35. Ossicular Chain Reconstruction. International Center for Otologic Training, Georgia Ear Institute, Savannah, Georgia, March 1-14, 1998.
36. Short Electrode Cochlear Implants: The Efficacy in Rehabilitation in Profound Deafness. Neurootological and Equilibriometric Society Meeting, Bad Kissingen, Germany, March 19-22, 1998
37. Short Electrode Cochlear Implants: Electrical Suppression of Tinnitus. Neurootological and Equilibriometric Society Meeting, Bad Kissingen, Germany, March 19-22, 1998
38. Frameless Stereotaxy in Skull Base Surgery. 2nd Symposium Minimally Invasive Techniques and Image Guided Surgery in ENT and Skull Base Surgery, Toulouse, France, July 2-4, 1998.
39. Minimal Invasive Cochlear Implant Surgery: the Role of the Short Electrode. 2nd Symposium Minimally Invasive Techniques and Image Guided Surgery in ENT and Skull Base Surgery, Toulouse, France, July 2-4, 1998.

## PRESENTATIONS (Cont.)

40. Electrical Stimulation/Tinnitus Control: International Tinnitus Forum, New York, New York, September 12, 1998.
41. Cochlear Implants, AllHear Cochlear Implant Symposium, Singapore, September 26-27, 1998
42. Ossicular Chain Reconstruction, International Center for Otologic Training (ICOT), Savannah, Georgia, May 1, 1999.
43. Otosclerosis: Diagnosis and Surgery, International Center for Otologic Training (ICOT), Savannah, Georgia, May 3, 1999.
44. Cochlear Implants, International Center for Otologic Training (ICOT), Savannah, GA, May 7, 1999.
45. Cochlear Implants in the 21st Century and Electrical Suppression of Tinnitus, Atlanta Hears, August 15, 1999
46. Georgia Ear Institute's Approach to the Tinnitus Patient, Tinnitus Forum, AAO-HNS Annual Meeting, September 25, 1999.
47. ICOT/Cochlear Implant Conference, Hanoi, Vietnam, three day course on Cochlear (Implantation November 29 - December 8, 1999).
48. The 6th International Cochlear Implant Conference, Miami, Florida, February 3-5, 2000
49. Cochlear Implants: State of the Art and the Future, International Center for Otologic Training (ICOT), Savannah, GA, May 2000
50. Implantable Hearing Devices, International Center for Otologic Training (ICOT), Savannah, GA, May 2000
51. Surgical Management of Middle Ear Disorders, International Center for Otologic Training (ICOT), Savannah, GA, May 2000
52. Cochlear Implants: State of the Art and the Future, International Center for Otologic Training (ICOT), Savannah, GA, May 2001
53. Implantable Hearing Devices, International Center for Otologic Training (ICOT), Savannah, GA, May 2001
54. Surgical Management of Middle Ear Disorders, International Center for Otologic Training (ICOT), Savannah, GA, May 2001

## PRESENTATIONS (Cont.)

55. Cochlear Implants: State of the Art and the Future, International Center for Otologic Training (ICOT), Savannah, GA, May 2002
56. Implantable Hearing Devices, International Center for Otologic Training (ICOT), Savannah, GA, May 2002
57. Surgical Management of Middle Ear Disorders, International Center for Otologic Training (ICOT), Savannah, GA, May 2002
58. What's New With the Inner Ear?, Family Practice Symposium, Memorial Health University Medical Center, Savannah, GA, December 13, 2002
59. Cochlear Implants: State of the Art and the Future, Annual Mexican Congress of Otolaryngology Meeting, Huatulco, Mexico, February 12–16, 2003
60. Implantable Hearing Devices, Annual Mexican Congress of Otolaryngology Meeting, Huatulco, Mexico, February 12–16, 2003
61. Intratympanic Therapies for Inner Ear Disorders, Annual Mexican Congress of Otolaryngology Meeting, Huatulco, Mexico, February 12–16, 2003
62. May 2003.
63. Intratympanic Therapies, International Center for Otologic Training (ICOT), Savannah, Georgia, May 2003.
64. Cochlear Implants. International Center for Otologic Training (ICOT), Savannah, Georgia, May 2004
65. Transtympanic Therapies for Inner Ear Disorders. International Center for Otologic Training (ICOT), Savannah, Georgia, May 2004.
66. Semi-implantable hearing aid systems, International Center for Otologic Training (ICOT), Savannah, Georgia, . International Center for Otologic Training (ICOT), Savannah, Georgia, May 2004.
67. Solving Global Deafness. Savannah Rotary Club, Sept. 2004
68. Solving Global Deafness. Hilton Head Rotary Club, Jan, 2005
69. Solving Global Deafness. Savannah Eastside Rotary Club, Feb 2005
70. Solving Global Deafness. Savannah Southside Rotary Club. Feb, 2005.

71. Cochlear Implants. International Center for Otologic Training ( ICOT ), Savannah, Georgia , May 2005
72. Transtympanic Therapies for Inner Ear Disorders. International Center for Otologic Training ( ICOT ), Savannah, Georgia , May 2005.
73. Semi-implantable hearing aid systems, International Center for Otologic Training (ICOT), Savannah, Georgia , . International Center for Otologic Training ( ICOT ), Savannah, Georgia , May 2005.
74. Record of presentations discontinued after 2005

## PUBLICATIONS

1. Goldsmith, M.M., Palladino, G.S., Proctor, H.J.: Cerebral Cortical ATP and Lactate Concentrations After Exchange Transfusion With Fluosol 43, *Forum Amer. College Surg.*, San Francisco, 1981
2. Sylvia, A., Jobsis, F., Proctor, H.J., Goldsmith, M.M.: Exchange Transfusion With Fluosol 43: In vivo Assessment of Cerebral Cytochrome c Oxidase Redox State, *J. Trauma*, 1982; 22:815-819
3. Goldsmith, M.M., Postma, D.S., Jones, D.: Surgical Exposure of Carotid Artery Injuries at the Skull Base, *Otolaryng. Head and Neck Surg.*, 1986; 95:278-284
4. Goldsmith, M.M., Cresson, D.S., Postma, D.S., Askin, F.B., Arnold, L.A., Pillsbury, H.C.: Significance of Ploidy in Laryngeal Cancer, *Am. J. Surg.*, 1986; 152:396-402
5. Goldsmith, M.M., Fry, T.L.: A Simple Method of Fixing the Depressed Zygomatic Arch Fracture, *Laryngoscope*, 1986; 96:325-326
6. Goldsmith, M.M., Cresson, D.S., Postma, D.S., Arnold, L.A., Askin, F.B., Pillsbury, H.C.: DNA Flow Cytometry as a Prognostic Indicator in Head and Neck Cancer, *Otolaryng. Head and Neck Surg.*, 1987; 96:307-317
7. Goldsmith, M.M., Fry, T.L.: Tips on Septal Dermoplasty, *Laryngoscope*, 1987; 97:994-995
8. Goldsmith, M.M., Strobe, G.L., Postma, D.S.: Management of Postcricoid Hemangioma in Infancy, *Laryngoscope*, 1987; 97:851-853
9. Goldsmith, M.M., Cresson, D.S., Askin, F.B.: Prognostic Significance of Stromal Eosinophilia in Head and Neck Cancer, *Otolaryng. Head and Neck Surg.*, 1987; 96:319-324
10. Weissler, M.C., Goldsmith, M.M., Martinkowski, S.: A Method of Closure After Resection of Anterior Floor of Mouth Cancers, *Otolaryng. Head and Neck Surg.*, 1988; 99:315-320
11. Goldsmith, M.M.: Hypoparathyroidism and Hypothyroidism After Cricopharyngeal Myotomy, Tracheostomal Revision, and T-E Puncture For Laryngeal Speech, *Arch. Otolaryng. - Head and Neck Surg.*, 1987; 133:670
12. Cresson, D.S., Goldsmith, M.M., Askin, F.B., Jeanette, C.J.: The Benign Metastasizing Pleomorphic Adenoma, *J. of Oncology and Immunology*,

## PUBLICATIONS (Cont.)

13. Goldsmith, M.M., Price, J.C.: Compound Pharyngeal-Myocutaneous Flap Reconstruction of Major Palatal Defects in Head and Neck Cancer, *Archives of Otolaryng. - Head and Neck Surg.*, Nov. 1988, Vol. 114, pp. 1288-1289
14. Goldsmith, M.M.: The Adjustable Two-Piece Nasal Septal Button, *Otolaryng. - Head and Neck Surg.*, 1989, Oct. Vol. 101 (4) pp. 507-508
15. Goldsmith, M.M.: The Punch Myringotomy System, *Otolaryng. - Head and Neck Surg.*, 1989, June, Vol 100 (6) 642-643
16. Johns, M.E., Goldsmith, M.M.: Incidence, Diagnosis, and Classification of Salivary Gland Tumors, *Oncology*, February, 1989, Vol. 3, No. 3, pp. 47 – 56
17. Johns, M.E., Goldsmith, M.M.: Current Management of Salivary Gland Tumors, *Oncology*, March, 1989, Vol. 3, No. 3, pp. 85 – 91
18. Goldsmith, M.M.: Summary of Panel Discussion, Primary Tracheoesophageal Puncture for Facilitation of Alaryngeal Speech, *Head and Neck Surg.*,
19. Weissler, M.C., Goldsmith, M.M., Woods, C.I.: A Technique for Emergency Endotracheal Intubation with the Dedo Laryngoscope, *Annals Oto. Rhino. Laryng.*
20. Goldsmith, M.M.: Book Review, Scientific Perspectives, Head and Neck Cancer, *Otolaryng. Head and Neck Surg.*,
21. Weigel, M.T., Parker, M.Y., Goldsmith, M.M., Postma, D.S., Pillsbury, H.C.: A Prospective Randomized Study of Four Commonly Used Tympanostomy Tubes, *Laryngoscope*, Mar. 1989, pp. 252-256
22. Kennedy, D.W., Josephson, J.S., Zinreich, S.J., Mattox, D.E., Goldsmith, M.M.: Endoscopic Sinus Surgery for Mucoceles: A Viable Alternative, *Laryngoscope* 99: Sept. 1989, pp. 885-895
23. Goldsmith, M.M.: The Punch Myringotomy System, *Drug/Device Capsules*, Vol. 100, No. 6, June 1989
24. Cresson, D.H., Goldsmith, M.M., Askin, F.B., Reddick, R.L., Postma, D.M. and Siegal, G.P.: Metastasizing Pleomorphic Adenoma with Myoepithelial Cell Predominance, *Path. Res. Pract.* 186, 1990, pp. 795-800
25. Park, R.I., Liberman, F.Z., Lee, D.J., Goldsmith, M.M., Price, J.C.: Iodine-125 Seed Implantation as an Adjunct to Surgery in Advanced Recurrent Squamous Cell Cancer of the Head and Neck. *Laryngoscope*, 1991, April, Vol. 101, No. 4, pp. 405-410



## PUBLICATIONS (Cont.)

26. Goldsmith, M.M., Belchis, D.A., Cresson, D.H., Merritt, W.D. 3d, Askin, F.B.: The Importance of the Eosinophil in Head and Neck Cancer. *Otolaryngol. Head Neck Surg.*, 1992, Jan.; 106 (1), pp. 27-33
27. Park, R., Goldsmith, M.M., Lee, D.J.: I-125 Brachytherapy for Advanced Head and Neck Cancer, *Laryngoscope*, - in press
28. Park, R.W., Goldsmith, M.M., Lee, D.J., Johns, M.E.: Brachytherapy in Head and Neck Cancer - The Hopkins Experience, *Archives of Otol.*, - Manuscript in preparation.
29. Luzzi, F., Goldsmith, M.M., Johns, M.E.: The Physiologic Effects of I-125 Brachytherapy on Myocutaneous Flaps in Sprague Dawley Rats, *Otolaryng. Head and Neck Surg.*, - Manuscript in preparation
30. Goldsmith, M.M., Bucholz, R.D., Smith, K.R, Nitsche, N.: Clinical Applications of Frameless Stereotactic Devices in Neurotology: A Preliminary Report. *Am. J. Otology* - 16:4 - July 1995
31. Goldsmith, M.M., Bucholz, R.D., Smith, K.R., Nitsche, N., Optoelectric Frameless Stereotactic Endoscopic Sinus and Anterior Skull Base Surgery: A Preliminary Report. *Laryngoscope* - In press.
32. Delap, T.G., Graham, M.D., Goldsmith, M.M., Overview of Surgery For Chronic Ear Disease. *Proceedings of Thailand Pediatric ORL Conference 1998*
33. Goldsmith, M.M., Cochlear Implantation in the Twenty-First Century. *International Tinnitus Journal*, Vol. 5, No. 1, 103 (1999)
34. Graham, M.D, Delap, T.G., Goldsmith, M.M., Closed Tympanomastoidectomy. *The Otolaryngologic Clinics of North America* 32:3, June 1999, 547-554.

## BOOKS AND CHAPTERS:

**Books:**

1. Pillsbury, H.C. and Goldsmith, M.M. (eds.): Operative Challenges in Otolaryngologic Surgery, Year Book Medical Publishers, Inc., Chicago, London, Boca Raton, Littleton, 1990
2. Stiernberg, C.M., Woodham, J.D., Goldsmith, M.M., Papel, I.D., Calhoun, K.H., Eisele, D.: Home Study Course, Faculty for American Academy of Otolaryngology-Head and Neck Surgery, Section 7 *Neoplastic and Inflammatory Diseases of the Head and Neck*. February-March, 1995
3. Goldsmith, M.M., Papel, I.D., Calhoun, K.H., Eisele, D., Glenn, M.G., and Weber, R.S.: Home Study Course, Faculty for American Academy of Otolaryngology-Head and Neck Surgery, Section 7 *Neoplastic and Inflammatory Diseases of the Head and Neck*. February-March, 1997
4. Moonshadows. Reflections of Life in the Low Country. Chip Goldsmith, Debbie Ice. 2008
5. Islands Past. Chip Goldsmith. Debbie Ice. 2010

**Chapters:**

1. Pillsbury, H.C., Goldsmith, M.M., Facial Nerve Paralysis, Chapter 10 in *Essential Otolaryngology*, Head and Neck Surgery, Lee, K.J., (ed.), Medical Examination Publishing Co., New Hyde Park, NY, 1987
2. Goldsmith, M.M., Closure of Septal Perforations, *Atlas of Head and Neck Surgery*, Johns, M.E., (ed.), Mosby Yearbook Co. Dec. 1993
3. Goldsmith, M.M., Johns, M.E.: Craniofacial Resection of Malignant Sinus Neoplasms at the Skull Base, *Skull Base Surgery*, Long, D., (ed.), to be published
4. Goldsmith, M.M., Johns, M.E., Portella, R., McAfee, P.A., Nachlas, N.: Anterior Retropharyngeal Approach to the Upper Cervical Spine, *Neurosurgery*, Wilkins, Inc., 1988 Update
5. Goldsmith, M.M., McAfee, P.C., Johns, M.E.: Anterior Retropharyngeal Approach to the Upper Cervical Spine, *Neurosurgery Update I*, Wilkins, R.H. and Rengachary, S.S., (eds.), McGraw-Hill, Inc., Health Professions Div., New York, 1990
6. Goldsmith, M.M.: Cytometric and Pathologic Indicators of Survival in Head and Neck Cancer, *Head and Neck Cancer Vol. II*, International Congress Series, Excerpta Medica, Amsterdam, London, New York, Tokyo, 1992

7. Goldsmith, M.M., Nasal Septal Perforations, *Facial Plastic and Reconstructive Surgery*, Papell and Nachlass, Mosby Yearbook Co., Chicago, 1994; Graham, M.D., Goldsmith, M.M.: Labyrinthectomy: Indications and Surgical Technique. *The Otolaryngologic Clinics of North America*, Vol 27, No. 2, April 1994, 325-335
8. Graham, M.D., Goldsmith, M.M.: Infectious Diseases of the Ear, *Essential Otolaryngology*, 6th Edition, K.J. Lee, M.D., F.A.C.S., ed., Appleton & Lange, East Norwalk, CT 06855, 1994
9. Graham, M.D., Lee, K.J., Goldsmith, M.M.: Non-Infectious Diseases of the Ear, *Essential Otolaryngology*, 6th Edition, K.J. Lee, M.D., F.A.C.S., ed., Appleton & Lange, East Norwalk, CT 06855, 1994
10. Mattox, D.E., Goldsmith, M.M., Castellanos, P.: Minimally Invasive Surgery, *Otolaryngology-Head and Neck Surgery, Update One*, C.W. Cummings, MD, J.M. Fredrickson, MD, L.A. Harker, MD, C.J. Krause, D.E. Shuller, MD, eds., Mosby - Year Book, Inc., St. Louis, MO 63146, 1995; pp. 51-60
11. Graham, M.D., Goldsmith, M.M.: Surgical Management of Ménière's Disease With Endolymphatic Sac Decompression by Wide Bony Decompression of the Posterior Fossa Dura: Techniques and Results, *Treatment Options for Ménières Disease Endolymphatic Sac Surgery; Do It or Don't Do It*, I. Kaufman Arenberg, M.D., Malcolm D. Graham, M.D., Singular Publishing Group, Inc., San Diego, CA 92101, 1998
12. Graham, M.D., Goldsmith, M.M.: Transmastoid Labyrinthectomy Technique and Results, *Treatment Options for Ménières Disease Endolymphatic Sac Surgery; Do It or Don't Do It*, I. Kaufman Arenberg, M.D., Malcolm D. Graham, M.D., Singular Publishing Group, Inc., San Diego, CA 92101, 1998
13. Graham, M.D., Goldsmith, M.M., Infections of the Ear, *Essential Otolaryngology*, 7th Edition, K.J. Lee, M.D., F.A.C.S., ed., Appleton & Lange, Stamford, CT, 1998.
14. Graham, M.D., Lee, K.J., Goldsmith, M.M., Noninfectious Disorders of the Ear, *Essential Otolaryngology*, 7th Edition, K.J. Lee, M.D., F.A.C.S., ed., Appleton & Lange, Stamford, CT, 1998.
15. Stereotactic Navigation in Otologic Surgery. Chapter in *Otology*, 2009 edition, Poe et al editors

ACTIVITIES:

Task force for new materials for The American Academy of Otolaryngology - Head and Neck Surgery (Prepare Board examination questions)

Editorial Board of American Journal of Otolaryngology, 1987 – 1992

Otolaryngology Congress President, Joint International Congress on Minimally Invasive Techniques in Neurosurgery and Otolaryngology, June 17–20, 1995, Pittsburgh, PA

Editorial Board of Computer Assisted Surgery, 1995 – Present

Chatham Hospital Authority , 2005 to 2011

ICOT Hearing Systems, Founder

Board of Directors, Oglethorpe Club, 2014-16

Rejoice Hearing Systems, Founder 2015. Ruth Goldsmith, owner

Mobilears, Founder 2015. Ruth Goldsmith, owner

AllHear Foundation

## INVENTIONS AND PRODUCT IDEAS:

1. Goldsmith Grommet and Inserter - Xomed, Inc., United States Patent #5,053,040 granted October 1, 1991
2. Goldsmith Septal Button - Xomed, Inc. patented by Xomed
3. Inflatable Septal Splint - Xomed, Inc., United States Patent #5,139,510
4. Paraglottic Space Expander - Xomed, Inc., United States Patent #5,197,982, granted March 30, 1993
5. E-Cutter Otologic Burs – Komet Medical
6. Ultra High Frequency Modulation of Analog Signal in Cochlear Implantation Patent pending. David House, M. Miles Goldsmith.
7. Transcanal Middle Ear Cochlear Implant, United States Patent #6671559B2, 12/30/2003, Microphonics, Inc.
8. Saline Implant Round Window Direct Drive System patent pending
9. Method for Protecting Boat Hulls, patent issued
10. Optoelectric transcanal cochlear implant. In progress.

## WEB ADDRESSES

[Alhearfoundation.com](http://Alhearfoundation.com)

[Rejoicehearing.com](http://Rejoicehearing.com)

[Mobilears.com](http://Mobilears.com)

**MEMBERSHIPS:**

American Academy of Otolaryngology - Head & Neck Surgery

American Medical Association

Medical Association of Georgia

Prosper Ménière Society

Greater Atlanta Otolaryngology-Head and Neck Surgery Society

Pan American Association of Oto-Rhino-Laryngology Head and Neck Surgery

North American Skull Base Society

American College of Surgeons

The Society for Minimally Invasive Therapy

American Neurotology Society

Rotary International

Current Position. Previous Positions. Education and Qualifications.Â 1 NAME: Nationality: AFFILIATION CURRICULUM VITAE  
CLAUDIO A.G. PIGA Italian (born in Sassari, Italy) Department of Economics, Loughborough University ADDRESS: 7 Grasmere Road,  
Beeston, Nottingham NG9 3AQ OFFICE PHONE: (0044)-(0) ; fax (0044)-(0) /web site 1 Current Position From Mar.07 - Reader in  
Economics, Dept. of Economics, Loughborough University From Jan 05 - Senior Lecturer, Dept. A curriculum vitae, often shortened to  
CV, is a Latin term meaning "course of life." A CV is a detailed professional document highlighting a person's experience and  
accomplishments. Employers often require a CV when considering applications.Â A functional CV may be the right choice if you have  
recently graduated and are entering the job market for the first time, have multiple gaps in employment or you're changing careers.  
3. Combination. This CV type is a hybrid of the chronological and functional formats and allows adequate space for details about both  
your professional and educational history, as well as your skills and accomplishments. The elements you place first depend on your  
experience, career goals and what you believe is most relevant to the types of positions you're seeking. Curriculum Vitae (CV)  
means "course of life" in Latin, and that is just what it is. A CV is a concise document which summarizes your past, existing professional  
skills, proficiency and experiences. The purpose of this document is to demonstrate that you have the necessary skills (and some  
complementary ones) to do the job for which you are applying.Â The content of a CV should reflect the position for which you are  
applying. For example, if you are applying for a job as an IT technician, it is not relevant to the employer that you worked in several bars  
early in your career. If you are applying to work in a call center, your employer would love to hear about the customer service skills you  
learned when working with the public.