

## COLLEGE OF MEDICINE CURRICULUM VITAE

Scott M. Graham  
February 3, 2011

### I. EDUCATIONAL AND PROFESSIONAL HISTORY

#### A. List of Institutions Attended

##### Education

1981 M.B., B.S. (Honours), University of Adelaide, South Australia  
1982 Primary F.R.A.C.S., Australia  
1987 Part II F.R.A.C.S., Australia  
1988 Specialist Registration, South Australian Medical Board

##### Post-Graduate Education

1981 Intern, The Royal Adelaide Hospital, South Australia  
1982 Basic Surgical Trainee, The Royal Adelaide Hospital, South Australia  
1983 Basic Surgical Trainee, The Royal Adelaide Hospital, South Australia, including Term as Otolaryngology Resident  
1984 First-Year Advanced Trainee, Registrar, Department of Otorhinolaryngology, Adelaide Children's Hospital, South Australia  
1985 Second-Year Advanced Trainee, Registrar, Department of Otorhinolaryngology, The Royal Adelaide Hospital, South Australia  
1986 Third-Year Advanced Trainee, Registrar, Department of Otorhinolaryngology, The Queen Elizabeth Hospital, South Australia  
1987 Fourth-Year Advanced Trainee, Registrar, Department of Otorhinolaryngology, The Flinders Medical Centre, South Australia  
1988 Senior Registrar, Department of Otorhinolaryngology, The Royal Adelaide Hospital, South Australia  
1989 Fellow in Facial Plastic and Reconstructive Surgery and Head and Neck Oncology, Department of Otolaryngology-Head and Neck Surgery, University of Iowa, Iowa City, Iowa

##### Certification and Licensure

1990 Australian Board of Otolaryngology  
1991 USA, Foreign Medical Graduates' Examination  
Iowa License No. SP-25  
1992 FLEX Examination  
Specialist Registration in Otolaryngology-Head and Neck Surgery, The South Australian Medical Board  
Federal DEA No. XXXXXXXXXX  
Iowa State Controlled Substance No. XXXXXXXX

#### B. Professional and Academic Positions Held

1989 Associate in Facial Plastic and Reconstructive Surgery and Head and Neck Oncology, Department of Otolaryngology-Head and Neck Surgery, University of Iowa, Iowa City, Iowa

- 1990 Adjunct Staff, Department of Plastic and Reconstructive Surgery, University of Kansas, Kansas City, Missouri
- 1990 – 1993 Associate, Department of Otolaryngology-Head and Neck Surgery, University of Iowa, Iowa City, Iowa
- 1993 – 1994 Deputy Director of Otolaryngology-Head and Neck Surgery, Veterans' Administration Medical Center, Des Moines, Iowa
- 1993 – 1999 Assistant Professor, Department of Otolaryngology-Head and Neck Surgery, University of Iowa, Iowa City, Iowa
- 1995 – 1996 Visiting Medical Staff, Department of Surgery, Veterans' Administration Medical Center, Des Moines, Iowa
- 1999 – 2004 Associate Professor with Tenure, Department of Otolaryngology-Head and Neck Surgery, University of Iowa, Iowa City, Iowa
- 2004- Professor, Department of Otolaryngology-Head and Neck Surgery, University of Iowa, Iowa City, Iowa

### **Clinical Activities**

1. Inpatient

Operating Room, Department of Otolaryngology-Head and Neck Surgery, University of Iowa, Iowa City, Iowa – Approximately 16-20 hours per week

Inpatient Care, Department of Otolaryngology-Head and Neck Surgery, University of Iowa, Iowa City, Iowa – Care of Ward Patients and Inpatient Consults, approximately five hours per week

2. Outpatient

Outpatient Care (90 patients/week), Department of Otolaryngology-Head and Neck Surgery, University of Iowa, Iowa City, Iowa – Approximately 24 hours per week

3. Other

Attending Staff, Veterans' Administration Medical Center, Des Moines, Iowa – Halftime (1993-1994)

Visiting Staff, Veterans' Administration Medical Center, Des Moines, Iowa (1995-1996)

### **C. HONORS, AWARDS, RECOGNITIONS, OUTSTANDING ACHIEVEMENTS**

- 1978 Lynda Tapp Prize for Physiology and Pharmacology, University of Adelaide School of Medicine, Adelaide, Australia
- 1993 Hilding Memorial Lecture
- 1995 Basic Science Award, American Rhinologic Society, "Neuronal Homeostasis of Olfactory Epithelium" (Holcomb, Graham and Calof)
- 1998 Maurice H. Cottle Award for Outstanding Basic Science of Clinical Research in Rhinology in the Year, Bronze Level, "Effect of Topical Nasal Pharmaceuticals on Sodium and Chloride Transport by Human Airway Epithelia" (Jepsen, Graham, Zabner)

- 2002 Honor Award, American Academy of Otolaryngology, Head and Neck Surgery.  
 2003 American Academy of Otolaryngology – Head and Neck Surgery, Weinberger Sinus Clinic College, Instructional Course, Annual Meeting, Orlando, FL, Advanced Techniques in Sinus Surgery (Graham SM, Sethi D, and Stamm A)
- 2005 - 2007 “Best Doctors in America” Best Doctors Inc., Aiken, South Carolina.
- 2005 - 2007 Listed in “Guide to America’s Top Physicians” Consumers Research Council of America, Washington, D.C.
- 2008 Presidential Lecture, Section of Rhinology & Laryngology, Royal Society of Medicine, London, England

## II. TEACHING AT THE UNIVERSITY OF IOWA

### A. Teaching Assignments

#### **Classroom, Seminar or Teaching Laboratory**

- 1991 – 1995 Lecturer, Annual Introduction to Medicine Course, Paranasal Sinus Disease, Head and Neck Cancer, College of Medicine, University of Iowa, Iowa City, Iowa; one-hour lecture; responsible for entire lecture for entire year’s class
- 1991 – 1996 Lecturer, M3 Otolaryngology/Ophthalmology/Urology Rotations, Head and Neck Cancer, Paranasal Sinus Disease, College of Medicine, University of Iowa, Iowa City, Iowa; one-hour lecture; responsible for entire lecture once every six weeks for approximately 24 students
- 1996 Lecturer, Mechanisms of Taste and Smell, College of Medicine, University of Iowa, Iowa City, Iowa; one-hour lecture; responsible for entire lecture for entire M2 enrollment
- 1996 – present Lecturer, M3/M4 Otolaryngology Rotation, Paranasal Sinus Disease, College of Medicine, University of Iowa, Iowa City, Iowa; one-hour lecture; responsible for entire lecture once per month for approximately 10 students
- 2005 Lecturer, Annual Meeting of the American Academy of Otolaryngology – Head and Neck Surgery Foundation, Inc.; one hour lecture; jointly responsible for a miniseminar during the Scientific Session
- 2005 Lecturer, Annual Meeting of the American Academy of Otolaryngology – Head and Neck Surgery Foundation, Inc.; forty-five minute lecture; jointly responsible for a miniseminar for the Foundation Annual Meeting Symposia (FAMS)

#### **Clinical Teaching**

- 1989 – 2000 Faculty, Daily Instruction in Clinic, Operating Room and Wards, Department of Otolaryngology-Head and Neck Surgery, University of Iowa, Iowa City, Iowa; 50 hours per week
- 1989 – 1998 Faculty, Saturday Teaching Rounds, Department of Otolaryngology-Head and Neck Surgery, University of Iowa, Iowa City, Iowa; 1½ hours per week
- 1996 – 2000 Faculty, Saturday Lecture Series, Department of Otolaryngology-Head and Neck Surgery, University of Iowa, Iowa City, Iowa; one hour per week, weekly, from September to May
- 1991 – Faculty, Head and Neck Multidisciplinary Treatment Planning Committee, Weekly Conference, University of Iowa, Iowa City, Iowa; 1½ hours per week

B. Graduate Students Supervised

**Postdoctoral Fellow**

Eric A. Goebel, M.D., “Gene Therapy in Head and Neck Cancer”

**Head and Neck Fellows**

1990	Yoav Talmi, M.D.
1991	Gerry F. Funk, M.D.
1992	Joseph Valentino, M.D.
1993	Deborah Gonzales, M.D.
1994	David Wagner, M.D.
1995	Robert Johnston, M.D.
1996	D. Thane Cody, M.D.
1997	David J. Arnold, M.D.
1998	Bryan P. Fong, M.D.
1999	Jonathan R. B. Trites, M.D.
2000	Russell B. Smith, M.D.
2001	Sarvi S. Nalwa, M.D.
2002	Kristy Chang, M.D.
2003	David Goldstein, M.D.
2004	Joseph Scharff, M.D.
2005	Su Min Yi, M.D.
2006	Mark Jameson, M.D.
2007	Todd Preston, M.D.

**Oculoplastic Fellow Rotation (One 2-Month Rotation)**

1995	Ronan Conlan, M.D.
1996	Michael Murphy, M.D.
1997	Mark Alford, M.D.
1998	Lynnette Watkins, M.D.
2002	Junhee Lee, M.D.
2003	Alice Song, M.D.
2005	Richard Allen, M.D.
2007	Adel Al Suhuhaibani, M.D.

**Rhinology Fellows**

1997	Lincoln Chee, M.B., B.S.
1998	Lincoln Chee, M.B., B.S.
2002	Christopher L. Brown, M.D.
2003	Siew Shuen Chao, M.D.
2006	Matthew Proctor, M.D.
2007	Timothy Iseli, M.D.
2008	Mohannad Al-Qudah, M.D.
2009	Jamie Priestley, M.D.

**Ph.D. Thesis Committee**

2005	Nagendra Chemuturi, Dopamine Delivery Via The Nose
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**Otolaryngology Resident and Fellow Research Projects Supervised**

- 1992 Schubkegel, A Rhinology**  
 Schubkegel A and Graham SM. “Mucosal Ablation – A Rabbit Model for Functional Endoscopic Sinus Surgery Failures”. Presented at the Combined Otolaryngological Spring Meetings, American Rhinological Society, Palm Desert, California.
- 1992 Bauman, N Head and Neck**  
 Graham SM, Bauman N, Hoffman H, Robinson R and Benda J. “Estrogen Receptors in Adenoid Cystic Carcinoma”. Presented at Southern Section Meeting, Triological Society, Sea Island, Georgia.
- 1992 Gartlan, M Head and Neck**  
 Gartlan MG and Graham SM. “Basaloid Squamous Carcinoma” Archives of Otolaryngology-Head and Neck Surgery. Vol. 118:998-1001, 1992.
- 1993 Tsen, D Head and Neck**  
 Tsen D, Hoffman HT, Robinson R, Graham SM and McCulloch TM. “Sinonasal Undifferentiated Carcinoma: A Distinct Clinical Entity”. Presented at the Western Section Meeting, Triological Society, Seattle, Washington.
- 1993 Min, Y Voice**  
 Hoffman HT, Min Y, Graham SM, McCulloch TM and Funk GF. “Contemporary Evaluation of Vocal Cord Paralysis – A Cost-Effective Algorithm”. Presented at the Annual Meeting, Voice Society, Philadelphia, Pennsylvania.
- 1995 Laurenzo, J Head and Neck**  
 Laurenzo JF and Graham SM. “Tumefactive Fibroinflammatory Lesion of the Head and Neck: A Management Strategy”. Ear, Nose and Throat Journal. 74(2):87-94, 1995.
- 1995 Goebel, E Head and Neck**  
 Goebel E, Graham SM, Kern J and Davidson B. “Ad2LacZ Transduces Human Head and Neck Squamous Cell Carcinoma Cell Lines”. Presented at the Annual Meeting of the American Academy of Otolaryngology-Head and Neck Surgery, New Orleans, Louisiana.
- 1995 Holcomb, JD Rhinology**  
Presentation: Holcomb JD, Graham SM and Calof A. “Neuronal Homeostasis in Mammalian Olfactory Epithelium: A Review”. Presented at the American Rhinologic Society Meeting, New Orleans, Louisiana.  
Publication: Holcomb JD, Graham SM, and Calof AL. “Neuronal Homeostasis in Mammalian Olfactory Epithelium: A Review”. American Journal of Rhinology. Vol. 10;3:125-134, 1996.
- 1996 Carpenter, K Rhinology**  
Presentation: Carpenter K, Graham SM, Smith RJH. “Facial Skeletal Growth After Endoscopic Sinus Surgery in the Piglet Model”. Presented at the 42<sup>nd</sup> Annual Scientific Meeting, American Rhinologic Society, Washington, D.C.  
Publication: Carpenter KM, Graham SM, and Smith RJH. “Facial Skeletal Growth After Endoscopic Sinus Surgery in the Piglet Model”. American Journal of Rhinology. II:211-217, 1997.

- 1998 Moreano, E Rhinology**  
Moreano EH, Zich DK, Gosee JC and Graham SM. "Nasal Tooth". American Journal of Otolaryngology. 19(2):124-126, 1998.
- 1998 Goebel, E Head and Neck**  
Goebel EA, Davidson BL, Graham SM and Kern JA. "Tumor Reduction *In Vivo* After Adenoviral Mediated Gene Transfer of the Herpes Simplex Virus Thymidine Kinase Gene and Ganciclovir Treatment in Human Head and Neck Squamous Cell Carcinoma". Otolaryngology-Head and Neck Surgery. 119(4):331-336, October 1998.
- 1999 Carothers, D Rhinology**  
Presentation: Carothers D, Graham SM, Jia HP, Tack BF and McCray Jr PB. "Production of Beta-Defensin Antimicrobial Peptides by the Paranasal Sinus Mucosa". Presented at the American Rhinologic Society, New Orleans, Louisiana.  
Publication: Carothers DG, **Graham SM**, Jia HP, Ackermann MR, Tack BF and McCray Jr PB. "Production of  $\beta$ -Defensin Antimicrobial Peptides by Maxillary Sinus Mucosa". American Journal of Rhinology. 15(3):175-179, 2001.
- 1999 Scott, SN Rhinology**  
\*Scott SN, Graham SM, Sato Y and Robinson R. "Brown Tumor of the Palate in a Patient With Primary Hyperparathyroidism". Annals of Otolaryngology, Rhinology and Laryngology. 108:91-94, 1999.  
\*Featured as the cover illustration for the January, 1999, issue of the Annals of Otolaryngology, Rhinology and Laryngology.
- 2000 Carothers, D Rhinology**  
Presentation: Chee L, Graham SM, Carothers DG and Ballas ZK. "Immune Dysfunction in Refractory Sinusitis in a Tertiary Setting". Presented at the Western Section of the Triological Society in San Francisco, California.  
Publication: Chee L, Graham SM, Carothers DG and Ballas ZK. "Immune Dysfunction in Refractory Sinusitis in a Tertiary Setting". Laryngoscope. 111:233-235, 2001.
- 2001 McGuirt, W Head and Neck**  
McGuirt WT, Graham SM, Nerad JA, Funk GF, McCulloch TM and Hoffman HT. "Orbital Management and Reconstruction of Paranasal Sinus Malignancy". Presented at the Middle Section of the Triological Society in Chicago, Illinois.
- 2001 Scott, SN Head and Neck**  
Scott SN, McCulloch TM, Graham SM and Fitzpatrick K. "Perioperative and Long-Term Anemia in the Head and Neck Cancer Patient Population". Presented at the Western Section of the Triological Society in Carlsbad, California.
- 2002 Thomas, RD Rhinology**  
Presentation: Thomas RD\*, Graham SM and Ballas ZK. "Efficacy of Prophylactic Antibiotics and Intravenous Immunoglobulin in Chronic Refractory Sinusitis". Presented at the Middle Section Meeting of the Triological Society in Oklahoma City, Oklahoma.  
\*Recipient of the Middle Section of the Triological Society Resident Travel Award, 2002.
- 2002 Thomas, RD Rhinology**  
Presentation: Graham SM, Thomas RD\*, Carter KD and Nerad JA. "The Transcaruncular Approach to the Medial Orbital Wall". Presented at the Western Section Meeting of the Triological Society in Pasadena, California.  
\*Recipient of the Western Section of the Triological Society Resident Travel Award, 2002.

Publication: Graham SM, Thomas RD, Carter KD and Nerad JA. “The Transcaruncular Approach to the Medial Orbital Wall”. Laryngoscope. 112:986-989, 2002.

**2002 Thomas, RD Rhinology**

Presentation: Thomas, RD, Graham SM, Carter KD and Nerad JA. “Management of the Orbital Floor in Silent Sinus Syndrome”. Presented at the American Rhinological Society Meeting, COSM in Boca Raton, Florida.

Publication: Thomas RD, Graham SM, Carter KD, Nerad JA. “Management of the Orbital Floor in Silent Sinus Syndrome.” American Journal of Rhinology. 17: 97-100, 2003.

**2002 Thomas, RD Rhinology**

Presentation: Thomas RD, Graham SM, and Ballas ZK. “Cell-Mediated Immune Dysfunction in Chronic Refractory Sinusitis”. Presented at the American Rhinologic Society Meeting, San Diego, California.

**Rhinology**

**2002** Presentation: **Graham SM**, Thomas, RD, Carter KD, and Nerad JA. “The Transcaruncular Approach to the Medial Orbital Wall”. Presented at the 86<sup>th</sup> Annual Meeting, Pacific Coast Oto-Ophthalmological Society, South Shore, Lake Tahoe, Nevada.

**2003 Brown, CL Rhinology**

Publication: Brown CL, Graham SM, Bauman N, Griffin M, Carter KD, and Nerad JA. “Pediatric Subperiosteal Abscess – Medical or Surgical Management?” Presented at the American Rhinologic Society Meeting, Nashville, Tennessee.

**2003 Brumund, K Rhinology**

Presentation: Brumund K, Graham SM, and McLennan G. “Influence of Ostium Size on Maxillary Sinus Ventilation in the Xenon Sheep Model.” Accepted for presentation at the American Academy of Otolaryngology – Head and Neck Surgery Annual Meeting, Orlando, Florida.

Publication: Brumund, K; Graham, S; Beck, K; Hoffman, E; McLennan, G. “The Effect of maxillary sinus anastomosis size on xenon ventilation in the sheep model” Otolaryngology Head and Neck Surg 2004; 131:528-33.

**2003 Paulson, E Rhinology**

Presentation: Paulson E and Graham SM. “Neurological Diagnosis in CT and Endoscopy Negative Facial Pain.” at the Middle Section Meeting of the Triological Society, Marco Island, Florida.

Publication: Paulson E and Graham SM. “Neurological Diagnosis in CT and Endoscopy Negative Facial Pain.” Laryngoscope 2004; 114(11):1992-1996

**2003 Brown, CL Rhinology**

Presentation: Graham SM, Brown CL, and Zabner J. “Xylitol Reduces Pseudomonas Sinusitis in the Rabbit Maxillary Sinus Model.” Presented presentation at the Western Section Meeting of the Triological Society, Scottsdale, Arizona.

Publication: Brown CL, Graham SM, Cable BB, Ozer EA, Taft PJ, and Zabner J. “Xylitol Reduces Pseudomonas Sinusitis in the Rabbit Maxillary Sinus Model.” Laryngoscope, 114(11);2021-2024, 2004

**2004 Chao, SS Rhinology**

Presentation: Chao SS, Graham SM, Brown CL, Kline JN, Hussain I. “Cyclooxygenase 1 Receptor Expression in Nasal Polyps. Presented at the American Rhinologic Society Spring Meeting, Scottsdale, AZ.

- 2004 Chao, SS Head and Neck**  
Presentation: Chao SS, Hoffman HT, Graham SM, “The Efficacy of Injection Laryngoplasty in Managing Unilateral Vocal Fold Paralysis.” Presented at the American Academy of Otolaryngology – Head and Neck Surgery Annual Meeting, New York, New York.
- 1996 Presentation:** Andrews BT, Graham SM, Ross AF, Barnhart W, Ferguson JS, McLennan G, “Safety and Utility of Awake Balloon Dilation Tracheoplasty for Laryngotracheal Stenosis. Presented at the American Brochoesophageal Society meeting, Chicago, IL.
- 1997 Publication:** Andrews BT, Graham SM, Ross AF, Barnhart W, Ferguson JS, McLennan G, “Safety and Utility of Awake Balloon Dilation Tracheoplasty for Laryngotracheal Stenosis, Laryngoscope, In Press.

### **Medical Student Research Projects Supervised**

- 1992 Maschka, D Head and Neck Oncology**  
Presentation: Maschka D, Graham SM, Hoffman HT and Bottles K. “Mucoepidermoid Carcinoma – A Three-Tiered Grading System?”. Presented at the Middle Section Meeting, Triological Society, Cleveland, Ohio.
- 1994 Korver, K Head and Neck Oncology**  
Presentation: Korver K, Graham SM, McCulloch T, Funk G and Hoffman HT. “Liver Function Studies in the Assessment of Head and Neck Cancer Patients”. Presented at the Middle Section Meeting, Triological Society, Rochester, Minnesota.  
Publication: Korver K, **Graham SM**, Hoffman H, McCulloch T and Funk G. “Liver Function Studies in the Assessment of Head and Neck Cancer Patients”. Head and Neck. 17(6):531-534, 1995.
- 1995 Lebeda, M Rhinology**  
Presentation: Lebeda M, Haller J, Hoffman H and Graham SM. “Evaluation of Maxillary Sinus Aspiration in Patients With Fever of Unknown Etiology”. Presented at the Eastern Section, The Triological Society, Ottawa, Ontario, Canada.  
Publication: Lebeda M, Haller J, Hoffman H and Graham SM. “Evaluation of Maxillary Sinus Aspiration in Patients With Fever of Unknown Etiology”. Laryngoscope. 105(7):683-685, 1995.
- 1997 Scott, S Head and Neck**  
Scott S, Graham SM, Funk G, Hoffman H, McCulloch T and Robinson R. “Perineural Invasion and Tumor Necrosis Are Histological Predicators of Poor Clinical Outcome in Acinic Cell Carcinoma”. Presented at the Middle Section, Triological Society, Kansas City, Missouri.
- 1998 Jepsen, M Rhinology**  
Jepsen MC and Graham SM. “Traumatic Myositis Ossificans of the Levator Scapulae Muscle”. American Journal of Otolaryngology. 19(5):345-348, 1998.
- 1999 Losh, G Head and Neck**  
Mathews M, Jia HP, Guthmiller JM, Losh G, Graham SM, Johnson GK, Tack BF and McCray Jr PB. “Production of  $\beta$ -Defensin Antimicrobial Peptides by Oral Mucosa and Salivary Glands”. Infection and Immunity. 67(6):2740-2745, 1999.

- 2000 Andrews, B Head and Neck**  
 Andrews B, McCulloch TM, Hoffman HT, Funk GF, Graham SM and Browning MM. “The Deltopectoral Flap: Contemporary Usage”. Presented at the 5<sup>th</sup> International Conference on Head and Neck Cancer in San Francisco, California.
- 2000 Jepsen, M Rhinology**  
Presentation: Jepsen M, Graham SM, Karp PH and Zabner J. “Effect of Topical Nasal Pharmaceuticals on Sodium and Chloride Transport by Human Airway Epithelia”. American Journal of Rhinology. 14:405-409, 2000.  
Publication: Jepsen M, **Graham SM**, Karp PH and Zabner J. “Effect of Topical Nasal Pharmaceuticals on Sodium and Chloride Transport by Human Airway Epithelia”. American Journal of Rhinology. 14:405-409, 2000.
- 2001 Harson, R Rhinology**  
 Harson RE, SuMin Y, Zabner J and Graham SM. “Interleukin 9 May Explain Goblet Cell Metaplasia and Mucus Hyper-Secretion Associated With Allergic Rhinitis”. Presented at the American Rhinologic Society Meeting at the Combined Otolaryngologists Spring Meetings (COSM) in Palm Springs, California.
- 2002 Andrews, B Head and Neck**  
 Andrews BT, McCulloch TM, Hoffman HT, Funk GF, Graham SM and Browning MM. “The Deltopectoral Flap Revisited in the Microvascular Era: A Single Institution 10 Year Experience”. Presented at the Middle Section Meeting of the Triological Society in Oklahoma City, Oklahoma.

C. Other Contributions to Institutional Programs

**Conferences, Grand Rounds, Journal Clubs, etc.**

1. Conferences
  - 1989 “Pectoralis Major Myocutaneous Flap”. Presented at the Iowa Head and Neck Course, University of Iowa, Iowa City, Iowa
  - 1989 “Neck Dissection”, “Laryngeal Cancer” and “Hypopharyngeal Cancer”. Presented at the Basic Science Course in Otolaryngology-Head and Neck Surgery, University of Iowa, Iowa City, Iowa
  - 1989 “Skin Grafts”. Presented at the Soft Tissue Course, American Academy of Facial Plastic and Reconstructive Surgery Course, University of Iowa, Iowa City, Iowa
  - 1989 – 1998 Faculty, Annual Basic Science Course in Otolaryngology-Head and Neck Surgery, University of Iowa, Iowa City, Iowa; four hours per year; approximately 40 registrants
  - 1990 “Endoscopic Sinus Surgery”. Presented at the Lecture Series, Department of Otolaryngology-Head and Neck Surgery, University of Iowa, Iowa City, Iowa
  - 1991 Functional Endoscopic Sinus Surgery Course, Course Co-Director, University of Iowa, Iowa City, Iowa
  - 1991 “Assessment of the Neck Mass” and “Myocutaneous Flaps in Head and Neck Reconstruction”. Presented at the Iowa Head and Neck Cancer and Reconstructive Surgery Course, University of Iowa, Iowa City, Iowa
  - 1991 “Cervical Lymphatics”, “Neck Dissection”, “Nasal Septal Reconstruction” and “Functional Endoscopic Sinus Surgery”. Presented at the Iowa Basic Science Course in Otolaryngology-Head and Neck Surgery, University of Iowa, Iowa City, Iowa

- 1991 – 1998 Assistant Director, Annual Head and Neck Cancer and Reconstructive Surgery Course, University of Iowa, Iowa City, Iowa; one week per year, approximately 60 registrants
- 1992 Faculty, Facial Plastic and Reconstructive Surgery Course, University of Iowa, Iowa City, Iowa
- 1992 “Indications for Functional Endoscopic Sinus Surgery”. Presented as an Invited Lecturer, Department of Allergy and Immunology, University of Iowa, Iowa City, Iowa
- 1992 “Indications for Functional Endoscopic Sinus Surgery” and “Complications Following Functional Endoscopic Sinus Surgery”. Presented as Course Director, Second Annual Iowa Course in Advanced Techniques for Endoscopic Sinus Surgery, University of Iowa, Iowa City, Iowa
- 1992 “Management of the Neck Mass – Unknown Primary”. Presented as Faculty, Twenty-Fifth Annual Iowa Head and Neck Cancer and Reconstructive Surgery Course, University of Iowa, Iowa City, Iowa
- 1992 – 1998 Director, Annual Endoscopic Sinus Surgery Course, University of Iowa, Iowa City, Iowa; two days per year, approximately 15 registrants
- 1994 “Complications of FESS”. Presented as Course Director, Iowa Advanced Concepts in Functional Endoscopic Sinus Surgery Course; May, 1993.
- 1995 “Bad Results in Sinus Surgery”. Presented as Instructional Course, Annual Meeting, American Academy of Otolaryngology-Head and Neck Surgery, San Diego, California; September, 1994; Kuhn F, Gussack G and **Graham SM**
- 1996 “Complications of Sinus Surgery” and “Orbital Reconstruction”. Presented as Director, Sixth Annual Advanced Concepts in Endoscopic Sinus Surgery Course, University of Iowa, Iowa City, Iowa; June, 1996
- 1996 “Facial Reanimation”, “Gene Therapy for Head and Neck Cancer” and “Orbital Decompression”. Presented as Co-Director, Iowa Head and Neck Cancer and Reconstructive Surgery Course, University of Iowa, Iowa City, Iowa; June, 1996
- 1997 “Complications of Endoscopic Sinus Surgery” and “Orbital Decompression”. Presented as Faculty and Co-Director, 7<sup>th</sup> Annual Course in Advanced Concepts in Endoscopic Sinus Surgery, University of Iowa, Iowa City, Iowa; April, 1997
- 1997 “Complications of Endoscopic Sinus Surgery”, “Facial Reanimation” and “Orbital Decompression”. Presented as Faculty Member, Iowa Basic Science Course in Otolaryngology-Head and Neck Surgery, University of Iowa, Iowa City, Iowa; August, 1997
- 1997 “Advanced Techniques in Endoscopic Sinus Surgery”. Presented as Instructional Course, 101<sup>st</sup> Meeting, American Academy of Otolaryngology-Head and Neck Surgery, San Francisco, California; September, 1997
- 1997 “Bad Results in Sinus Surgery”. Presented as Instructional Course, 101<sup>st</sup> Meeting, American Academy of Otolaryngology-Head and Neck Surgery, San Francisco, California; September, 1997; Kuhn FA and **Graham SM**
- 1998 “Facial Reanimation” and “Gene Therapy for Head and Neck Cancer”. Presented as Faculty Member, Iowa Head and Neck Cancer and Reconstructive Surgery Course, University of Iowa, Iowa City, Iowa
- 1998 “Orbital Decompression”, “Complications of Sinus Disease” and “Facial Reanimation”. Presented as Faculty Member, Iowa Basic Science Course in Otolaryngology-Head and Neck Surgery, University of Iowa, Iowa City, Iowa
- 1998 “Bad Results in Sinus Surgery”. Presented as Instructional Course, 102<sup>nd</sup> Annual Meeting, American Academy of Otolaryngology-Head and Neck Surgery, San Antonio, Texas; Kuhn FA, Citardi M and **Graham SM**
- 1998 “Advanced Techniques in Sinus Surgery”. Presented as Instructional Course, 102<sup>nd</sup> Annual Meeting, American Academy of Otolaryngology-Head and Neck Surgery, San Antonio, Texas; Sethi D and **Graham SM**

- 1998 “Advanced Techniques in Sinus Surgery”. Presented at 105<sup>th</sup> Annual Meeting, American Academy of Otolaryngology-Head and Neck Surgery, Denver, Colorado; Sethi DS and **Graham SM**.
- 1999 “Orbital Decompression” and “Complications of Sinus Surgery”. Presented as Co-Director and Faculty, 8<sup>th</sup> Annual Course, Advanced Concepts in Endoscopic Sinus Surgery, University of Iowa, Iowa City, Iowa
- 1999 “Gene Therapy for Head and Neck Cancer”. Presented as Faculty and Course Co-Assistant Director, Iowa Head and Neck Cancer and Reconstructive Surgery Course, University of Iowa, Iowa City, Iowa
- 1999 “G. S. Gussack Memorial Bad Results in Sinus Surgery”. Presented at 103<sup>rd</sup> Annual Meeting, American Academy of Otolaryngology-Head and Neck Surgery, New Orleans, Louisiana; Kuhn FA, **Graham SM** and Citardi M
- 1999 “Advanced Techniques in Sinus Surgery”. Presented at 103<sup>rd</sup> Annual Meeting, American Academy of Otolaryngology-Head and Neck Surgery, New Orleans, Louisiana; Sethi DS and **Graham SM**
- 2000 “Orbital Decompression” and “Complications of Sinus Surgery”. Presented as Co-Director and Faculty, 9<sup>th</sup> Annual Course, Advanced Concepts in Endoscopic Sinus Surgery, University of Iowa, Iowa City, Iowa
- 2000 “Gene Therapy for Head and Neck Cancer”. Presented as Faculty and Course Co-Assistant Director, Iowa Head and Neck Cancer and Reconstructive Surgery Course, University of Iowa, Iowa City, Iowa
- 2000 “G. S. Gussack Memorial Bad Results in Sinus Surgery”. Presented at 104<sup>th</sup> Annual Meeting, American Academy of Otolaryngology-Head and Neck Surgery, Washington, D.C.; Kuhn FA, **Graham SM** and Citardi M
- 2000 “Advanced Techniques in Sinus Surgery”. Presented at 104<sup>th</sup> Annual Meeting, American Academy of Otolaryngology-Head and Neck Surgery, Washington, D.C.; Sethi DS and **Graham SM**
- 2001 “G. S. Gussack Memorial Bad Results in Sinus Surgery”. Presented at 105<sup>th</sup> Annual Meeting, American Academy of Otolaryngology-Head and Neck Surgery, Denver, Colorado; Kuhn FA, **Graham SM** and Citardi M.
- 2001 “Paranasal Sinus Cancer: Case Presentations”. Presented at the Iowa Head and Neck Course, University of Iowa, Iowa City, Iowa.
- 2002 Director, Advanced Endoscopic Sinus Surgery Course. University of Iowa.
- 2002 Associate Director, Head and Neck Cancer Surgery and Reconstruction Course, University of Iowa.
- 2002 Faculty Member, Basic Science Course, University of Iowa.
- 2003 Director, Advanced Endoscopic Sinus Surgery Course. University of Iowa.
- 2003 Associate Director, Head and Neck Cancer Surgery and Reconstruction Course, University of Iowa.
- 2003 Faculty Member, Basic Science Course, University of Iowa.
- 2004 Director, Advanced Endoscopic Sinus Surgery Course. University of Iowa.
- 2004 Associate Director, Head and Neck Cancer Surgery and Reconstruction Course, University of Iowa.
- 2004 Faculty Member, Basic Science Course, University of Iowa.
- 2005 Director, Advanced Endoscopic Sinus Surgery Course. University of Iowa.
- 2005 Associate Director, Head and Neck Cancer Surgery and Reconstruction Course, University of Iowa.
- 2005 Faculty Member, Basic Science Course, University of Iowa.

## 2. Web Site

- 1997 – 1999 “Image Analysis of the Upper Airway – A Focus on Case Study”  
<http://everestradiology@uiowa.edu>

2001 “Sinus Surgery Gets User-Friendly”, by Jenette Restivo. Article on ABCNews.com website about new Stealth sinus surgery. November 20, 2001.

3. Journal Clubs

1990 Faculty, Resident Journal Club, University of Iowa, Iowa City, Iowa; one hour per month

1991 – 1994 Supervisor, Resident Journal Club, University of Iowa, Iowa City, Iowa; one hour per month

1994 – 1995 Faculty, Resident Journal Club, University of Iowa, Iowa City, Iowa; one hour per month

1996 – Supervisor, Resident Journal Club, University of Iowa, Iowa City, Iowa; one hour per month

4. Student Counseling

1989 – 1998 Supervisor, M3 Student Rotation, Department of Otolaryngology-Head and Neck Surgery, University of Iowa, Iowa City, Iowa; approximately four per year, approximately 10 hours per year

1989 – 2000 Counselor, M4 Student Rotation, Department of Otolaryngology-Head and Neck Surgery, University of Iowa, Iowa City, Iowa; approximately four per year, approximately 40 hours per year

1996 – Supervisor, M4 Student Rotation, Department of Otolaryngology-Head and Neck Surgery, University of Iowa, Iowa City, Iowa

5. Formal Study to Improve Teaching Abilities

2001 “Giving Effective Feedback to Learners”. University of Iowa College of Medicine, Faculty Development Workshop, Coralville, Iowa. CME Category 1 Physician’s Award of the AMA Credit Earned: 2.0 hours. (Sponsored by the Office of Consultation and Research in Medical Education and the Office of Statewide Clinical Education Programs)

6. Bibliography Concerning Teaching

Four Courses With the Highest Ratings, Annual Scientific Meeting, American Academy of Otolaryngology, Head and Neck Surgery

**Graham SM, Citardi M and Kuhn FA. “Bad Results in Endoscopic Sinus Surgery”. American Academy of OHNS Bulletin. 17;31, 1998.**

7. Other

Annual Corporate Funding for Annual Resident Cadaveric Endoscopic Sinus Surgery Dissection Course, average \$5,000, per year

D. Course Materials

N/A

**III. SCHOLARSHIP**

A. Publications or Creative Works

**Review Activities:**

Editorial Board, **American Journal of Otolaryngology** (W.B. Saunders Company, Philadelphia, Pennsylvania; P. Weber, Editor)

Journal Reviewer, **Acta Otolaryngologica**. (Taylor and Francis, London. Matti Anniko, Editor)

Journal Reviewer, **American Journal of Otolaryngology** (W.B. Saunders Company, Philadelphia, Pennsylvania; P. Weber, Editor)

Journal Reviewer, **American Journal of Rhinology** (OceanSide Publications, Inc., Providence, Rhode Island; D.W. Kennedy and P Fireman, Co-Editors-in-Chief)

Journal Reviewer, **Annals of Otolaryngology, Rhinology and Laryngology** (Annals Publishing Company, St. Louis, Missouri; B. F. McCabe, Editor)

Journal Reviewer, **Clinical Anatomy** (Wiley-Liss Inc., Hoboken, NJ; Stephen W. Carmichael, Editor)

Journal Reviewer, **Head and Neck** (John Wiley & Sons, Inc., New York, New York; R. S. Weber, Editor)

Journal Reviewer, **Human Gene Therapy** (Mary Ann Liebert, Inc., Los Angeles, California; W. French Anderson, Editor-in-Chief)

Journal Reviewer, **The Journal of Respiratory Diseases** (Cliggott Publishing, Greenwich, Connecticut; C. R. Borders, Editor)

Journal Reviewer, **Laryngoscope** (Lippincott Williams & Wilkins, Hagerstown, Maryland; R. J. Bailey, Editor)

Journal Reviewer, **Otolaryngology – Head & Neck Surgery** (Mosby, Inc., St. Louis, Missouri; M. S. Benninger, Editor)

Book Reviewer, **Annals of Otolaryngology, Rhinology and Laryngology** (Annals Publishing Company, St. Louis, Missouri; B. F. McCabe, Editor)

**Papers Published:**

Gartlan MG and **Graham SM**. “Basaloid Squamous Carcinoma” Archives of Otolaryngology-Head and Neck Surgery. Vol. 118:998-1001, 1992.

Zabner J, Couture L, Gregory R, **Graham SM**, Smith A and Welsh M. “Adenovirus-Mediated Gene Transfer Transiently Corrects the Chloride Transport Defect in Nasal Epithelia of Patients With Cystic Fibrosis”. Cell. Vol. 75:1-20, October 22, 1993.

Zabner J, Petersen D, Puga A, **Graham SM** and Welsh M. “Safety and Efficacy of Repetitive Adenovirus-Mediated Transfer of CFTR cDNA to Airway Epithelia of Primates and Cotton Rats”. Nature Genetics. 6:75-83, 1994.

Welsh M, Zabner J, Rich D, **Graham SM**, Gregory R, Pratt B and Moscicki R. "Clinical Protocol: Cystic Fibrosis Gene Therapy Using an Adenovirus Vector: *In Vivo* Safety and Efficacy in Nasal Epithelium". *Human Gene Therapy*. 5:209-19, 1994.

Laurenzo JF and **Graham SM**. "Tumefactive Fibroinflammatory Lesion of the Head and Neck: A Management Strategy". *Ear, Nose and Throat Journal*. 74(2):87-94, 1995.

Welsh M, Zabner J, **Graham SM**, Smith A, Moscicki R and Wadsworth S. "Adenovirus-Mediated Gene Transfer for Cystic Fibrosis: Part A. Safety of Dose and Repeat Administration in the Nasal Epithelium; Part B. Clinical Efficacy in the Maxillary Sinus". *Human Gene Therapy*. 6:205-218, 1995.

**Graham SM**, Gross CW and Manning SC. "Management of Inverted Papilloma". *Head and Neck*. 17(2):148-152, 1995.

\*Lebeda M, Haller J, Hoffman H and **Graham SM**. "Evaluation of Maxillary Sinus Aspiration in Patients With Fever of Unknown Etiology". *Laryngoscope*. 105(7):683-685, 1995.

Reported in Rhinology and Allergic Disorders: Home Study Course, Section 5, 1998, Birdsall HH, Hashisaki GT, Fazekas-May M, Goins III MA, Harley EH and Jones KR (Eds.). American Academy of Otolaryngology-Head and Neck Surgery Foundation, Inc., Alexandria, Virginia; Pages 53-55.

\*Korver K, **Graham SM**, Hoffman H, McCulloch T and Funk G. "Liver Function Studies in the Assessment of Head and Neck Cancer Patients". *Head and Neck*. 17(6):531-534, 1995.

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Kambhu S, Clamon G, Doornbos F, Dreicer R, Funk G, **Graham SM**, Hoffman H, Hussey D, Johnston R, Karwal M, Mayr N, McCulloch T and Riggs C. "Phase II Trial of Taxol and Cisplatin in Advanced Squamous Cell Carcinoma of the Head and Neck". *Proceedings of ASCO*. 15:322, 1996.

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Carpenter KM, **Graham SM**, and Smith RJH. “Facial Skeletal Growth After Endoscopic Sinus Surgery in the Piglet Model”. *American Journal of Rhinology*. 11:211-217, 1997.

Reported in *Rhinology and Nasal Allergy Year Book, Volume II, 1998*, Kennedy DW (Ed.). Oceanside Publications, Inc., Providence, Rhode Island, Page 284.

Brown M, McCulloch T, Funk G, **Graham SM**, and Hoffman H. “Resource Utilization and Patient Morbidity in Head and Neck Reconstruction”. *Laryngoscope*. 107:1028-1031, 1997.

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**Graham SM** and Carter KD. "Combined-Approach Orbital Decompression for Thyroid-Related Orbitopathy". *Clinical Otolaryngology*. 24(2):109-113, 1999.

**Graham SM**, McCulloch TM, Funk GF and Hoffman HT. "Recurrent Benign Parotid Tumors: The Lesson Not Learned Yet": A Comment. *Australian and New Zealand Journal of Surgery*. 69(7):531, 1999.

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Mathews M, Jia HP, Guthmiller JM, Losh G, **Graham SM**, Johnson GK, Tack BF and McCray Jr PB. "Production of  $\beta$ -Defensin Antimicrobial Peptides by Oral Mucosa and Salivary Glands". *Infection and Immunity*. 67(6):2740-2745, 1999.

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**Graham SM**, McLennan G, Funk GF, Hoffman HT, McCulloch TM, Cook-Granroth J and Hoffman EA. “Preoperative Assessment of Obstruction with Computed Tomography Image Analysis”. *American Journal of Otolaryngology*. 21(4):263-270, 2000.

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\*Jepsen M, **Graham SM**, Karp PH and Zabner J. “Effect of Topical Nasal Pharmaceuticals on Sodium and Chloride Transport by Human Airway Epithelia”. *American Journal of Rhinology*. 14:405-409, 2000.

Chee L, **Graham SM**, Carothers DG and Ballas ZK. “Immune Dysfunction in Refractory Sinusitis in a Tertiary Setting”. *Laryngoscope*. 111:233-235, 2001.

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Yi SMP, Lee JH, **Graham SM**, Zabner J and Welsh MJ. “Adenovirus Calcium Phosphate Coprecipitates Enhance Squamous Cell Carcinoma Gene Transfer”. *Laryngoscope*. 111:1290-1296, 2001.

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Dutton JM, **Graham SM** and Hoffman HT. “Metastatic Cancer to the Floor-of-Mouth: the Lingual Lymph Nodes”. *Head and Neck*. 24(4):401-405, 2002.

**Graham SM**, Thomas RD, Carter KD and Nerad JA. “The Transcaruncular Approach to the Medial Orbital Wall”. *Laryngoscope*. 112:986-989, 2002.

**Graham SM**, Scott SN, Launspach JL and Zabner J. “The Effects of Fluticasone Propionate on Nasal Epithelial Potential Difference”. *American Journal of Rhinology*. 16:145-149, 2002.

McCulloch TM, Andrews BT, Hoffman HT, **Graham SM**, Karnell MP, and Minnick C. “Long-term Follow-up of Fat Injection Laryngoplasty for Unilateral Vocal Cord Paralysis”. *Laryngoscope*. 112:1235-1238, 2002.

Heth JA, Funk GF, Karnell LH, McCulloch TM, Traynelis VC, Nerad JA, Smith RB, **Graham SM**, Hoffman HT. “Free Tissue Transfer and Local Flap Complications in Anterior and Anterolateral Skull Base Surgery.” *Head & Neck*. 24:901-912, 2002.

**Graham SM** and Carter KD. “Major complications of endoscopic sinus surgery: a comment.” *British Journal of Ophthalmology*. 87:374, 2003.

Dutton JM, **Graham SM** and Hoffman HT. “Metastatic Cancer to the to Floor-of-Mouth: the Lingual Lymph Nodes: Reply”. *Head & Neck*. 25:341-2, 2003.

**Graham SM** and Nerad JA. “Orbital Complications in Endoscopic Sinus Surgery Using Powered Instrumentation.” *Laryngoscope*. 113(5):874-878, 2003.

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Thomas RD, **Graham SM**, Carter KD, Nerad JA. “Management of the Orbital Floor in Silent Sinus Syndrome.” *American Journal of Rhinology*. 17: 97-100, 2003.

**Graham SM**, Brown CL, Carter KD, Nerad JA. “Medial and Lateral Orbital Wall Surgery for Balanced Decompression in Thyroid Eye Disease.” *Laryngoscope*. 113:1206-1209, 2003.

Brown CL and **Graham SM**. “Nasal Irrigations: Good or Bad?” *Current Opinion in Otolaryngology Head and Neck Surgery*. 12:9-13, 2004.

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Chao SS, **Graham SM**, Hoffman HT. “Management of pharyngoesophageal spasm with Botox.” *Otolaryngologic Clinics of North America*. 37(3):559-566, 2004.

Yao M, Buatti J, Graham M, Smith RB, Funk GF, **Graham SM**, Dornfeld K, Menda Y. “The role of post-RT FDG PET in prediction of necessity for post-RT neck dissection in locally advanced head and neck squamous cell carcinoma.” *International Journal of Radiation Oncology, Biology, and Physics*. 59(4):1001-1010, 2004.

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Paulson EP, **Graham SM**. “Neurologic Diagnosis and Treatment in Patients with CAT Scan and Nasal Endoscopy Negative Facial Pain.” *Laryngoscope*. 114(11):1992-1996, 2004

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**Graham SM**, Carter KD, “Response of Visual Loss in Allergic Fungal Sinusitis to Oral Steroids.” *Annals of Otolaryngology Rhinology & Laryngology*. 114(3): 247-249, 2005

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Kuhn FA, Citardi M and **Graham SM**. “Bad Results in Endoscopic Sinus Surgery”. **Bulletin of the American Academy of Otolaryngology-Head and Neck Surgery**. 17(4):144, 1998.

Goebel E, Davidson B, **Graham SM** and Kern J. “Adenovirus-Mediated Transfer of LacZ into Head and Neck Squamous Cell Carcinomas”. **Proceedings of the American Association for Cancer Research**. (In press.)

**Graham SM**, Hoffman HT, Karnell MP, Bayerl M, McCulloch TM and Funk GF. “Laryngeal Fat Injection for Glottic Incompetence: A Clinical Evaluation and Histopathologic Assessment”. **Digest of the Eighth Annual Pacific Voice Conference, Clinical Solutions to Surgically and Therapeutically Challenging Dysphonias (San Francisco, California)**. Singular Publishing Group, Inc., San Diego, California. 1995; p. 28.

Kuhn FA, **Graham SM** and Citardi MJ. “G. S. Gussack Memorial Bad Results in Endoscopic Sinus Surgery”. **Bulletin of the American Academy of Otolaryngology-Head and Neck Surgery**. 1999;18(4):80.

Sethi DS and **Graham SM**. “Advanced Endoscopic Sinus Surgery Techniques”. **Bulletin of the American Academy of Otolaryngology-Head and Neck Surgery**. 1999;18(4):160.

**Graham SM**. “How to Optimize Screening for Second Primaries, Recurrence and Metastases”. **The Journal of Laryngology & Otology**. 1999;113(23):38-39.

McCulloch TM, Holcomb JD, Hoffman HT, **Graham SM** and Browning M. “Endoscopic-Guided Percutaneous Dilatational Tracheostomy Versus Operative Bedside Tracheostomy: A Prospective, Randomized Comparison”. **The Journal of Laryngology & Otology**. 1999;113(23):47.

**Graham SM**, Goebel EA, Toole AJ and Lee JH. “Overview of Gene Therapy for Head and Neck Squamous Cell Carcinoma”. **The Australian and New Zealand Journal of Surgery**. Volume 70, Supplement, A84, 2000.

Kuhn FA, **Graham SM** and Citardi MJ. “G. S. Gussack Memorial Bad Results in Endoscopic Sinus Surgery”. **Bulletin of the American Academy of Otolaryngology-Head and Neck Surgery**. 2000;19(4):92.

Sethi DS and **Graham SM**. “Advanced Endoscopic Sinus Surgery Techniques”. **Bulletin of the American Academy of Otolaryngology-Head and Neck Surgery**. 2000;19(4):93.

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Sethi DS and **Graham SM**. “Advanced Endoscopic Sinus Surgery Techniques”. **Bulletin of the American Academy of Otolaryngology-Head and Neck Surgery**. 2001;20(4):113.

Sethi DS, **Graham SM** and Stamm AC. “Advanced Endoscopic Sinus Surgery Techniques”. **Bulletin of the American Academy of Otolaryngology-Head and Neck Surgery**. 2002;21(4):129.

Citardi MG, **Graham SM** and Kuhn FA. “G. S. Gussack Memorial: Avoiding Bad Results in Endoscopic Sinus Surgery”. **Bulletin of the American Academy of Otolaryngology-Head and Neck Surgery**. 2002;21(4):143.

**Graham SM**, McGuirt WT, Funk GF, McCulloch TM, Hoffman HT and Nerad JA. “Orbital Management and Reconstruction in Paranasal Sinus Malignancy”. **ANZ Journal of Surgery**. 2002;72:A41.

Sethi DS, **Graham SM**, and Stamm AC. “Advanced Endoscopic Sinus Surgery Techniques”. **Bulletin of the American Academy of Otolaryngology-Head and Neck Surgery**. 2003;22(4):84.

Citardi MJ, **Graham SM**, and Kuhn FA. “GS Gussak Memorial: Avoiding Bad Results in Endoscopic Sinus Surgery.” **Bulletin of the American Academy of Otolaryngology-Head and Neck Surgery**. 2003;22(4):126.

Sethi DS, **Graham SM**, Jones NS, Stamm AC. “Situations and Solutions in Endoscopic Sinus Surgery.” **Otolaryngology – Head and Neck Surgery**. 2004;131(2):P97.

Chao SS, **Graham SM**, Karnell L, Jay AP, and Hoffman HT. “The Efficacy of Injection Laryngoplasty in Managing Unilateral Vocal Fold Paralysis.” **Otolaryngology – Head and Neck Surgery**. 2004;131(2):P213.

Duncavage JA, Ferguson BJ, Martinez SA, **Graham SM**, Stewart MG, and Casiano RR. “Medical Devices and Drugs Committee: Powered Instrumentation and ESS Complications.” **Otolaryngology – Head and Neck Surgery**. 2004;131(2):P140.

Citardi MJ, **Graham SM**, Kuhn FA. “G.S. Gussak Memorial: Avoiding Bad Results In Endoscopic Sinus Surgery.” **Bulletin of the American Academy of Otolaryngology-Head and Neck Surgery**. 2004; 23(4) 82.

Sethi DS, **Graham SM**, and Stamm AC. “Advanced Endoscopic Sinus Surgery Techniques”. **Bulletin of the American Academy of Otolaryngology-Head and Neck Surgery**. 2004; 23(4) 102.

Sethi DS, **Graham SM**, Wormald PJ. “Situations and Solutions in Endoscopic Sinus Surgery.” **Bulletin of the American Academy of Otolaryngology – Head and Neck Surgery**. 2005: 133 (2): 56.

Haydon RC, Hurst DS, **Graham SM**, Marple BF. “Immunologic Considerations in Chronic Sinusitis, Allergic Fungal Sinusitis, or Otitis Media.” **Bulletin of the American Academy of Otolaryngology – Head and Neck Surgery**. 2005: 133 (2): 166.

Andrews BR, Van Daele DJ, McCulloch TM, Karnell MP, **Graham SM**, Hoffman HT. “Revision Thyroplasty: Open vs. Injection Medialization.” **Otolaryngology – Head and Neck Surgery**. 2006; 135 (2): 195.

**Reviews:**

**Graham SM**. Review of McCaffrey TV. “Rhinologic Diagnosis and Treatment”. **Thieme**, New York, New York (1997). In **Annals of Otolaryngology, Rhinology and Laryngology**. (In press.)

**Other Special Presentations:**

1. International Presentations by Invitation

“Arytenoid Adduction for Rehabilitation Following Vagal Compromise”. Presented at the Annual Scientific Congress, The Royal Australasian College of Surgeons, Adelaide, Australia. May, 1993.

“Facial Reanimation”. Presented as Visiting Professor, The Royal Adelaide Hospital, Adelaide, Australia. 1993.

“Contemporary Evaluation and Treatment of the Paralyzed Vocal Cord”. Presented at XXIV<sup>th</sup> Pan American Congress, Otorhinolaryngology-Head and Neck Surgery, Margarita Island, Venezuela. November, 1994.

“Phonosurgery”. Presented to Department of Otolaryngology-Head and Neck Surgery, University of Glasgow, Glasgow, Scotland. November, 1994.

“Treatment of Cystic Fibrosis” and “Orbital Decompression” and Moderator, Free Paper Session, Third International Symposium on Endoscopic Sinus Surgery, Cairns, Australia. 1995.

“Laryngeal Fat Injection for Glottic Incompetence: A Clinical Evaluation and Histopathologic Assessment”. Presented at Pacific Voice Conference, San Francisco, California. September, 1995.

“Complications of Sinus Surgery” and “Contemporary Management of the Paralyzed Vocal Cord”. Presented at University of Newcastle, England. January, 1996.

“Contemporary Management of the Paralyzed Vocal Cord”. Presented at University of Dundee, Dundee, Scotland. January, 1996.

“Bacteriology of Sinusitis”, “Endoscopic Diagnosis of Sinusitis”, “Basic Endoscopic Techniques and Instrumentation”, “Pre- and Postoperative Care”, “Fungal Sinusitis”, “Endoscopic Dacryocystorhinostomy”, “Orbital Decompression” and “Endoscopic Management of Orbital Complications” as well as cadaveric dissection and live surgery. Presented at Singapore General Hospital, Republic of Singapore. September, 1996.

“Facial Reanimation”. Presented at University of Newcastle, Newcastle-Upon-Tyne, United Kingdom. 1997.

“Gene Therapy for Cystic Fibrosis”. Presented at Plenary Session, Molecular Advances in Managing Otolaryngologic Disease, XVI<sup>th</sup> World Congress of Otorhinolaryngology-Head and Neck Surgery, Sydney, Australia. March, 1997.

“Cystic Fibrosis and Nasal Disease – An Update”. Presented as Panel Member, Cottle International Rhinology Centennial, Philadelphia, Pennsylvania. June, 1997.

“Gene Therapy for Sinusitis in Cystic Fibrosis: Does It Work?”. Presented at Plenary Session, Cottle International Rhinology Centennial, Philadelphia, Pennsylvania. June, 1997.

“Facial Growth After Pediatric Endoscopic Sinus Surgery”. Presented as Panel Member, Cottle International Rhinology Centennial, Philadelphia, Pennsylvania. June, 1997.

“Nasal Polyposis/Cystic Fibrosis”. Presented as Moderator, Free Paper Session, Cottle International Rhinology Centennial, Philadelphia, Pennsylvania. June, 1997.

“Endoscopic Sinus Surgery”. Presented as International Professor, Federation of Otolaryngology Societies of Mexico, Irapuato, GTO, Mexico. April, 1997. Topics included: “Preoperative Evaluation”, “Surgery of the Anterior Ethmoids and Frontal Sinus”, “Revision Surgery for Nasal Polyposis”, “Personal Technique of Posterior Ethmoid and Sphenoid Surgery”, “Management of CSF Leaks” and “Demonstration Dissection”.

“Open Rhinoplasty”, “Brow Lift”, “The Safe Facelift”, “Laser Resurfacing” and “Facial Reanimation”, with Demonstration Dissection and Facelift Techniques. Presented at The Gold Coast, Australian Academy of Facial Plastic Surgery, Queensland, Australia. July, 1997.

“Contemporary Management of the Paralyzed Vocal Cord”. Presented as Visiting Professor, The University of Adelaide, Adelaide, Australia. October, 1997.

“Complications of Sinus Surgery”. Visiting Professor, Department of Otolaryngology-Head and Neck Surgery, University of Dundee, Dundee, Scotland. 1998.

“Sinus Disease and Cystic Fibrosis”. Visiting Professor, University of Queensland, Brisbane, Australia. February, 1998.

“Medialization Laryngoplasty”, “Sequential Antral Aminoglycoside Lavage for Cystic Fibrosis Sinus Disease” and “Paranasal Sinus Panel”. Smith and Nephew International Speaker. Australian Academy of Otolaryngology-Head and Neck Surgery, Scientific Meeting, Daydream Island, Australia. 1998.

“Endoscopic Sinus Surgery Course”. International Professor, Federation of Mexican Otolaryngologic Societies, Guadalajara, Mexico. September, 1998.

“Functional Endoscopic Sinus Surgery Symposium”. International Speaker, Melbourne, Australia. November, 1998.

“Phonosurgery Symposium”. International Faculty, University of Dundee, Dundee, Scotland. 1998.

“Fourth Annual Course in Advanced Endoscopic Sinus Surgery”. International Faculty, National University of Singapore, Republic of Singapore. 1998.

“New Concepts in Sinus Disease”. Pacific Coast Otolaryngology Society, Victoria, British Columbia, Canada. 1999.

International Faculty, X<sup>th</sup> British Academic Conference in Otolaryngology, Cambridge University, Cambridge, England. 1999.

“Orbital Decompression”. Pacific Coast Otolaryngology Society, Cabo San Lucas, Mexico. 2000.

“Overview of Gene Therapy for Head and Neck Squamous Cell Carcinoma”. Presented by **Graham SM**, Goebel EA, Toole AJ and Lee JH at The Royal Australasian College of Surgeons Annual Scientific Congress in Melbourne, Australia, May 2000.

“Parotid Surgery Panel”. Convenor, Australian Society of Otolaryngology-Head and Neck Surgery in Adelaide Australia. March 2001.

“Head and Neck Surgery Free Paper Session”. Moderator, Australian Society of Otolaryngology-Head and Neck Surgery in Adelaide, Australia. March 2001.

“Immune Dysfunction in Refractory Sinusitis”. To be Presented by Invitation, International Rhinologic Society Committee, International Federation of Otolaryngologic Societies, Scientific Meeting in Cairo, Egypt. October 2001. (Meeting postponed.)

“Complications of Sinus Surgery”, “Immune Dysfunction”, and “Orbital Decompression”. Visiting International Faculty, Singapore General Hospital Sinus Surgery Symposium in Singapore. March 2002.

“Orbital Preservation in Paranasal Sinus Cancer”. Presented by Invitation, Royal Australasian College of Surgeons in Adelaide, Australia. May 2002.

Free Paper Session Moderator. By Invitation, Royal Australasian College of Surgeons in Adelaide, Australia. May 2002.

“Controversies in Head and Neck Cancer.” and “Contemporary Management of the Paralyzed Vocal Cord.” International Guest Faculty, XI British Academy Conference in Otolaryngology, Birmingham, England. July 2003.

“Complications of Sinus Surgery,” “Orbital Decompression,” “How Open Should the Maxillary Antrostomy Be?” “Immune Dysfunction in Refractory Sinusitis,” International Professor, Singapore General Hospital. 2004.

“Bad Results in Sinus Surgery,” “Trends in Surgical for Thyroid-related Eye Disease,” “Immune Dysfunction in Refractory Sinusitis,” Featured guest speaker, Australian Society of Otolaryngology – Head and Neck Surgery Annual Scientific Meeting, Sydney, Australia. March 2004.

Moderator, American Rhinologic Society Panel; “Refractory Sinusitis,” International Rhinologic Society Meeting, Sydney, Australia. October 2005.

“Complications of Powered Instrumentation,” International Society for Infection and Allergy in the Nose, Sao Paulo, Brazil. April 2005.

Moderator, Free Paper Section, International Society for Infection and Allergy in the Nose, Sao Paulo, Brazil. April 2005.

Visiting Professor, Singapore General Hospital, Singapore. July 2005.

International Rhinologic Society, “Situations and Solutions in Endoscopic Sinus Surgery,” Sydney, Australia. October 2005.

Visiting Professor, University of Cairo, Cairo, Egypt. March 2006.

“Fungal Sinusitis” and “Contemporary Imaging in Sinus Disease,” International Guest Faculty, XII British Academic Conference in Otolaryngology, Birmingham England. July 2006.

Visiting International Guest Faculty, New Zealand Society of Otolaryngology Head and Neck Surgery. Timaru, New Zealand. November 2006.

“Technology and Complications of Sinus Surgery,” International Rhinologic Society Meeting, Sydney, Australia. October, 2005.

Visiting Professor, Triservice Hospital, Taipei, Taiwan. 2006.

Visiting Professor, Singapore General Hospital, Republic of Singapore, 2007.

Presidential Lecture – Section of Laryngology and Rhinology, Royal Society of Medicine/Journal of Laryngology and Otology, Visiting Professorship, London, England, Nottingham, England, Glasgow, Scotland, Dublin, Ireland, 2008.

Visiting Professor, Kuwait Department of Health, Kuwait, 2008.

Visiting Professor, Riyadh Military, Hospital, Riyadh, Saudi Arabia, 2008.

Visiting Professor, Department of Otolaryngology, University of Minia, Minia, Egypt, 2008.

Guest Speaker, British Academic Conference in Otolaryngology, Cardiff, Wales, 2009.

## 2. Presentations by Invitation

“Head and Neck Cancer”. Presented as Visiting Professor, Schoitz Hospital, Waterloo, Iowa. 1990.

“Neck Dissection”. Presented as Visiting Professor, Department of Otolaryngology-Head and Neck Surgery, United States Air Force, Wilford Hall, San Antonio, Texas. 1990.

“Complications After Functional Endoscopic Sinus Surgery”. Presented as Faculty, Advanced Endoscopic Sinus Surgery, Medical College of Georgia, Augusta, Georgia. 1991.

“Management of the Paralyzed Vocal Cord”. Presented as Visiting Professor, The Medical College of Georgia, Augusta, Georgia. 1992.

“Management of the Paralyzed Vocal Cord”. Presented as Visiting Professor, Department of Surgery, Veterans’ Administration Hospital, Des Moines, Iowa. 1992.

“Endoscopic Sinus Surgery”. Presented by Invitation, Hilding Memorial Lecture, University of Minnesota, Duluth, Minnesota. July 1992.

“Complications of Functional Endoscopic Sinus Surgery” and “What to Do With Surgical Failures”. Presented at Advanced Concepts in Endoscopic Sinus Surgery Course, The Medical College of Georgia, Augusta, Georgia. September 1993.

“Functional Endoscopic Sinus Surgery”. Presented by Invitation, Division of Allergy and Immunology, Department of Internal Medicine, University of Iowa Hospitals and Clinics, Iowa City, Iowa. February 1994.

“Complications of Functional Endoscopic Sinus Surgery” and “Medical Aspects of Sinusitis in Children”. Presented by Invitation as Faculty, Advanced Functional Endoscopic Sinus Surgery Course, The Medical College of Georgia, Augusta, Georgia. February 1994.

“Endoscopic Surgical Treatment of Sinusitis and Rhinitis”. Presented by Invitation, Current Topics in Clinical and Pulmonary Immunology Course, Division of Allergy and Immunology, Department of Internal Medicine, University of Iowa College of Medicine, Iowa City, Iowa. September 1994.

“Facial Reanimation”. Presented by Invitation, Charlotte Society of Otolaryngology-Head and Neck Surgery Meeting, Charlotte, North Carolina. October 1994.

“Fungal Sinusitis” and “Complications of Sinus Surgery”. Presented as Visiting Professor, Harvard University, New England Otolaryngological Society Meeting, Boston, Massachusetts. December 1994.

“Contemporary Issues and Research Prospectives in Paranasal Sinus Disease”. Presented by Invitation, Visiting Professor, Gunderson Clinic, LaCrosse, Wisconsin. March 1995.

“Orbital Decompression for Graves’ Disease”. Presented by Invitation, Pacific Coast Otolaryngology Society, Maui, Hawaii. June 1995.

“Paranasal Sinus Disease”. Presented as Visiting Professor, Lutheran Hospital, Des Moines, Iowa. November, 1995.

“Paranasal Sinus Disease”. Presented as Visiting Professor, Pennington Biomedical Research Center, Louisiana State University, Baton Rouge, Louisiana. 1998.

“Parotid Neoplasms”. Presented as Panel Member (by Invitation), Pacific Coast Otolaryngologic Society, Kauai, Hawaii. 1998.

“Difficult Concepts in Sinus Disease”. Presented as Panel Member (by Invitation), Middle Section, The Triological Society, Milwaukee, Wisconsin. 1999.

Jepsen M, **Graham SM**, Karp PH and Zabner J. “Effect of Topical Nasal Pharmaceuticals on Sodium and Chloride Transport by Human Airway Epithelia”. Recipient of 1998 Maurice H. Cottle Award. Presented by Invitation, American Rhinologic Society Meeting, Palm Springs, California. 1999.

“Extratemporal Injury of the Facial Nerve: Pitfalls and Avoidance”. Presented by Invitation, Cherry Blossom Conference, American Academy of Otolaryngology-Head and Neck Surgery, Washington, D.C. March 1999.

“Paranasal Sinus Disease”. Presented by Invitation, Cedar Rapids Family Practice and Emergency Medicine Group, Hunters’ Ridge, Marion, Iowa. July 2000.

“Paranasal Sinus Disease”. Presented by Invitation, Society of Head and Neck Nursing Annual Meeting, University of Iowa, Iowa City, Iowa. October 2000.

“Does Gastroesophageal Reflux Cause Sinus Disease?” Presented by Invitation, American College of Surgeons Meeting, Chicago, Illinois. October 2000.

“Does Gastroesophageal Reflux Cause Sinus Disease?” Presented by Invitation, Dysphagia Research Society, Savannah, Georgia. October 2000.

“How Open Should the Maxillary Sinus Be?” Presented by Invitation, Panel Member, Middle Section Meeting of the Triological Society, Chicago, Illinois. January 2001.

“Sinus Diseases”. Presented by Invitation at the 6<sup>th</sup> Annual Otorhinolaryngology Update in Iowa City, Iowa. April 2001.

“Head and Neck Cancer Session”. Moderator by Invitation, PCOOS Annual Meeting, Maui, Hawaii. June 2001.

“Orbital Injury After Sinus Surgery, Using Powered Instrumentation”. Presented by Invitation, PCOOS Annual Meeting, Maui, Hawaii. June 2001.

“Catastrophes in Sinus Surgery”. Panelist by Invitation, PCOOS Annual Meeting, Maui, Hawaii. June 2001.

“Paranasal Sinus Disease”. Visiting Professor, Grand Rounds, Mason City Hospital, Mason City, Iowa. November 2001.

Moderator, Paranasal Sinus Section. Meeting of the Middle Section of the Triological Society, Oklahoma City, Oklahoma. January 2002.

“Surgical Treatment of Thyroid Eye Disease”. Multidisciplinary Course on the Contemporary Management of Head and Neck Tumors. Mount Sinai School of Medicine/University of Iowa, New York, New York. March 2002.

“Situations and Solutions in Endoscopic Sinus Surgery.” Mini-seminar: American Academy of Otolaryngology-Head and Neck Surgery 2002 Annual Meeting, San Diego, California. September 2002.

Moderator, “Future Trends in the Management of Dysphagia” Panel discussion, Dysphagia Research Society Meeting, Miami, Florida. October 2002.

“Complications in Endoscopic Sinus Surgery.” And “Immunodeficiency in Refractory Sinusitis.” Kansas City Society of Ophthalmology and Otolaryngology, Kansas City, Missouri. January 2003.

Guest Faculty, Advanced Functional Endoscopic Sinus Surgery Course, Georgia Nasal & Sinus Institute, Savannah, Georgia. 2003.

“Paranasal Sinus Disease.” The Iowa Academy of Family Practice, Cedar Rapids, Iowa. April 2003.

Moderator, “Pathophysiology of Disease.” Free paper session, American Rhinologic Society Meeting, Nashville, Tennessee. May 2003.

Panelist, “Difficult Sinus Surgery Scenarios.” Pacific Coast Otolaryngology and Ophthalmology Society, San Diego, California. June 2003.

“Current Concepts in Sinusitis.” Center for Healthcare Education, St. Louis, Missouri. June 2003.

Family Practice Roundtable on Sinus Disease, Covenant Hospital, Waterloo, Iowa. August 2003.

“Paranasal Sinus Disease.” Tri-County Medical Society Meeting, Minnesota. October 2003.

“Powered Instrumentation and ESS Complications,” Miniseminar, Medical Devices and Drugs Committee, American Academy of Otolaryngology – Head and Neck Surgery. Duncavage JA, Ferguson BJ, Martinez SA, **Graham SM**, Stewart MG, and Casiano RR. Annual Meeting American Academy of Otolaryngology – Head and Neck Surgery, New York, New York. September 2004.

“Rational Treatment of Community Respiratory Disease, College of Physicians and Dentists of New Jersey, Milwaukee, Wisconsin. April 2005.

“Immune Deficiency in Refractory Sinusitis,” Miniseminar Immunology Subcommittee, ASOHNS, Los Angeles, California. September 2005.

Guest speaker, Montana State Society of Otolaryngology Head and Neck Surgery, Big Sky, Montana. March 2006.

Guest speaker, Iowa Academy of Otolaryngology Head and Neck Surgery, Des Moines, Iowa. April 2006.

Faculty, Pacific Rim Otolaryngology – Head and Neck Surgery Update, University of CA, San Francisco, Honolulu, HI, 2008.

Faculty, Summer Otolaryngology Update, University of Wisconsin, Madison, Beaver Creek, CO, 2008.

Guest Speaker, Iowa Academy of Otolaryngology -- Head and Neck Surgery, Des Moines, IA, 2008.

### 3. Presentations

**Graham SM.** “A Study of Efficiency and Resource Utilization in the Casualty Department of The Royal Adelaide Hospital”. 1982.

**Graham SM.** “A Ten-Year Review of Hypopharyngeal Carcinoma in The Royal Adelaide Hospital”. Presented at the Scientific Meeting of the S. A. Branch of the Royal Australasian College of Surgeons. 1984.

**Graham SM.** “Laryngeal Carcinoma at The Royal Adelaide Hospital in the Last Ten Years”. Presented at the Scientific Meeting of the S. A. Branch of the Royal Australasian College of Surgeons. 1984.

**Graham SM.** “Recurrent Meningitis and the Mondini Type Dysplasia of the Temporal Bone”. Presented at the Scientific Meeting of the O. L. S. A. in Sydney, New South Wales, Australia. 1986.

**Graham SM.** “Preoperative Embolization of the Juvenile Nasopharyngeal Angiofibroma”. Presented at the Scientific Meeting of the S. A. Branch of the Royal Australasian College of Surgeons. 1986.

**Graham SM.** “The Conservation Neck Dissection”. Presented at the Scientific Meeting of the S. A. Branch of the Royal Australasian College of Surgeons. 1988.

**Graham SM.** “Zenker’s Diverticulum: Evidence for a Restrictive Cricopharyngeal Myopathy”. American Gastroenterological Associate, American Association for the Study of Liver Diseases, Gastroenterology Research Group, in Washington, D.C. 1989.

**Graham SM**, Hoffman HT and Peterson KL. “Medialization Laryngoplasty, Modifications in Technique”. Presented at the Scientific Meeting, National Centre for Voice and Speech, Iowa City, Iowa. 1992.

**Graham SM**, Bauman N, Hoffman H, Robinson R and Benda J. “Estrogen Receptors in Adenoid Cystic Carcinoma”. Presented at Southern Section Meeting, Triological Society, Sea Island, Georgia. 1992.

Maschka D, **Graham SM**, Hoffman HT and Bottles K. “Mucoepidermoid Carcinoma – A Three-Tiered Grading System?”. Presented at the Middle Section Meeting, Triological Society, Cleveland, Ohio. 1992.

Schubkegel A and **Graham SM**. “Mucosal Ablation – A Rabbit Model for Functional Endoscopic Sinus Surgery Failures”. Presented at the Combined Otolaryngological Spring Meetings, American Rhinological Society, Palm Desert, California. 1992.

Tsen D, Hoffman HT, Robinson R, **Graham SM** and McCulloch TM. “Sinonasal Undifferentiated Carcinoma: A Distinct Clinical Entity”. Presented at the Western Section Meeting, Triological Society, Seattle, Washington. January 1993.

Laurenzo JF, Hoffman HT, Funk GF, Frodel JL, **Graham SM** and McCulloch TM. “Use of Microvascular Free Flaps for Anterior Skull Base and Midface Reconstruction”. Presented at the Combined Otolaryngological Spring Meetings, American Rhinological Society, Los Angeles, California. April 1993.

Hoffman HT, Min Y, **Graham SM**, McCulloch TM and Funk GF. “Contemporary Evaluation of Vocal Cord Paralysis – A Cost-Effective Algorithm”. Presented at the Annual Meeting, Voice Society, Philadelphia, Pennsylvania. June 1993.

Zabner J, Couture L, Gregory R, **Graham SM**, Smith AE and Welsh MJ. “Adenovirus-Mediated Gene Transfer Corrects the Chloride Transport Defect in Patients With Cystic Fibrosis”. Presented at The North American Cystic Fibrosis Society Meeting, Dallas, Texas. October 1993.

Korver K, **Graham SM**, McCulloch T, Funk G and Hoffman HT. “Liver Function Studies in the Assessment of Head and Neck Cancer Patients”. Presented at the Middle Section Meeting, Triological Society, Rochester, Minnesota. January 1994.

Weber P, Gantz B, Hoffman H and **Graham SM**. “Evaluation of Temporal and Facial Osteomyelitis in Simultaneous IN-WBC/Tc-99MDP Bone SPECT Scintigraphy”. Presented at the Meeting of the American Academy of Otolaryngology-Head and Neck Surgery, San Diego, California. September 1994.

Hoffman HT, **Graham SM**, McCulloch TM, Funk GF and Rubright W. “Delay in the Diagnosis of Oral Cavity Cancer: An Assessment of Factors Influencing Tumor Stage at the Time of Treatment”. Presented at the Meeting of the American Society for Head and Neck Surgery, Palm Beach, Florida. May 1994.

Nerad J, McCulloch T, Funk G, **Graham SM** and Hoffman H. “Orbital Reconstruction After Resection Paranasal Sinus Neoplasm”. Presented at The Orbital Society Meeting, Seattle, Washington. July 1994.

Loney D, McCulloch TM, Miller BL, Hoffman HT, Funk GF, **Graham SM**. “Recurrent Head and Neck Cancer Treatment: A Survival and Time Cost Analysis”. Presented at The American Society of Head and Neck Surgery, Palm Desert, California. April 1995.

Bayerl M, Hoffman HT, Karnell M, Sporkman-Link A, **Graham SM** and Verdolini K. “Clinical Utility of Acoustic and Aerodynamic Measures in the Initial Assessment of Voice Disorders”. Presented at the Western Section Meeting, Triological Society, Scottsdale, Arizona. January 1995.

Goebel E, **Graham SM**, Kern J and Davidson B. “Ad2LacZ Transduces Human Head and Neck Squamous Cell Carcinoma Cell Lines”. Presented at the Annual Meeting of the American Academy of Otolaryngology-Head and Neck Surgery, New Orleans, Louisiana. September 1995.

Hoffman H, Funk G, McCulloch T, **Graham SM**, Dawson C and Smith E. “Cost Analysis of Treatment of Oral Cavity Squamous Cell Carcinoma”. Presented at the Annual Meeting of the American Academy of Otolaryngology-Head and Neck Surgery, New Orleans, Louisiana. September 1995.

Holcomb JD, **Graham SM** and Calof A. “Neuronal Homeostasis in Mammalian Olfactory Epithelium: A Review”. Presented at the American Rhinologic Society Meeting, New Orleans, Louisiana. September 1995.

Brown B, McCulloch T, Funk G, **Graham SM** and Hoffman H. “Cost Analysis of Pedicled Flaps and Free Tissue Transfer in the Head and Neck Reconstruction”. Presented at the Triological Society, Orlando, Florida. May 1996.

**Graham SM**, Funk G, McCulloch T and Hoffman H. “Laryngeal Fat Injection – A Histopathological and Clinical Study”. Presented at the PCOOS and Northwest Academy of Otolaryngology Combined Meetings, Seattle, Washington. June 1996.

McCulloch T, Nerad J, Traynelis V, Funk G, **Graham SM** and Hoffman H. “Orbital Preservation in Anterior Skull Base Surgery”. Presented at the North American Skull Base Society Meeting, San Diego, California. July 1996.

Carpenter K, **Graham SM**, Smith RJH. “Facial Skeletal Growth After Endoscopic Sinus Surgery in the Piglet Model”. Presented at the 42<sup>nd</sup> Annual Scientific Meeting, American Rhinologic Society, Washington, D.C. September 1996.

Scott S, **Graham SM**, Funk G, Hoffman H, McCulloch T and Robinson R. “Perineural Invasion and Tumor Necrosis Are Histological Predicators of Poor Clinical Outcome in Acinic Cell Carcinoma”. Presented at the Middle Section, Triological Society, Kansas City, Missouri. January 1997.

McLennan G, Shamsolkottadi S, Reinhardt J, **Graham SM** and Hoffman E. “Major Airway Obstruction Assessed by EBCT and Image Analysis”. Presented at the American Lung Association/American Thoracic Society International Conference, San Francisco, California. May 1997.

**Graham SM**, McLennan G and Hoffman EA. “Assessment of Major Airway Obstruction Using Image Analysis of Digital CT Information”. Presented at the Pacific Coast Otolaryngologic Society, San Diego, California. June 1997.

**Graham SM**, Zabner J and Launspach J. “Sequential Maxillary Sinus Lavage in Cystic Fibrosis Sinus Disease”. Presented at Pacific Coast Otolaryngologic Society, Kauai, Hawaii. 1998.

Arnold DJ, Funk GF, Hynds LK, Chen AH, Hoffman HT, Ricks JM, Zimmerman MB, Corbae DP, Zhen W, McCulloch TM and **Graham SM**. “Laryngeal Cancer Cost Analysis: Association of Case-mix and Treatment Characteristics with Medical Costs”. Presented at the Middle Section of the Triological Society, Milwaukee, Wisconsin. January 1999.

Carothers D, **Graham SM**, Jia HP, Tack BF and McCray Jr PB. “Production of Beta-Defensin Antimicrobial Peptides by the Paranasal Sinus Mucosa”. Presented at the American Rhinologic Society, New Orleans, Louisiana. September 1999.

**Graham SM**. “Anatomy of the Nose (ENT Videoscope)”. Presented at the “Introduction to Nasal Voltage Measurement” Meeting, sponsored by the CF RDP and General Clinical Research Center (GCRC) (Grant #RR0059), University of Iowa Hospitals and Clinics, Iowa City, Iowa. January 2000.

Heth J, Funk GF, McCulloch TM, Traynelis VC, Karnell LH, **Graham SM** and Hoffman HT. “Appropriate Selection of Reconstructive Technique in Anterior and Anterolateral Skullbase Surgery”. Presented at the **North American Skullbase Society Meeting**, Arizona, March 2000.

Chee L, **Graham SM**, Carothers DG and Ballas ZK. “Immune Dysfunction in Refractory Sinusitis in a Tertiary Setting”. Presented at the Western Section of the Triological Society in San Francisco, California. January 2000.

Carothers D, **Graham SM**, Jia HP, Ackermann M, Tack B and McCray Jr P. “Production of Beta-Defensin Antimicrobial Peptides by Maxillary Sinus Mucosa”. Presented at Pacific Coast Otolaryngology Society Meeting in Cabo San Lucas, Mexico. June 2000.

Hoffman HT, Quets J, Toshiaki T, Funk GF, McCulloch TM, **Graham SM**, Robinson RA, Schuster ME and Yuh WT. “Functional MR Imaging Using Iron Oxide Particles in Characterizing Head and Neck Adenopathy”. Presented at the Western Section of the Triological Society in San Francisco, California. January 2000.

Lee JH, Yi SMP, **Graham SM** and Welsh MJ. “Adenoviral Gene Transfer to Head and Neck Squamous Cell Carcinoma Cells: Identification of a Major Barrier and a Solution to Overcome This Barrier, Both *In Vitro* and *In Vivo*”. Presented at the 5<sup>th</sup> International Conference on Head and Neck Cancer in San Francisco, California. July/August 2000.

Andrews B, McCulloch TM, Hoffman HT, Funk GF, **Graham SM** and Browning MM. “The Deltopectoral Flap: Contemporary Usage”. Presented at the 5<sup>th</sup> International Conference on Head and Neck Cancer in San Francisco, California. August 2000.

Scott SN, McCulloch TM, **Graham SM** and Fitzpatrick K. “Perioperative and Long-Term Anemia in the Head and Neck Cancer Patient Population”. Presented at the Western Section of the Triological Society in Carlsbad, California. January 2001.

McGuirt WT, **Graham SM**, Nerad JA, Funk GF, McCulloch TM and Hoffman HT. “Orbital Management and Reconstruction of Paranasal Sinus Malignancy”. Presented at the Middle Section of the Triological Society in Chicago, Illinois. January 2001.

**Graham SM**, Scott SN, Zabner J and Launspach J. “The Effects of Fluticasone Propionate on Nasal Epithelia Potential”. Presented at the American Rhinologic Society Meeting at the Combined Otolaryngologists Spring Meetings (COSM) in Palm Springs, California. May 2001.

Harson RE, SuMin Y, Zabner J and **Graham SM**. “Interleukin 9 May Explain Goblet Cell Metaplasia and Mucus Hyper-Secretion Associated With Allergic Rhinitis”. Presented at the American

Rhinologic Society Meeting at the Combined Otolaryngologists Spring Meetings (COSM) in Palm Springs, California. May 2001.

Scott SN, Boeve TJ, McCulloch TM, Fitzpatrick KA, Colwill M, **Graham SM**, Hoffman HT, Funk GF and Browning MM. “The Effects of Perioperative Recombinant Human Erythropoietin on Transfusion Requirements in Patients With Head and Neck Cancer”. Presented at the Annual Meeting of the Society of Head and Neck Surgeons and the American Society for Head and Neck Surgery at the Combined Otolaryngologists Spring Meetings (COSM) in Palm Springs, California. May 2001.

Carothers DG, **Graham SM** and Ballas ZK. “Immunodeficiency and Sinus Disease”. Presented at the Pacific Coast Otolaryngology Society Meeting (COSM) in Maui, Hawaii. June 2001.

Andrews BT, McCulloch TM, Hoffman HT, Funk GF, **Graham SM** and Browning MM. “The Deltopectoral Flap Revisited in the Microvascular Era: A Single Institution 10 Year Experience”. Presented at the Middle Section Meeting of the Triological Society in Oklahoma City, Oklahoma. January 2002.

Thomas RD\*, **Graham SM** and Ballas ZK. “Efficacy of Prophylactic Antibiotics and Intravenous Immunoglobulin in Chronic Refractory Sinusitis”. Presented at the Middle Section Meeting of the Triological Society in Oklahoma City, Oklahoma. January 2002.

\*Recipient of the Middle Section of the Triological Society Resident Travel Award, 2002.

McCulloch TM, Andrews BT, Hoffman HT, **Graham SM**, Karnell MP and Mineck C. “Longterm Followup of Fat Injection Laryngoplasty for Unilateral Vocal Cord Paralysis”. Presented at the Western Section Meeting of the Triological Society in Pasadena, California. February, 2002.

**Graham SM**, Thomas RD\*, Carter KD and Nerad JA. “The Transcaruncular Approach to the Medial Orbital Wall”. Presented at the Western Section Meeting of the Triological Society in Pasadena, California. February 2002.

\*Recipient of the Western Section of the Triological Society Resident Travel Award, 2002.

Thomas RD, **Graham SM**, Carter KD and Nerad JA. “Management of the Orbital Floor in Silent Sinus Syndrome”. Presented at the American Rhinological Society Meeting, COSM in Boca Raton, Florida. May 2002.

Thomas RD, Graham SM, and Ballas ZK. “Cell-Mediated Immune Dysfunction in Chronic Refractory Sinusitis”. Presented at the American Rhinologic Society Meeting, San Diego, California. September 2002.

Nguyen TX, Paulino AC, Skwarchuk M, Buatti JM, Zhen WK, McCulloch TM, Funk GF, Smith RB, **Graham SM** and Hoffman HT. “A Preliminary Analysis of Failure Patterns in Head and Neck Cancers After Intensity Modulated Radiation Therapy: The University of Iowa Experience”. To be presented at ASTRO.

**Graham SM**, Brown CL, Carter KD, and Nerad JA. “Medial and Lateral Orbital Wall Surgery for Balanced Decompression in Thyroid Eye Disease.” Accepted for presentation at the Western Section Meeting of the Triological Society, Palm Springs, California. February 2003.

Brown CL, **Graham SM**, Bauman N, Griffin M, Carter KD, and Nerad JA. “Pediatric Subperiosteal Abscess – Medical or Surgical Management?” Presented at the American Rhinologic Society Meeting, Nashville, TN. May 2003.

EI-Deiry M, Funk GF, Nalwa S, Karnell LH, Smith RB, Buatti JM, Hoffman HT, Clamon GH, **Graham SM**, Trask DK, Dornfeld KJ, and Yao M. “Long-Term Health-Related Quality of Life Outcomes Following Surgical versus Non-Surgical Management for Advanced-Stage Head and Neck Cancer.” Presented at the American Head and Neck Society Meeting, Nashville, TN. May 2003.

Brumund K, **Graham SM**, and McLennan G. “Influence of Ostium Size on Maxillary Sinus Ventilation in the Xenon Sheep Model.” Accepted for presentation at the American Academy of Otolaryngology – Head and Neck Surgery Annual Meeting, Orlando, FL. September 2003.

Buatti JM, Dornfeld KJ, Skwarchuk M, Menda Y, Graham M, Smith RB, **Graham SM**, Funk GF, and Hoffman HT. “Efficacy of IMRT in Head and Neck Cancer as Monitored by Post-RT PET Scans.” Presented at the American Society for Therapeutic Radiology and Oncology, Salt Lake City, UT. October 2003.

Buatti JM, Dornfeld KJ, Skwarchuk M, Menda Y, Graham M, Smith RB, **Graham SM**, Funk GF, and Hoffman HT. “Is Neck Dissection Necessary When Post-radiation PET is Negative After Radiation Treatment for Locally Advanced Head and Neck Cancer?” Presented at the American Society for Therapeutic Radiology and Oncology, Salt Lake City, UT. October 2003.

Paulson E and **Graham SM**. “Neurological Diagnosis in CT and Endoscopy Negative Facial Pain.” Submitted for consideration for presentation at the Middle Section Meeting of the Triological Society, Marco Island, FL. January 2004.

**Graham SM**, Brown CL, and Zabner J. “Xylitol Reduces Pseudomonas Sinusitis in the Rabbit Maxillary Sinus Model.” Submitted for consideration of presentation at the Western Section Meeting of the Triological Society, Scottsdale, AZ. February 2004.

Chao SS, **Graham SM**, Brown CL, Kline JN, Hussain I. “CysLeukotriene 1 Receptor Expression in Nasal Polyps.” Presented at the American Rhinologic Society Spring Meeting, Scottsdale, AZ. May 2004.

Chao SS, Karnell MP, **Graham SM**, Karnell LH, Jay APM, Hoffman HP. “Injection Laryngoplasty in the Management of Unilateral Vocal Fold Paralysis.” Presented at AAOHNS Meeting, New York, NY. September 2004.

Andrews BT, **Graham SM**, Ross AF, Barhart WH, Ferguson JS, McLennan G. “Technique, Utility, and Safety of Awake Tracheoplasty using Combined Laser and Balloon Dilatation.” The American Broncho – Esophageal Society, COSM, Chicago, IL, May 2006.

**Graham SM**, Facial Pain and Sinus Disease, The Pacific Coast, Ophtho – Otolaryngological Society Annual Meeting, Honolulu, HI, June 2007.

Awad OG, Fasano MB, Lee JL, **Graham SM**, “Asthma Outcomes after Endoscopic Sinus Surgery: A difference between Aspirin – Tolerant and Aspirin-Induced Asthmatics,” American Rhinologic Society, Washington, DC, September 2007.

Awad OG, Lee JH, Fasano MB, **Graham SM**, “Sinonasal Outcomes after Endoscopic Sinus Surgery in Asthmatic Patients: A Difference Between Aspirin – Tolerant and Aspirin – Induced Asthma?”

Accepted for presentation, Western Section The Triological Society, Palm Springs, CA, February 2008.

#### 4. International Presentations

McCulloch TM, Hoffman HT, **Graham SM** and Rassekh C. “Carotid Artery Resection – The Iowa Experience”. Presented at Third Annual Meeting, North American Skull Base Society, Acapulco, Mexico. 1992.

Funk GF, Hoffman HT, **Graham SM** and McCulloch TM. “Management of Anomalous Vascular Anatomy Encountered During Elevation of the Radial Forearm Free Flap”. Presented at the Sixth International Symposium, American Academy of Facial Plastic and Reconstructive Surgery, San Francisco, California. June, 1993.

Pruzinsky MS, Funk GF, Hoffman HT, **Graham SM** and McCulloch TM. “Outcome Analysis of Pedicled and Free Tissue Transfer Flaps Used in Head and Neck Reconstructive Surgery”. Presented at the Sixth International Symposium of Facial Plastic and Reconstructive Surgery, San Francisco, California. June, 1993.

Angeli S, **Graham SM**, Hoffman H, McCulloch T and Funk G. “Adduccion Aritenioidea Para El Tratamiento De La Paralisis Vocal Unilateral Sinomatica”. Presented at XIX<sup>th</sup> Congreso Venezolano De Otorrinolaringologia, Puerto La Cruz, Venezuela. November, 1993.

Lebeda M, Haller J, Hoffman H and **Graham SM**. “Evaluation of Maxillary Sinus Aspiration in Patients With Fever of Unknown Etiology”. Presented at the Eastern Section, The Triological Society, Ottawa, Ontario, Canada. January, 1994.

**Graham SM**, Zabner J, Petersen D, Puga A and Welsh M. “Rhinological Aspects of Primate Intranasal Adenovirus Transfer of Cystic Fibrosis Transmembrane Conductance Regulator (CFTR) cDNA”. Presented at the Current Trends, Controversies and Perspectives in Rhinology and Sinus Surgery: An International Symposium, New York, New York. April, 1994.

McCulloch T, Funk G, Hoffman H and **Graham SM**. “Mandibular Replacement Using Osseo-Integrated Mandibular Reconstruction Plates”. Presented at the First International Congress on Maxillofacial Prosthetics, Indian Wells, California. April, 1994.

Goebel E, Kern J, Davidson B and **Graham SM**. “Gene Therapy for Head and Neck Squamous Cell Carcinoma: Early *In Vitro* Success With An Adenoviral Vector”. Presented at the American Association of Cancer Research Meeting, Toronto, Ontario, Canada. March, 1995.

Hoffman H, Bayerl M, Karnell M, Sporkman-Link A, **Graham SM** and Verdolini K. “Clinical Utility of Acoustic and Aerodynamic Measures in the Initial Assessment of Voice Disorders”. Presented at the First World Voice Congress, Oporto, Portugal. April, 1995.

Hoffman H, McCulloch T, **Graham SM**, Funk G and Bauer C. “Laryngeal Fat Injection for Glottic Incompetence: A Clinical Evaluation and Histopathologic Assessment”. Presented at the First World Voice Congress, Oporto, Portugal. April, 1995.

Loney D, LaVelle W, Hoffman H, **Graham SM**, Funk G and McCulloch T. “Orbital Reconstruction”. Presented at the Second International Conference on Maxillofacial Prosthetics, Seoul, Korea. April, 1996.

McCulloch T, Hoffman H, **Graham SM** and Funk G. “Laryngeal Fat Injection”. Presented at the Second International Symposium on Laryngo-Tracheal Reconstruction, Monte Carlo, Monaco. May, 1996.

Gonzalez D, Hoffman H, Funk G, **Graham SM** and McCulloch T. “A Fifty-Year Retrospective Study of Paranasal Sinus Malignancies”. Presented at the 4<sup>th</sup> International Conference on Head and Neck Cancer, Toronto, Ontario, Canada. July, 1996.

Beaty MM, Funk GF, Robinson RA, McCulloch TM, **Graham SM** and Hoffman HT. “Pathologic Findings in Adult Tonsillectomy: Indications for the Pathologic Evaluation of Tonsillar Tissue in Order to Exclude Malignancy”. Presented at the 4<sup>th</sup> International Conference on Head and Neck Cancer, Toronto, Ontario, Canada. July, 1996.

Goebel EA, Davidson BL, **Graham SM** and Kern JA. “Cytotoxic Gene Transfer Results in a Size Reduction of Established Head and Neck Squamous Cell Carcinoma (HNSCC) Nodules in a Mouse Model”. Presented at the 4<sup>th</sup> International Conference on Head and Neck Cancer, Toronto, Ontario, Canada. July, 1996.

Funk GF, Karnell LH, Dawson CJ, Means ME, Colwill ML, Zimmerman MB, McCulloch TM, **Graham SM** and Hoffman HT. “Association of Pretreatment Medical Outcomes Study 36-Item Short-Form Health Survey (SF-36) With Treatment Outcome for Head and Neck Cancer Patients”. Presented at the 4<sup>th</sup> International Conference on Head and Neck Cancer, Toronto, Ontario, Canada. July, 1996.

Zbar RIS, Funk GF, McCulloch TM, **Graham SM** and Hoffman HT. “The Pectoralis Myofascial Flap: A Valuable Tool With a Variety of Uses in Contemporary Head and Neck Reconstructive Surgery”. Presented at the 4<sup>th</sup> International Conference on Head and Neck Cancer, Toronto, Ontario, Canada. July, 1996.

Talmi YP, Hoffman HT, Horowitz Z, McCulloch TM, **Graham SM**, Funk GF and Kroneberg J. “The ‘Submuscular Recess’ – Surgical Considerations”. Presented at the 4<sup>th</sup> International Conference on Head and Neck Cancer, Toronto, Ontario, Canada. July, 1996.

Carter KD and **Graham SM**. “Comprehensive Management of the Orbit in Graves’ Disease”. XVI<sup>th</sup> World Congress of Otorhinolaryngology, Sydney, Australia. March, 1997.

**Graham SM**, Scott SN, Jepsen M and Zabner J. “Effect Of Topical Fluticasone Propionate On Sodium And Chloride Transport By Human Airway Epithelia – Implications For Its Role In Treatment Of Nasal Polyps”. Accepted for Presentation at the International Federation of Otolaryngological Societies Consensus Conference on Nasal Polyps, Siena, Italy. October, 2000.

**Graham SM**, McCulloch TM, Karnell M, and Hoffman HT. “Long-term Follow-up of Fat Injection for Vocal Cord Medialization in Laryngeal Paralysis.” Presented at the annual scientific meeting of the Australian and New Zealand Head and Neck Society, Sydney, Australia. November 2002.

**Graham, SM**, Andrews BT, Ross AF, Barhart WH, Ferguson JS, McLennan G. “Technique, Utility, and Safety of Awake Tracheoplasty using Combined Laser and Balloon Dilatation.”, Annual Scientific Meeting of the Royal Australasian College of Surgeons, Christchurch , New Zealand, May 2007.

## 5. Audio Publications

**Graham SM**, Hoffman H, Karnell M, Bayerl M, McCulloch T and Funk G. “Laryngeal Fat Injection for Glottic Incompetence: A Clinical Evaluation and Histopathologic Assessment”. **1995 Pacific Voice Conference Audio Cassettes**, Conference Audio Service, Oakland, California. 1995.

**Graham SM**. “Iatrogenic Injury of the Extratemporal Facial Nerve: Avoidance and Pitfalls”. In the **Proceedings of the 12<sup>th</sup> Annual Cherry Blossom Conference, Facial Nerve Disorders, Cassette 05AB**, Audio Transcripts, Ltd., Alexandria, Virginia. 1999.

**Graham SM**, Kuhn FA and Citardi MJ. “G. S. Gussack Memorial Bad Results in Endoscopic Sinus Surgery”. **American Academy of Otolaryngology-Head and Neck Surgery Foundation, 2000 Annual Meeting**, Sound Images, Inc., Englewood, Colorado. 2000.

Sethi DS, **Graham SM**, Stamm A. “Advanced Endoscopic Sinus Surgery Techniques.” **American Academy of Otolaryngology – Head and Neck Surgery Foundation, 2002 Annual Meeting**, Sound Images, Inc., Englewood, Colorado. 2002.

Sethi, DS, **Graham SM**, Jones N, Stamm A. “Situations and Solutions in Endoscopic Sinus Surgery.” **Academy of Otolaryngology – Head and Neck Surgery Foundation, 2002 Annual Meeting**, Sound Images, Inc., Englewood, Colorado. 2002.

**Graham SM**. “Complications of Endoscopic Sinus Surgery.” 2003 Annual Clinical Conference of the Kansas City Society of Ophthalmology and Otolaryngology, **Audio-Digest Otolaryngology**, Glendale, California, Vol. 36 Issue 8. 2003.

**Graham SM**, Kuhn FA and Citardi MJ. “G. S. Gussack Memorial Bad Results in Endoscopic Sinus Surgery.” **American Academy of Otolaryngology-Head and Neck Surgery Foundation, 2003 Annual Meeting**, Sound Images, Inc., Englewood, Colorado. 2003.

Sethi DS, **Graham SM**, Stamm A. “Advanced Endoscopic Sinus Surgery Techniques.” **American Academy of Otolaryngology – Head and Neck Surgery Foundation, 2003 Annual Meeting**, Sound Images, Inc., Englewood, Colorado. 2003.

**Graham SM**, Kuhn FA and Citardi MJ. “G. S. Gussack Memorial Bad Results in Endoscopic Sinus Surgery”. **American Academy of Otolaryngology-Head and Neck Surgery Foundation 2004, Annual Meeting**, Sound Images, Inc., Englewood, Colorado. 2004.

Sethi DS, **Graham SM**, Stamm A. “Advanced Endoscopic Sinus Surgery Techniques.” **American Academy of Otolaryngology – Head and Neck Surgery Foundation, 2004 Annual Meeting**, Sound Images, Inc., Englewood, Colorado. 2004.

**Graham SM**, Duncavage J, Furgeson BJ, Cassianor R, Martinez S, Stewart M. “Powered Instrumentation and ESS Complications.” **Academy of Otolaryngology – Head and Neck Surgery Foundation, 2004 Annual Meeting**, Sound Images, Inc., Englewood, Colorado. 2004.

Sethi, DS, **Graham SM**, Wormald PJ, Stamm A. “Situations and Solutions in Endoscopic Sinus Surgery.” **Academy of Otolaryngology – Head and Neck Surgery Foundation, 2004 Annual Meeting**, Sound Images, Inc., Englewood, Colorado. 2004

Chao SS, **Graham SM**, Karnell L, Jay A, Hoffman H. “ The Efficacy of Injection Laryngoplasty in Managing Inilateral Vocal Fold Paralysis.” **Academy of Otolaryngology – Head and Neck Surgery Foundation, 2004 Annual Meeting**, Sound Images, Inc., Englewood, Colorado. 2004

**Graham SM**, Kuhn FA, Citardi MJ, “G.S. Gussack Memorial: Avoiding Bad Results in Endoscopic Sinus Surgery, American Academy of Otolaryngology – Head and Neck Surgery Foundation, 2005, Sound Images, Inc., Englewood, Colorado, 2005.

Sethi DS, **Graham SM**, Stamm H, Advanced Endoscopic Sinus Surgery Techniques, American Academy of Otolaryngology – Head and Neck Surgery Foundation, 2005, Sound Images, Inc., Englewood, Colorado, 2005.

Marple B, **Graham SM**, Hurst DS., Immunologic Considerations in Chronic Sinusitis, Allergic Fungal Sinusitis or Otitis Media, American Academy of Otolaryngology – Head and Neck Surgery Foundation, 2005, Sound Images, Inc., 2005.

Sethi DS, **Graham SM**, Carrou R. Advanced Endoscopic Sinus Surgery Techniques. **Academy of Otolaryngology – Head and Neck Surgery Foundation. 2006 Annual Meeting.** Sound Images, Inc., Denver, Colorado, 2006.

Citardi MJ, **Graham SM**, Kuhn FA. , “G.S. Gussack Memorial: Avoiding Bad Results in Endoscopic Sinus Surgery, American Academy of Otolaryngology – Head and Neck Surgery Foundation, 2006, Sound Images, Inc., Englewood, Colorado, 2006.

Sethi DS, **Graham SM**, Carrou R. Advanced Endoscopic Sinus Surgery Techniques. **Academy of Otolaryngology – Head and Neck Surgery Foundation. 2007 Annual Meeting.** Sound Images, Inc., Denver, Colorado, 2007

Citardi MJ, **Graham SM**, Kuhn FA. , “G.S. Gussack Memorial: Avoiding Bad Results in Endoscopic Sinus Surgery, American Academy of Otolaryngology – Head and Neck Surgery Foundation, 2007, Sound Images, Inc., Denver, Colorado, 2007.

Sethi, DS, **Graham SM**, Wormald PJ, Stamm A. “Situations and Solutions in Endoscopic Sinus Surgery.” **Academy of Otolaryngology – Head and Neck Surgery Foundation, 2007 Annual Meeting**, Sound Images, Inc., Denver, Colorado. 2007.

## 6. Video Publications

**Graham SM**. “Gene Therapy for Sinusitis in Cystic Fibrosis: Does It Work?” **Cottle International Rhinology Centennial, Tape 4, 1997**, CME Information Services, Inc., Mount Laurel, New Jersey. 1997.

## 7. Poster Presentations

Funk GF, Hoffman HT, **Graham SM** and McCulloch TM. “Versatility of the Radial Artery Forearm Flap in Pharyngeal and Oral Cavity Reconstruction.” Presented at the Third International Conference on Head and Neck Cancer, San Francisco, California. July 1992.

Funk GF, Hoffman HT, Kresowik T, **Graham SM** and McCulloch T. “Digital Blood Pressure Evaluation in Patients Undergoing Radial Forearm Free Flap Reconstruction.” Presented at the Third International Conference on Head and Neck Cancer, San Francisco, California. July 1992.

**Graham SM**, Korver KD, Hoffman HT, McCulloch TM and Funk GF. “Liver Function Studies in the Assessment of Laryngeal Cancer.” Presented at the Second World Congress on Laryngeal Cancer, Sydney, Australia. February 1994.

Maschka DA, Funk GF, Shindo ML, McCulloch TM, **Graham SM** and Hoffman HT. “Monocortical Screw Stabilization of the Fibula Free Flap in Mandibular Reconstruction.” Presented at the 4<sup>th</sup> International Congress on Head and Neck Cancer, Toronto, Ontario, Canada. July 1996.

Fisher HC, Funk GF, Karnell LH, Zimmerman MB, Arcuri MR, McCulloch TM, **Graham SM** and Hoffman HT. “Demographic Variables Associated With Dental Status in the United States Population: Implications for Total Otolaryngology Rehabilitation Following Oral Ablative Oncologic Surgery.” Presented at the 4<sup>th</sup> International Conference on Head and Neck Cancer, Toronto, Ontario, Canada. July 1996.

Moreano E, McCulloch T, **Graham SM**, Hoffman H and Funk G. “Incidence of Pulmonary Embolism in Otolaryngology-Head and Neck Surgery.” Presented at the Centennial Meeting, American Academy of Otolaryngology-Head and Neck Surgery, Washington, D.C. September 1996.

Goebel E, Davidson B, **Graham SM**, Welsh M and Kern J. “A New Method to Quantitate Tumor Volume in a Mouse Model of Head and Neck Squamous Cell Carcinoma Involving Secreted Human Growth Hormone by a Transduced Cell Line.” Presented at the Centennial Meeting, American Academy of Otolaryngology-Head and Neck Surgery, Washington, D.C. September 1996.

Toole AJ, Lee J, **Graham SM** and Welsh MJ. “Enhancement of Adenovirus-Mediated Gene Therapy for Head and Neck Squamous Cell Carcinoma, Using a Calcium Phosphate Coprecipitate System.” Presented at the Triological Society, COSM Meeting, Palm Desert, California. April 1999.

Holcomb JD, Hoffman HT, **Graham SM**, Browning MM and McCulloch TM. “Endoscopic-Guided Percutaneous Dilational Tracheostomy Versus Operative Bedside Tracheotomy: A Prospective Randomized Comparison.” Presented at the X<sup>th</sup> British Academic Conference in Otolaryngology, Cambridge, England. July 1999.

Andrews BT, McCulloch TM, Hoffman HT, Funk GF, Browning MM and **Graham SM**. “Utility of the Deltopectoral Flap in the 1990s.” Presented at the 5<sup>th</sup> International Conference on Head and Neck Cancer, San Francisco, California. July/August 2000.

Thomas RD, **Graham SM**, Carter KD and Nerad JA. “Management of the Orbital Floor in Silent Sinus Syndrome.” Presented at the American Rhinological Society Meeting, COSM, Boca Raton, Florida. May 2002.

Chao SS, Graham SM, Brown CL, Kline JN, and Hussain I. “Role of Delayed Cellular Apoptosis in the Pathogenesis of Nasal Polyps.” Presented at the American Academy of Allergy, Asthma, and Immunology, San Francisco, California. March 2004.

Chao SS, Graham SM, Brown CL, Kline JN, Hussain I. “Cyclooxygenase 1 Receptor Expression in Nasal Polyps. Presented at the American Rhinologic Society Spring Meeting, Scottsdale, AZ. May 2004.

Chao SS, Hoffman HT, Graham SM, “The Efficacy of Injection Laryngoplasty in Managing Unilateral Vocal Fold Paralysis.” Presented at the American Academy of Otolaryngology – Head and Neck Surgery Annual Meeting, New York, New York. September 2004.

B. Areas of Research Interest and Current Projects

Development of the Nasal Model for Gene Therapy in Cystic Fibrosis

Extended Applications of Endoscopic Sinus Surgery  
Mechanism of Action of Topical Nasal Pharmaceuticals  
Mucosal Defenses in the Nose and Paranasal Sinuses  
Clinical Outcomes of Head and Neck Cancer

“Evaluation of the Non-Operated Maxillary Sinus as Model of Clinical Efficiency for Gene Therapy for Cystic Fibrosis”  
“Utility of Gene Transfer in the Treatment of Recurrent Head and Neck Cancer”  
“Evaluation of Combined-Approach Orbital Decompression for the Treatment of Thyroid-Related Orbitopathy”; in collaboration with Keith D. Carter, M.D., in the Department of Ophthalmology  
“Optimal Multimodality Treatment of Tracheal Stenosis”; in collaboration with Geoffrey McLennan, M.D., in the Department of Internal Medicine  
“The Influence of Common Topical Nasal Pharmaceuticals on Nasal Voltage Measurements”; in collaboration with Joseph Zabner, M.D., in the Department of Internal Medicine  
“Role of Defensins in Surface Active Immunity in the Nose and Paranasal Sinuses”; in collaboration with Paul B. McCray, M.D., in the Department of Pediatrics

C. Grants Received

**Sponsored Research:**

Co-Investigator, Funding Source 510-17-3215-12000-2-15036 0320 USPHS Gene Therapy CF-Project: 5%; \$6.6 million over six years (1994-1999); Principal Investigator: Michael Welsh, M.D.

Co-Investigator, Funding Source NIH, R21/R33, CA94310-01. Virtual True Color Bronchoscopy to Detect Lung Cancer: 3%, \$1,577,818. (8/15/03-7/31/05). Principal Investigator: Geoffrey McLennan, MD

Contributor, National Institutes of Health: July, 1999 – June, 2004; \$1,749,644; “Expression and Function of  $\beta$ -Defensins in Common Oral Infections”; Principal Investigator: Janet M. Guthmiller, D.D.S., Ph.D.; Co-Investigators: Johnson GK, McCray PB, Vargas KG and Greenberg EP; Contributor: **Graham SM**

**IV. SERVICE**

A. Offices Held in Professional Organizations

**Collegiate, University and National Committees:**

1990 - 1991	Member, Medical Records Committee, University of Iowa Hospitals and Clinics, Iowa City, Iowa
1991	Assistant Chairman, Combined Services Treatment Planning Committee in Head and Neck Surgical Oncology
1992	Member, Blood-Borne Pathogens Committee, Department of Otolaryngology-Head and Neck Surgery, University of Iowa, Iowa City, Iowa
1994	Member, Iowa Medical Society Scientific Committee for the 1995 Annual Meeting
1995	Vice-President for Health Sciences Ad Hoc Trans-National Health Care Alliance, Conceptual Development
1996 - 1998	Interviewer, Medical Student Applicants, College of Medicine, University of Iowa

- 1996 - 1999 Member, Latex Allergy Committee, College of Medicine, University of Iowa, Iowa City, Iowa
- 1996 Reviewer of National Professional Fees for Sinus Surgery, Establishing Relative Values, American Academy of Otolaryngology-Head and Neck Surgery
- 1997 Telemedicine Liaison Committee, College of Medicine, University of Iowa
- 1997 Committee for Development of Practice Parameters, Adult Sinusitis, University of Iowa Managed Care Product
- 1995 – 2000 Faculty Liaison, Des Moines Medical Consortium, Otolaryngology Rotation
- 1998 Laser Utilization Committee, University of Iowa Hospitals and Clinics, Iowa City, Iowa
- 1999 American Rhinologic Society Nominating Committee
- 2001 – Sedation and Analgesia Section of the Professional Practice Subcommittee, University of Iowa Hospitals and Clinics, Iowa City, Iowa
- 2001 – 2004 Councilor-at-Large, Pacific Coast Oto-Ophthalmologic Society
- 2002 – University of Iowa Department of Anesthesia Review Committee
- 2002 - Board of Directors, American Rhinologic Society
- 2002- 2003 American Rhinologic Society, Combined Otolaryngologic Societys' Spring Meeting Program Committee
- 2003- American Rhinologic Society, Annual Scientific Meeting, Program Committee
- 2003- Member, Rhinology and Paranasal Sinus Committee, American Academy of Otolaryngology – Head and Neck Surgery
- 2004-2005 Member, International Advisory Board for the 11<sup>th</sup> Congress of the International Rhinological Society
- 2004- Second Vice President, Pacific Coast Oto-ophthalmological Society
- 2005- Judge, Houston Otolaryngology – Head and Neck Society Resident Paper Competition
- 2005 First Vice President, Pacific Coast Oto-Ophthalmologic Society.
- 2005 Member Fellowship Directors Subcommittee, American Rhinologic Society.
- 2005 Maintenance of Certification Study Group, American Rhinologic Society/American Board of Otolaryngology.
- 2006 Vice President, Pacific Coast Oto-ophthalmological Society  
Judge, Resident Research Day, Dalhousie University, Halifax, Nova Scotia, Canada  
Para-nasal Sinus Committee, American Academy of Otolaryngology, Head and Neck Surgery
- 2007 President-Elect, Pacific Coast Oto-ophthalmological Society  
Paranasal Sinus Committee, American Academy of Otolaryngology Head and Neck Surgery
- 2007 Member of the American Rhinologic Society Membership Subcommittee
- 2007 Member of the American Rhinologic Society Newsletter Subcommittee