

## **Rodney J. Schlosser, MD**

Associate Professor

Director, Division of Rhinology & Sinus Surgery  
Department of Otolaryngology – Head and Neck Surgery  
Medical University of South Carolina

### **EDUCATION**

**Undergraduate:** United States Military Academy, West Point, NY, 1984-88  
Bachelor of Science, Aerospace Engineering

**Academic Honors:** Class rank: 6 of 981  
Distinguished Cadet: Top 5% of class in combined  
academic, athletic, and military grades, 1984-88  
Daughters' of American Revolution Award for  
Outstanding Aerospace Engineering Student, 1988  
State Finalist for Rhodes Scholarship, 1988

**Activities:** Intercollegiate Lightweight Football, 1984-86  
Marine Corps Marathon, 1987-88  
Powerlifting Team, 1987-88  
Tenth place in National Collegiate Powerlifting Championship, 1988

**Medical School:** MD, Mayo Medical School, Rochester, MN, 1992-96

**Activities:** AMA member, 1992-present  
Christian Medical & Dental Society, 1992-93  
Medical mission to Mexico, 1993  
Dorothy Day Hospitality House for the Homeless, 1992  
Financial Aid Committee, 1993-95  
Pediatric Cardiac Surgery Chart Reviewer, 1993-95

**Residency:** General Surgery Internship, University of Virginia, 1996-97  
Otolaryngology Residency, University of Virginia, 1997-2001

**Awards:** William Dion Award for Outstanding Surgical Intern, 1996-97  
  
Dean Edwin Pullen Anatomy Lab Resident Teaching Award, 1998-99  
  
First Place, Resident Temporal Bone Contest, University of Virginia  
Department of Otolaryngology – Head and Neck Surgery, 1999

**Fellowship:** Rhinology and Sinus Surgery, University of Pennsylvania, 2001-02

## **EXPERIENCE**

**Military:** Lieutenant, United States Army Corps of Engineers, Schofield Barracks, HI, 1989-92. Responsible for construction missions to the Republic of the Marshall Islands (8 months), Fiji, Hong Kong, and other islands of Hawaii.

## **RESEARCH**

**Awards:** First Place, Basic Science Research Award, American Rhinological Society, "Modulation of ciliary beat frequency in the upper airway by prostaglandins," 1995.

Honorable Mention, Student Research Award, American Academy of Otolaryngology – Head and Neck Surgery, "Signal transduction mechanisms in substance P mediated ciliostimulation," 1995.

Association of Academic Surgeons Medical Student Research Award, "Dual signal transduction mechanisms modulate ciliostimulation", 1996.

Third Place, Resident Research Award in Basic Science Category, American Academy of Otolaryngology – Head and Neck Surgery, "Elevated levels of nitric oxide metabolites in chronic sinusitis," 1999.

First Place, Resident Research Award Competition, University of Virginia Department of Otolaryngology – Head and Neck Surgery, "Elevated levels of nitric oxide metabolites in chronic sinusitis," 1999.

Daiichi Clinical Scholars Program, 2002-2003.

Mentor for Second Place, Resident Research Award in Basic Science Category, American Academy of Otolaryngology – Head and Neck Surgery, September 2004, "Alterations in eotaxin, macrophage chemoattractant protein-4, interleukin-5, and interleukin-13 after systemic steroids for nasal polyposis," Woodworth BA, Joseph K, Kaplan A, **Schlosser RJ**.

Mentor for Second Place, Poster Competition, American Rhinologic Society, September 2004, "Presence of surfactant lamellar bodies in normal and diseased sinus mucosa," Woodworth BA, Smyth N, Spicer SS, Schulte BA, **Schlosser RJ**.

**Grants:** PI, American Rhinologic Society Resident Research Grant, "Use of fibrin sealant containing antibiotics for treatment of chronic sinusitis," \$9,000, 1998.

PI, Bristol Meyers Squibb Research Grant "Nasal adhesion/synechia in rabbit model," \$7,500, 1998.

Mentor for 4 MUSC University Research Committee Resident Research Grants investigating the inflammatory response in chronic sinusitis, combined total of \$8,000, 2004-07.

PI, MUSC University Research Committee New Investigator Grant, “Surfactant-associated proteins in upper respiratory tract defense,” \$15,800, 2005-06.

PI, American Rhinologic Society, Young Investigator Award, “Surfactant-associated proteins A and D in chronic sinusitis,” \$25,000, 2005-06.

PI, Cystic Fibrosis Foundation, “Surfactant proteins A and D in chronic sinusitis of cystic fibrosis,” \$86,400, 2005-07.

PI, Johnson & Johnson, “A Prospective, Multicenter Study to Evaluate Surgiflo® Hemostatic Matrix in Achieving Hemostasis in Patients Undergoing Endoscopic Sinus Surgery”, \$17,500, 2005-06.

PI, Flight Attendant Medical Research Institute, Clinical Innovator Award, “Effects of second-hand smoke on sinonasal immunity”, \$325,500, 2006-09.

PI, American Academy of Otolaryngology – Head and Neck Surgery Foundation, Percy Memorial Grant, “Sublingual Immunotherapy: Clinical and Immunologic Outcomes”, \$25,000, 2007-08.

PI, Acclarent, Rhinology Fellowship Grant, “Use of balloon dilation in post-operative care after FESS”, \$15,000, 2007-08.

Co-PI, Xoran, “Anatomic Localization Utilizing Intra-operative CT Scanning - A Pilot Cadaver Study”, \$5,000, 2007-08.

Mentor for Chadwick Ahn, Research in Otolaryngology and Allergy Development Grant, “Tissue specific IgE in allergic fungal rhinosinusitis”, \$5,000, 2007-08.

Co-PI, NeilMed, “Radiographic and endoscopic evaluation of different irrigation methods”, \$10,000, 2007.

Co-PI, Flight Attendant Medical Research Institute, Clinical Innovator Award, “Second-hand smoke exacerbates allergic rhinitis”, \$325,500, 2008-2011.

## **AWARDS/COMMITTEES/SOCIETIES**

MUSC

Graduate Medical Education Committee, 2002-05  
Department Compliance Representative, 2002-05  
Otolaryngology Physician Clinical Director, 2004-present  
Otolaryngology Faculty Teaching Award, 2004  
Otolaryngology Practice Partner Representative, 2006-present  
Dept Committees: OR, Research, Mentorship

American Rhinologic Society  
Membership Committee, 2004-present  
Fellowship Committee, 2005-present  
Program Committee, 2006-present  
Nominating Committee, 2008-present

American Academy of Otolaryngic Allergy  
AAOA representative to Centralized Otolaryngic Research Efforts (CORE) Study  
Section, 2005-present  
Research committee, 2007-present

American Academy of Otolaryngology – Head and Neck Surgery  
Honor Award, 2003  
Allergy/Immunology Committee, 2003-present  
Skull Base Committee, 2003-present  
Guidelines Development Task Force, ARS representative, 2006-present

FAMRI grant review panel 2006-present.

SC Society of Otolaryngology  
Secretary/Treasurer, 2005-present

Editorial board  
Otolaryngology – Head and Neck Surgery  
American Journal of Rhinology

Journal reviewer  
Otolaryngology – Head and Neck Surgery  
American Journal of Rhinology  
Laryngoscope  
Archives of Otolaryngology – Head and Neck Surgery  
Annals of Otolaryngology, Rhinology and Laryngology  
Clinical Neurology and Neurosurgery  
American Journal of Medical Sciences

## **PUBLICATIONS**

1. **Schlosser RJ**, Czaja JM, Yang B, McCaffrey TV. Signal transduction mechanisms in substance P mediated ciliostimulation. Otolaryngol Head Neck Surg 1995;113:582-8.

2. **Schlosser RJ**, Franco RA, Czaja JM, McCaffrey TV. Modulation of ciliary beat frequency in the upper airway by prostaglandins. *Am J Rhinol* 1996;10:229-33.
3. Yang B, **Schlosser RJ**, McCaffrey TV. Dual signal transduction mechanisms modulate ciliostimulation. *Am J Physiol* 1996;270:L745-51.
4. Yang B, **Schlosser RJ**, McCaffrey TV. Signal transduction mechanisms in methacholine mediated ciliostimulation. *Ann Otol Rhinol Laryngol* 1997;106:230-6.
5. **Schlosser RJ**, Park SS. Surgery for the dysfunctional nasal valve: Cadaveric analysis and clinical outcomes. *Arch Facial Plast Surg* 1999;1:105-110.
6. **Schlosser RJ**, Park SS. Functional nasal surgery. *Otolaryngol Clin North Am* 1999;32(1):37-51.
7. Tholpady SS, **Schlosser RJ**, Spotnitz WD, Ogle RC, Lindsey WH. Repair of an osseous facial critical size defect using augmented fibrin sealant. *Laryngoscope* 1999;109:1585-88.
8. **Schlosser RJ**, Park SS. Functional Rhinoplasty. *Op Tech Otolaryngol Head Neck Surg* 1999;10:203-8.
9. **Schlosser RJ**, Spotnitz WD, Rodeheaver G, Scheld WM, Iezzoni J, Gross CW. Effects of fibrin sealant containing antibiotics after endoscopic sinus surgery. *Am J Rhinol* 2000;14:233-40.
10. **Schlosser RJ**, Spotnitz WD, Peters E, Fang K, Gaston B, Gross CW. Elevated levels of nitric oxide metabolites in chronic sinusitis. *Otolaryngol Head Neck Surg* 2000;123:4.
11. Gross CW, **Schlosser RJ**. Prevalence and economic impact of rhinosinusitis. *Curr Opin Otolaryngol Head Neck Surg* 2001;9:8-10.
12. Gross CW, Gallagher R, **Schlosser RJ**, et al. Autologous fibrin sealant reduces pain following tonsillectomy. *Laryngoscope* 2001;111:259-63.
13. Gross CW, **Schlosser RJ**. The modified Lothrop procedure: Lessons learned. *Laryngoscope* 2001;111:1302-1305.
14. **Schlosser RJ**, Mason JC, Gross CW. Aggressive endoscopic resection of inverted papilloma: An update. *Otolaryngol Head Neck Surg* 2001;125:49-53.
15. **Schlosser RJ**, London SD, Gwaltney J, Gross CW. Microbiology of chronic frontal sinusitis. *Laryngoscope* 2001;111:1330-1332.
16. **Schlosser RJ**, Kountakis SE, Gross CW. Post-operative management of endoscopic sinus surgery. *Curr Opin Otolaryngol Head Neck Surg* 2002;10:36-39.

17. **Schlosser RJ**, Zachmann GC, Harrison SE, Gross CW. The endoscopic modified Lothrop: Long term follow-up on 44 patients. *Am J Rhinol* 2002;16:103-108.
18. **Schlosser RJ**, Bolger WE. Management of multiple spontaneous nasal meningoencephaloceles. *Laryngoscope* 2002;112:980-985.
19. **Schlosser RJ**, Bolger WE. Nasal cerebrospinal fluid leaks. *J Otolaryngol* 2002;31:22-30, Suppl 1.
20. **Schlosser RJ**, Gross CW, Kountakis SE. Skull base erosion by sphenoid mycetomas: Diagnosis and treatment. *Am J Rhinol* 2002;16:161-4.
21. **Schlosser RJ**, Faust RA, Phillips CD, Gross CW. Three-dimensional computed tomography of congenital nasal anomalies. *Int J Pediatr Otorhinolaryngol* 2002;65:125-31.
22. London SD, **Schlosser RJ**, Gross CW. Endoscopic management of benign sinonasal tumors: A decade of experience. *Am J Rhinol* 2002;16:221-7.
23. **Schlosser RJ**, Bolger WE. Traumatic cerebrospinal fluid rhinorrhea. *Op Tech Otolaryngol Head Neck Surg* 2002;13(4):302-8.
24. Gaiser RR, Demetry DJ, **Schlosser RJ**. Ventricular tachycardia as an electrocardiography artifact during functional endoscopic sinus surgery. *Am J Rhinol* 2003;17:83-85.
25. **Schlosser RJ**, Bolger WE. Spontaneous nasal encephaloceles and empty sella syndrome: A clinical association? *Am J Rhinol* 2003;17:91-6.
26. **Schlosser RJ**, Bolger WE. Significance of empty sella in cerebrospinal fluid leaks. *Otolaryngol Head Neck Surg* 2003;128:32-8.
27. **Schlosser RJ**, Wilensky EM, Grady MS, Bolger WE. Elevated intracranial pressures in spontaneous CSF leaks. *Am J Rhinol* 2003;17:191-5.
28. **Schlosser RJ**, Bolger WE. Endoscopic transethmoidal sphenoidotomy. *Op Tech Otolaryngol* 2003;14(3):178-184.
29. **Schlosser RJ**, Bolger WE. Nasal cerebrospinal fluid leaks: Critical review and surgical considerations. *Laryngoscope* 2004;114(2):255-65.
30. Chandra R, **Schlosser RJ**, Kennedy DW. Use of the 70-degree diamond burr in the management of complicated frontal sinus disease. *Laryngoscope* 2004;114(2):188-92.

31. **Schlosser RJ**, Maloney-Wilensky E, Grady MS, et al. Cerebrospinal fluid (CSF) pressure monitoring after repair of CSF leaks. *Otolaryngol Head Neck Surg* 2004;130:443-8.
32. Meetze K, Palmer JN, **Schlosser RJ**. Frontal sinus complications after frontal craniotomy. *Laryngoscope* 2004;114(5):945-8.
33. Wolfe SG, **Schlosser, RJ**, Bolger WE, Lanza DC, Kennedy DW. Endoscopic and endoscopic-assisted resection of sinonasal papilloma. *Otolaryngol Head Neck Surg* 2004;131:174-9.
34. Woodworth BA, Joseph K, Kaplan AP, **Schlosser RJ**. Alterations in eotaxin, macrophage chemoattractant protein-4, interleukin-5 and interleukin-13 after systemic steroid treatment for nasal polyps. *Otolaryngol Head Neck Surg* 2004;131:585-9.
35. Woodworth BA, **Schlosser RJ**, Faust RA, Bolger WE. Evolutions in management of congenital intranasal skull base defects. *Arch Otolaryngol Head Neck Surg* 2004;130:1283-8.
36. Papadea C, **Schlosser RJ**. Sensitive detection of beta-2 transferrin in cerebrospinal fluid leakage using an automated immunofixation electrophoresis method. *Clin Chem* 2004;51(2):464-70.
37. Day TA, Beas RA, **Schlosser RJ**, Woodworth BA, Barredo J, Sharma AK, Barredo J, Gillespie MB. Management of paranasal sinus malignancy. *Curr Treat Options Oncol* 2005;6(1):3-18.
38. **Schlosser RJ**, Bolger WE. Image-guided procedures of the skull base. *Otolaryngol Clin North Am* 2005;38(3):483-90.
39. Stonebraker AC, **Schlosser RJ**. Orbital volumetric analysis of allergic fungal sinusitis patients with proptosis before and after endoscopic sinus surgery. *Am J Rhinol* 2005;19(3):302-6.
40. Woodworth BA, **Schlosser RJ**. Endoscopic repair of a congenital nasal encephalocele in a 23 month old infant. *Int J Pediatr Otorhinolaryngol* 2005;69(7):1007-9.
41. Woodworth BA, Smyth N, Spicer SS, Schulte BA, **Schlosser RJ**. Presence of surfactant lamellar bodies in normal and diseased sinus mucosa. *J ORL* 2005;67(4):199-202.
42. Woodworth BA, **Schlosser RJ**, Palmer JN. Endoscopic repair of frontal sinus cerebrospinal fluid leaks. *J Otol Laryngol* 2005;119(9):709-13.

43. Woodworth BA, Davis G, **Schlosser RJ**. Comparison of Laser vs. Surface Touch Registration for Image-Guided Sinus Surgery. *Am J Rhinol* 2005;19:623-6.
44. Woodworth BA, Meetze K, **Schlosser RJ**. Chronic rhinosinusitis in congenital craniofacial malformations. *Int J Pediatr Otorhinolaryngol* 2006;70:247-52.
45. **Schlosser RJ**, Woodworth BA, Gillespie MB, Day TA. Endoscopic resection of hemangiomas and hemangiopericytomas. *J ORL* 2006;68:69-72.
46. Woodworth BA, Neal JG, **Schlosser RJ**. Sphenoid sinus CSF leaks. *Op Tech Otolaryngol* 2006;17:37-42.
47. Ghegan MD, Lee FS, **Schlosser RJ**. Incidence of skull base and orbital erosion in allergic fungal rhinosinusitis (AFRS) and non-AFRS. *Otolaryngol Head Neck Surg* 2006;134(4):592-5.
48. Woodworth BA, Parker RO, Day TA, Gillespie MB, **Schlosser RJ**. Modified endoscopic medial maxillectomy for inflammatory disease. *Am J Rhinol* 2006;20(3):317-9.
49. **Schlosser RJ**, Bolger WE. Endoscopic management of CSF rhinorrhea. *Otolaryngol Clin N Amer* 2006;134(4):592-5.
50. Woodworth BA, Bolger WE, **Schlosser RJ**. Nasal CSF leaks and encephaloceles. *Op Tech Otolaryngol* 2006;17(2):111-6.
51. Woodworth BA, Neal JG, Newton D, Joseph K, Kaplan AP, Baatz JE, **Schlosser RJ**. Surfactant protein A and D in human sinus mucosa: A preliminary report. *J ORL* 2007;69(1):57-60.
52. **Schlosser RJ**. Surfactant and its role in chronic sinusitis. *Ann Otol Rhinol Laryngol Suppl* 2006;196:40-4.
53. Mehta RP, Cueva RA, Brown JD, Fliss DM, Gil Z, Kassam AB, Rassekh CH, Schlosser RJ, Snyderman CH, Har-El G. What's new in skull base medicine and surgery? Skull Base Committee Report. *Otolaryngol Head Neck Surg* 2006;135(4):620-30.
54. Woodworth BA, Lathers D, Neal JG, Skinner M, Richardson M, Young MR, **Schlosser RJ**. Immunolocalization of surfactant protein A and D in sinonasal mucosa. *Am J Rhinol* 2006;20:461-5.
55. **Schlosser RJ**, Woodworth BA, Wilensky EM, Grady MS, Bolger WE. Spontaneous cerebrospinal fluid (CSF) leaks: A variant of benign intracranial hypertension (BIH). *Annals Otol Rhinol Laryngol* 2006;115(7):495-500.
56. Wise SK, **Schlosser RJ**. Evaluation of spontaneous nasal cerebrospinal fluid leaks. *Curr Opin Otolaryngol Head Neck Surg* 2007;15(1):28-34.

57. Rampey AM, Lathers DMR, Woodworth BA, **Schlosser RJ**. Immunolocalization of dendritic cells and pattern recognition receptors in chronic rhinosinusitis. *Am J Rhinol* 2007;21(1):117-21.
58. Woodworth BA, Ahn C, Flume PA, **Schlosser RJ**. The delta F508 mutation in cystic fibrosis and impact on sinus development. *Am J Rhinol* 2007;21(1):122-7.
59. Moody MW, Chi DM, Mason JC, Phillips CD, Gross CW, **Schlosser RJ**. Tornwaldt's cyst: Incidence and a case report. *ENT J* 2007;86(1):45-7, 52.
60. Neal JA, Patel S, Kulbersh JS, Osguthorpe JD, **Schlosser RJ**. Comparison of techniques for trans-sphenoidal pituitary surgery. *Am J Rhinol* 2007;21(2):203-6.
61. Silver RI, Moonis G, **Schlosser RJ**, Bolger WE, Loevner LA. Radiographic signs of elevated intracranial pressure in idiopathic cerebrospinal fluid leaks: a possible presentation of idiopathic intracranial hypertension. *Am J Rhinol* 2007;21(3):257-61.
62. Woodworth BA, Wood R, Baatz JE, **Schlosser RJ**. Sinonasal surfactant protein A1, A2, and D is elevated in cystic fibrosis: A preliminary report. *Otolaryngol Head Neck Surg* 2007;137(1):34-8.
63. Woodworth BA, Wood R, Bhargava G, Cohen NA, Baatz JE, **Schlosser RJ**. Surfactant protein B detection and gene expression in chronic rhinosinusitis. *Laryngoscope* 2007;117(7):1296-301.
64. Ghegan MD, Wise SK, Gorham E, **Schlosser RJ**. Socioeconomic Factors in Allergic Fungal Rhinosinusitis with Bone Erosion. *Am J Rhinol* 2007;21(5):560-3.
65. Skinner ML, **Schlosser RJ**, Neal JG, Woodworth BA, Hall J, Newton D, Baatz JE. Innate and adaptive mediators in cystic fibrosis and allergic fungal rhinosinusitis. *Am J Rhinol* 2007;21(5):538-41.
66. Wise SK, Ghegan MD, Gorham E, **Schlosser RJ**. Socioeconomic factors in the diagnosis of allergic fungal rhinosinusitis. *Otolaryngol Head Neck Surg* 2008;138:38-42.
67. Woodworth BA, Chandra R, Hoy MJ, **Schlosser RJ**, Gillespie MB. Efficacy of seprapak sinus dressing versus no dressing: A randomized controlled trial. *ENT J* (in press).
68. Woodworth BA, Chandra RK, LeBenger JD, Ilie B, **Schlosser RJ**. A Gelatin-Thrombin Matrix for Hemostasis After Endoscopic Sinus Surgery. *Am J Otolaryngol* (in press).
69. Woodworth BA, Palmer JN, Chiu A, **Schlosser RJ**, Kennedy DW. Spontaneous CSF Leaks: A paradigm for definitive repair and management of intracranial hypertension. *Otolaryngol Head Neck Surg* (in press).

70. Harvey RJ, Goddard J, Wise SK, Sheahan PO, **Schlosser RJ**. Effects of endoscopic sinus surgery and delivery device on cadaver sinus irrigation Otolaryngol Head Neck Surg (in press).

71. Ghegan MD, Wise SK, **Schlosser RJ**. Assessment of Culture Necessity in Cystic Fibrosis Patients. Am J Otolaryngol (in press).

## CHAPTERS

1. Gross CW, **Schlosser RJ**. Powered dissection in the frontal drillout procedure in Powered instrumentation in Otolaryngology – Head and Neck Surgery. Yanagisawa, Christmas, Mirante eds. San Diego, Singular, 2001.

2. **Schlosser RJ**, Kennedy DW. Disorders of the nose and sinuses. Merck Manual of Medical Information: Home Edition (2<sup>nd</sup> edition), 2002.

3. Woodworth BA, **Schlosser RJ**. Frontal sinus CSF leaks. In The Frontal Sinus. Draf, Senior, Kountakis eds. Springer, 2005.

4. Osguthorpe JD, **Schlosser RJ**. History and physical examination in the allergy patient. In Allergy: The otolaryngologist's approach. Mabry, Ferguson, Krouse eds. Published by American Academy of Otolaryngic Allergy, Washington DC, 2005.

5. **Schlosser RJ**, Kennedy DW. Nasal endoscopy. In Scott Brown's Otorhinolaryngology, Head and Neck Surgery (7<sup>th</sup> edition), 2006.

6. Neal JP, Osguthorpe JD, **Schlosser RJ**. Surgical approaches to the sella turcica. De Souza ed. 2006.

7. Woodworth BA, Schlosser RJ. Endoscopic repair of CSF leaks. In Surgical Atlas, Kountakis ed. 2007.

## ABSTRACTS

1. **Schlosser RJ**, Yang B, McCaffrey TV. Substance P stimulates human respiratory cilia by production of endogenous nitric oxide. The Federation of American Societies for Experimental Biology (FASEB) Journal 9(3) Part I:A147,1995.

2. McCaffrey TV, Yang B, **Schlosser RJ**. Prostaglandin E<sub>2</sub> modulates ciliary beat frequency in human upper airway mucosa by production of endogenous nitric oxide. The Federation of American Societies for Experimental Biology (FASEB) Journal 9(3) Part I:A146,1995.

3. Czaja JM, **Schlosser RJ**, McCaffrey TV. Substance P stimulates human respiratory cilia by production of endogenous prostaglandins. The Federation of American Societies for Experimental Biology (FASEB) Journal 9(3) Part I:A147,1995.
4. McCaffrey TV, Yang B, **Schlosser RJ**. Modulation of ciliary beat frequency in the upper airway. Eur J All Clin Immunol (Suppl) 50(26),183,1995.

## RESEARCH PRESENTATIONS

1. McCaffrey TV, **Schlosser RJ**, Czaja JM. "Modulation of ciliary beat frequency in the upper airway." XVI European Congress of Allergology and Clinical Immunology, Madrid, Spain, June 1995.
2. **Schlosser RJ**, Franco RA, Czaja JM, McCaffrey TV. "Modulation of ciliary beat frequency in the upper airway by prostaglandins." American Rhinologic Society, Palm Desert, CA, April 1995.
3. **Schlosser RJ**, Czaja JM, Yang B, McCaffrey TV. "Signal transduction mechanisms in substance P mediated ciliostimulation." Poster presentation at American Academy of Otolaryngology – Head and Neck Surgery, New Orleans, LA, September 1995.
4. Tholpady SS, **Schlosser RJ**, Spotnitz WD, Ogle RC, Lindsey WH. "Repair of an osseous facial critical size defect using augmented fibrin sealant." Southern Section of American Otological, Rhinological, and Laryngological Society, New Orleans, LA, January 1999.
5. **Schlosser RJ**, Spotnitz WD, Rodeheaver G, Scheld WM, Iezzoni J, Gross CW. "Fibrin sealant containing antibiotics does not improve recovery after endoscopic sinus surgery in a rabbit model of chronic sinusitis." American Rhinologic Society, Palm Desert, CA, April 1999.
6. London SD, Tholpady SS, **Schlosser RJ**, Ogle RC, Lindsey WH. "An auricular cartilagenous critical size defect: An experimental model for the evaluation of cartilage repair techniques." American Academy of Facial Plastics and Reconstructive Surgery, Palm Desert, CA, April 1999.
7. **Schlosser RJ**, Spotnitz WD, Peters E, Fang K, Gaston B, Gross CW. "Elevated levels of nitric oxide metabolites in chronic sinusitis." American Academy of Otolaryngology – Head and Neck Surgery, New Orleans, LA, September 1999.
8. **Schlosser RJ**, Mason JC, Gross CW. "Aggressive endoscopic resection of inverted papilloma: An update." American Academy of Otolaryngology – Head and Neck Surgery, Washington DC, September 25, 2000.
9. **Schlosser RJ**, London SD, Gwaltney J, Gross CW. "Microbiology of chronic frontal sinusitis." Southern Section of Triological Society, Marco Island, FL, January 13, 2001.

10. **Schlosser RJ**, Gross CW. “The modified Lothrop procedure: Lessons learned.” Southern Section of Triological Society, Marco Island, FL, January 13, 2001.
11. **Schlosser RJ**, Zachmann GC, Harrison SE, Gross CW. “Long-term follow-up on the modified Lothrop.” American Rhinologic Society, Palm Desert, CA, May 14, 2001.
12. **Schlosser RJ**, Gross CW. “Evolution of frontal sinus surgery.” Joint session of American Rhinologic Society/Triologic Society, Palm Desert, CA, May 15, 2001.
13. **Schlosser RJ**, Bolger WE. “Management of multiple spontaneous nasal meningoencephaloceles.” Eastern Section Triological Society, Philadelphia, PA, January 27, 2002.
14. **Schlosser RJ**, Bolger WE. “Spontaneous nasal encephaloceles and empty sella syndrome: A clinical association?” American Rhinologic Society, Boca Raton, FL, May 10, 2002.
15. **Schlosser RJ**, Wilensky EM, Grady MS, Bolger WE. “Elevated intracranial pressures in spontaneous CSF leaks.” American Rhinologic Society, San Diego, CA, September 21, 2002.
16. **Schlosser RJ**, Bolger WE. “Significance of empty sella in CSF leaks.” American Academy of Otolaryngology – Head and Neck Surgery, San Diego, CA, September 22, 2002.
17. Wolfe SG, **Schlosser, RJ**, Bolger WE, Lanza DC, Kennedy DW. “Endoscopic and endoscopic-assisted resection of sinonasal papilloma.” American Academy of Otolaryngology – Head and Neck Surgery, San Diego, CA, September 22, 2002.
18. Silver RI, Moonis G, **Schlosser RJ**, Bolger WE, Loevner LA. “Radiographic signs of elevated intracranial pressure in spontaneous CSF leaks.” American Society of Neuro-Radiologists, Washington DC, April 28, 2003.
19. **Schlosser RJ**, Maloney-Wilensky E, Grady MS, et al. “Cerebrospinal fluid (CSF) pressure monitoring after repair of CSF leaks.” American Academy of Otolaryngology – Head and Neck Surgery, Orlando, FL, September 23, 2003.
20. Stonebraker AC, **Schlosser RJ**. “Orbital volumetric analysis of allergic fungal sinusitis patients with proptosis before and after endoscopic sinus surgery.” American Rhinologic Society, Phoenix, AZ, April 30, 2004.
21. Woodworth BA, **Schlosser RJ**, Faust RA, Bolger WE. “Evolutions in management of congenital intranasal skull base defects.” American Society of Pediatric Otolaryngology, Phoenix, AZ, May 3, 2004.

22. Woodworth BA, Smyth N, Spicer SS, Schulte BA, **Schlosser RJ**. "Presence of surfactant lamellar bodies in normal and diseased sinus mucosa." American Rhinologic Society (poster), New York, NY, September 19, 2004.
23. Woodworth BA, Joseph K, Kaplan AP, **Schlosser RJ**. "Alterations in eotaxin, macrophage chemoattractant protein-4, interleukin-5 and interleukin-13 after systemic steroid treatment for nasal polyps." American Academy of Otolaryngology – Head and Neck Surgery, New York, NY, September 21, 2004.
24. Neal JG, Patel S, Kulbersh JS, Osguthorpe JD, **Schlosser RJ**. "Comparison of techniques for trans-sphenoidal pituitary surgery." American Rhinologic Society, Boca Raton, FL, May 14, 2005.
25. Woodworth BA, Lathers D, Neal JG, Skinner M, Richardson M, Young MR, **Schlosser RJ**. "Immunolocalization of surfactant protein A and D in sinonasal mucosa." American Rhinologic Society, Los Angeles, CA, September 24, 2005.
26. Ghegan M, **Schlosser RJ**. "Radiographic evidence of bony erosion in allergic fungal sinusitis (AFS) vs. non-AFS chronic rhinosinusitis." American Academy of Otolaryngology – Head and Neck Surgery, Los Angeles, CA, September 27, 2005.
27. Woodworth BA, Joseph K, Kaplan A, Baatz JE, **Schlosser RJ**. "Surfactant-proteins A and D in human sinonasal mucosa." American Academy of Otolaryngology – Head and Neck Surgery, Los Angeles, CA, September 27, 2005.
28. Neal JG, Palmer JN, **Schlosser RJ**. "Endoscopic management of frontal sinus mucocoeles with anterior table erosion." American Academy of Otolaryngology – Head and Neck Surgery, Los Angeles, CA, September 28, 2005.
29. Rampey AM, Lathers DMR, Woodworth BA, **Schlosser RJ**. "Immunolocalization of dendritic cells and pattern recognition receptors in chronic rhinosinusitis." American Rhinologic Society, Chicago, IL, May 19, 2006.
30. Skinner ML, **Schlosser RJ**, Neal JG, Woodworth BA, Hall J, Newton D, Baatz JE. "Innate and adaptive mediators in cystic fibrosis and allergic fungal rhinosinusitis." American Rhinologic Society, Chicago, IL, May 19, 2006.
31. Woodworth BA, Ahn C, Flume PA, **Schlosser RJ**. "The delta F508 mutation in cystic fibrosis and impact on sinus development." American Rhinologic Society, Chicago, IL, May 19, 2006.
32. Woodworth BA, Wood R, Baatz JE, **Schlosser RJ**. "SPA-1, SPA-2, and SP-D gene expression in chronic rhinosinusitis." American Rhinologic Society, Toronto, September 16, 2006.

33. Woodworth BA, Chandra R, Hoy MJ, **Schlosser RJ**, Gillespie MB. "Efficacy of seprapak sinus dressing versus no dressing in the prevention of intranasal adhesions following sinus surgery: A randomized controlled trial." American Academy of Otolaryngology – Head and Neck Surgery, Toronto, September 19, 2006.
34. Woodworth BA, Chandra R, LeBenger J, Leberknight E, **Schlosser RJ**. "A gelatin-thrombin matrix for hemostasis after endoscopic sinus surgery." Poster presentation at American Academy of Otolaryngology – Head and Neck Surgery, Toronto, September 19, 2006.
35. Woodworth BA, Wood R, Bhargava G, Cohen NA, Baatz JE, **Schlosser RJ**. Surfactant protein B detection and gene expression in chronic rhinosinusitis. Triologic Society Meeting, Marco Island, FL, February 13, 2007.
36. Ghegan MD, Wise SK, Gorham E, **Schlosser RJ**. "Socioeconomic Factors in Allergic Fungal Rhinosinusitis with Bone Erosion", American Rhinologic Society, San Diego, CA, April 2007.
37. Wise SK, Woody J, Koepp SK, **Schlosser RJ**. "Quality of Life Outcomes with Sublingual Immunotherapy (SLIT)", American Rhinologic Society, San Diego, CA, April 2007.
38. Wise SK, Harvey RJ, Patel SJ, Frankel B, **Schlosser RJ**. "Endoscopic Repair of Skull Base Defects Presenting with Pneumocephalus", American Rhinologic Society, Washington DC, September 2007.
39. Wise SK, Harvey RJ, Patel SJ, Frankel B, **Schlosser RJ**. " Factors Contributing to Failure in Endoscopic Repair of Skull Base Defects", American Rhinologic Society, Washington DC, September 2007.
40. Ghegan MD, Wise SK, **Schlosser RJ**. "Assessment of Culture Necessity in Cystic Fibrosis Patients", Poster presentations, American Rhinologic Society, Washington DC, September 2007.
41. Ahn CA, Lathers D, Wise SK, Mulligan R, **Schlosser RJ**. "Quantification of Dendritic Cells in Chronic Rhinosinusitis," American Academy of Otolaryngology – Head and Neck Surgery, Washington DC, September 2007.
42. Wise SK, Ghegan MD, Gorham ED, **Schlosser RJ**. "Socioeconomic Factors in Allergic Fungal Rhinosinusitis", American Academy of Otolaryngology – Head and Neck Surgery, Washington DC, September 2007.
43. Ahn CA, Woody J, **Schlosser RJ**. "Is #2 IDT necessary during Modified Quantitative Testing?", American Academy of Otolaryngic Allergy, Washington DC, September 2007.

44. Woody J, Wise SK, Koepp SK, **Schlosser RJ**. “Improved clinical outcomes after rapid escalation for sublingual immunotherapy: A pilot study”, American Academy of Otolaryngic Allergy, Washington DC, September 2007.
45. Wise SK, Harvey RJ, Goddard JC, Sheahan PO, **Schlosser RJ**. “Combined Image Guidance and Intraoperative Computed Tomography in Facilitating Endoscopic Orientation Within and Around the Paranasal Sinuses”, American Rhinologic Society, Orlando, FL, May 2008.
46. Smith J, Harvey RJ, Wise S, Sheehan P, **Schlosser RJ**. “Intra-cranial complications before and after endoscopic skull base defect repair”, American Rhinologic Society, Orlando, FL, May 2008.
47. Wise SK, Ahn C, Lathers D, Mulligan R, **Schlosser RJ**. “Antigen-Specific IgE in Sinus Mucosa of Allergic Fungal Rhinosinusitis”, American Rhinologic Society, Orlando, FL, May 2008.

#### **EDUCATIONAL/INVITED PRESENTATIONS**

1. **Schlosser RJ**. “Surgical use of commercially produced fibrin sealant versus blood bank produced fibrin sealant.” Panel discussant at Centeon LLC Surgical Preceptorship, Charlottesville, VA, November 10, 1998.
2. **Schlosser RJ**. “Uses of fibrin sealant in Otolaryngology – Head and Neck Surgery.” Presented at Fibrin Sealant Conference for Haemacure Corporation, Charlottesville, VA, November 21, 1998.
3. **Schlosser RJ**. “Uses of fibrin sealant in Otolaryngology – Head and Neck Surgery.” Fibrin Sealant Conference, Charlottesville, VA, April 1999. Additional laboratory demonstration of the use of fibrin sealant in dog tonsillectomies and tongue wounds.
4. **Schlosser RJ**, Gross CW. “Frontal sinus: Still an Achilles’ heel.” Cherry Blossom Conference, Alexandria, VA, March 25, 2000.
5. **Schlosser RJ**. “Otolaryngology uses for tissue adhesives.” Basics of Tissue Adhesives: What Every Clinician Should Know. Lecture and hands-on laboratory, Charlottesville, VA May 5-6, 2000.
6. **Schlosser RJ**, Burke S, Spotnitz WD, Gross CW. “Practical application and uses of fibrin sealant in otolaryngology – head and neck surgery.” Instructional course at American Academy of Otolaryngology – Head and Neck Surgery, Washington DC, September 25, 2000.
7. **Schlosser RJ**, Burke S, Spotnitz WD, Gross CW. “Otolaryngology uses of fibrin sealant.” Mini-seminar at American Academy of Otolaryngology – Head and Neck Surgery, Washington DC, September 25, 2000.

8. **Schlosser RJ**, Burke S, Spotnitz WD, Gross CW. “Practical application and uses of tissue adhesives in otolaryngology – head and neck surgery.” Instructional course at American Academy of Otolaryngology – Head and Neck Surgery, Denver, CO, September 10, 2001.
9. **Schlosser RJ**, Burke S, Spotnitz WD, Gross CW. “Otolaryngology uses of tissue adhesives.” Mini-seminar at American Academy of Otolaryngology – Head and Neck Surgery, Denver, CO, September 12, 2001.
10. **Schlosser RJ**. “Respiratory’s First Defense: The Nose.” Second year medical school class lecture, University of Pennsylvania, October 5, 2001.
11. **Schlosser RJ**. “Head and Neck Cancer Case Study.” Second year medical school class small group session, University of Pennsylvania, October 25, 2001.
12. **Schlosser RJ**. “Head and Neck Examination.” Second year medical student small group sessions, University of Pennsylvania, 16 sessions between July 16, 2001 and June 30, 2002.
13. **Schlosser RJ**. “Common problems in rhinology.” Second year medical student lecture, University of Pennsylvania, 16 sessions between July 16, 2001 and June 30, 2002.
14. **Schlosser RJ**. “Common problems in otology.” Second year medical student lecture, University of Pennsylvania, 8 sessions between July 16, 2001 and June 30, 2002.
15. **Schlosser RJ**. “Evolution of frontal sinus surgery.” Grand Rounds Lecture, Department of Otorhinolaryngology, University of Pennsylvania, December 13, 2001.
16. **Schlosser RJ**. “CSF leaks: An ENT perspective.” Neuro-Trauma ICU Nurses Conference, University of Pennsylvania, February 20, 2002.
17. **Schlosser RJ**. “Treatment of chronic rhinosinusitis in asthmatics.” Educational conference, Division of Pulmonary/Critical Care, Dept of Medicine, MUSC, August 19, 2002.
18. **Schlosser RJ**. “Spontaneous CSF leaks.” NC/SC Society of Otolaryngology, Asheville, NC, July 30, 2002.
19. **Schlosser RJ**. “In-depth comparison of image-guided systems.” Sinus Masters Course, Hilton Head, SC, September 7, 2002.
20. **Schlosser RJ**. “Latest treatments for chronic sinusitis.” Four community presentations at East Cooper Regional Medical Center, Mount Pleasant, SC, 2002-03.

21. **Schlosser RJ**, Bolger WE. “Nasal encephaloceles and cerebrospinal fluid leaks.” Instructional course American Academy of Otolaryngology – Head and Neck Surgery, San Diego, CA, September 23, 2002.
22. **Schlosser RJ**. “Pediatric sinusitis.” Presentation to community pediatricians, Charleston, SC, October 11, 2002.
23. **Schlosser RJ**. “Management of chronic sinusitis.” Presentation to Anderson, SC otolaryngologists, Anderson, SC, October 22, 2002.
24. **Schlosser RJ**. “Allergies and sinusitis.” Radio talk show interview, Charleston, SC, October 28, 2002.
25. **Schlosser RJ**. “Spontaneous CSF leaks and pseudotumor cerebri.” Presentation to pseudotumor cerebri support group, Charleston, SC, November 14, 2002.
26. **Schlosser RJ**. “Latest treatments for chronic sinusitis.” Seven community presentations, Charleston, SC, 2002-2005.
27. **Schlosser RJ**. “Latest treatments for chronic sinusitis.” Presentation to community otolaryngologists, allergists, and infectious disease specialists, Greenville, SC, January 28, 2003.
28. **Schlosser RJ**. “Endoscopic sinus surgery.” Presentation to OR nurses conference, March 4, 2003.
29. **Schlosser RJ**. “In-depth comparison of image-guided systems”, “IGS: Lessons Learned”, and “Use of IGS for skull base cases.” Sinus Masters Course, Kiawah Island, SC, March 7-8, 2003.
30. **Schlosser RJ**. Laboratory Instructor at Penn International Rhinology Course. Philadelphia, PA, March 13-15, 2003.
31. **Schlosser RJ**. “Medical management of chronic rhinosinusitis.” Carolina Course in Sinus Surgery and Facial Plastic Surgery. Chapel Hill, NC, April 11, 2003.
32. **Schlosser RJ**. “In-depth comparison of image-guided systems”, “Sinus anatomy and pre-operative planning”, and “Use of IGS for skull base cases.” Sinus Masters Course sponsored by BrainLAB, Las Vegas, NV, June 27-28, 2003.
33. **Schlosser RJ**. Hands-on instruction on IGS using BrainLAB system. Community otolaryngologists, Rock Hill, SC, June 30, 2003.
34. **Schlosser RJ**. Invited guest speaker, St Vincent’s Sinus Course, Sydney, Australia, August 23-24, 2003. Presentations included “Endoscopic repair of encephaloceles and CSF leaks”, “Allergic fungal sinusitis”, and “Endoscopic frontal sinusotomy.”

35. **Schlosser RJ.** Course Director, Charleston Sinus Course, Charleston, SC, Sept 5-6, 2003, 24 participants from 15 states included cadaver dissection with image-guidance systems and powered instrumentation.
36. **Schlosser RJ, Bolger WE.** “Nasal encephaloceles and cerebrospinal fluid leaks.” Instructional course at American Academy of Otolaryngology – Head and Neck Surgery, Orlando, FL, Sept 21, 2003.
37. **Schlosser RJ.** “Five steps for FESS success.” Columbia area otolaryngologists. Columbia, SC, October 28, 2003.
38. **Schlosser RJ.** “Keys to FESS success.” Beaufort area otolaryngologists. Beaufort, SC, November 25, 2003.
39. **Schlosser RJ.** “Chronic sinusitis in cystic fibrosis patients.” CF Education Day, Charleston, SC, December 6, 2003.
40. **Schlosser RJ.** “Sinus radiology: A surgeon’s perspective.” Department of Radiology, Grand Rounds, MUSC, Charleston, SC, December 11, 2003.
41. **Schlosser RJ.** “Keys to FESS success.” Myrtle Beach area otolaryngologists. Murrell’s Inlet, SC, February 18, 2004.
42. **Schlosser RJ.** “Endoscopic repair of encephaloceles and CSF leaks” and Laboratory Instructor, Penn International Rhinology Course, Philadelphia, PA, March 11-13, 2004.
43. **Schlosser RJ.** Course director, Sinus Master’s Course at MUSC, Charleston, SC, May 15-16, 2004 for 44 participants from 15 states. Presentations included “Pre-operative planning and avoiding complications”, “Endoscopic repair of encephaloceles and CSF leaks”, and “Interesting case discussion.”
44. **Schlosser RJ.** Panel participant, NBC Channel 2 expert panel on Allergies, Asthma, and Sinusitis, Charleston, SC, May 25, 2004.
45. **Schlosser RJ.** “Pre-operative planning for FESS.” Magnolia Conference, Charleston, SC, June 5, 2004.
46. **Schlosser RJ.** “Surgical considerations in frontal sinus surgery.” NC/SC Society of Otolaryngology, Asheville, NC, July 31, 2004.
47. **Schlosser RJ.** “Endoscopic frontal sinusotomy.” Panel discussant, American Rhinologic Society, New York, NY, September 19, 2004.
48. **Schlosser RJ.** “Regional variations in end stage chronic rhinosinusitis.” Panel discussant, American Rhinologic Society, New York, NY, September 20, 2004.

49. **Schlosser RJ**, Bolger WE. "Nasal encephaloceles and cerebrospinal fluid leaks." Instructional course at American Academy of Otolaryngology – Head and Neck Surgery, New York, NY, Sept 21, 2004.
50. **Schlosser RJ**. "Medical management of sinusitis." Presentation to Hilton Head area physicians, Hilton Head, SC, Nov 17, 2004.
51. **Schlosser RJ**. "In-depth comparison of image-guided systems", and "Use of Image-Guided Surgery for skull base cases." Sinus Masters Course, Las Vegas, NV, Dec 11, 2004.
52. **Schlosser RJ**. "Latest advancements in endoscopic sinus surgery and powered instrumentation." Gyrus National Sales Meeting, January 21-22, 2005.
53. **Schlosser RJ**. "Medical management of sinusitis." Presentation to community physicians, Charleston, SC, January 25, 2005.
54. **Schlosser RJ**. "ENT outreach in the Charleston area." Invited speaker on NBC Channel, Charleston, SC, February 4, 2005.
55. **Schlosser RJ**. "Endoscopic skull base surgery." Medtronic-Xomed, Jacksonville, FL, February 11, 2005.
56. **Schlosser RJ**. "Endoscopic repair of encephaloceles and CSF leaks" and Laboratory Instructor, Penn International Rhinology Course, Philadelphia, PA, March 10-12, 2005.
57. **Schlosser RJ**. Course director, Sinus Master's Course for practitioners and residents, 44 participants at MUSC, Charleston, SC, April 9-10, 2005. Lectures included "Pre-operative planning", "Frontal sinus surgery", "CSF leaks and encephaloceles."
58. **Schlosser RJ**. "Sinus radiology: A surgeon's perspective." Department of Radiology, Grand Rounds, MUSC, Charleston, SC, April 12, 2005.
59. **Schlosser RJ**. Faculty member, Southern States Sinus Course, Birmingham, AL, April 28-30, 2005. Lectures included "Endoscopic surgery of the maxillary and ethmoid sinuses", "Endoscopic management of epistaxis", "Post-operative care", and "Frontal sinus trephination."
60. **Schlosser RJ**. Guest speaker, "Image Guidance in Endoscopic Sinus Surgery: State of the Art or Standard of Care?", First Annual Rhinologic Meeting, North Shore Long Island Jewish Hospital, Long Island, NY, May 23, 2005.
61. **Schlosser RJ**. Panelist "Controversies in frontal sinus surgery," American Rhinologic Society, Boca Raton, FL, May 14, 2005.

62. **Schlosser RJ.** “Endoscopic management of sinonasal neoplasms.” Magnolia Conference, Charleston, SC, June 4, 2005.
63. **Schlosser RJ.** Guest speaker, “Endoscopic management of sinonasal neoplasms” and “Why does FESS fail?” NC/SC Society of Otolaryngology, Charleston, SC, July 22-23, 2005.
64. **Schlosser RJ** (panel moderator), Citardi MJ, Palmer JN, Hwang P. “Image-guided sinus surgery: Past, present, and future.” Mini-seminar at American Academy of Otolaryngology – Head and Neck Surgery, Los Angeles, CA, September 26, 2005.
65. **Schlosser RJ,** Bolger WE. “Nasal encephaloceles and cerebrospinal fluid leaks.” Instructional course at American Academy of Otolaryngology – Head and Neck Surgery, Los Angeles, CA, September 26, 2005.
66. **Schlosser RJ,** Day TA. “Skull base approaches for sinonasal pathology: Endoscopic vs open.” Instructional course at American Academy of Otolaryngology – Head and Neck Surgery, Los Angeles, CA, September 28, 2005.
67. **Schlosser RJ.** “Chronic rhinosinusitis in cystic fibrosis patients.” Early bird course at North American Cystic Fibrosis Conference, Baltimore, MD, October 20, 2005.
68. **Schlosser RJ.** Faculty member, Southern States Rhinology Course, Savannah, GA, October 21-22, 2005. Lectures included “Post-operative care”, “Endoscopic pituitary surgery”, and “Frontal sinus trephination.”
69. **Schlosser RJ.** Panel member, “Chronic rhinosinusitis in cystic fibrosis patients” given during seminar “Complications of cystic fibrosis”, North American Cystic Fibrosis Conference, Baltimore, MD, October 23, 2005.
70. **Schlosser RJ.** Invited speaker, Otolaryngology Research Study Club, Los Angeles, CA, January 14, 2006. Presentations included “Endoscopic resection of sinonasal neoplasms”, “Encephaloceles and CSF leaks”, “Post-operative care”, and “Why does FESS fail?”
71. **Schlosser RJ.** “Endoscopic repair of encephaloceles and CSF leaks”, “Skull base panel” (moderator), and Laboratory Instructor, Penn International Rhinology Course, Philadelphia, PA, March 10-12, 2006.
72. **Schlosser RJ.** “Avoiding complications” and “Sphenoid sinus surgery”, Carolina Course in Sinus Surgery and Facial Plastic Surgery. Chapel Hill, NC, April 1, 2006.
73. **Schlosser RJ.** Course director, Southern States Rhinology Course at MUSC, Charleston, SC, April 27-29, 2006 for 31 international participants. Presentations included “Epistaxis”, “Frontal trephination”, and Laboratory Prosection.

74. **Schlosser RJ.** Course director, Sinus Master's Course for practitioners and residents (26 international participants) at MUSC, Charleston, SC, May 6-7, 2006. Lectures included "Basics of FESS", "CSF leaks and encephaloceles", and Laboratory Instructor.

75. **Schlosser RJ.** "Image Guidance in Endoscopic Sinus Surgery: State of the Art or Standard of Care?" Magnolia Conference, Charleston, SC, June 2, 2006.

76. Palmer JN (panel moderator), **Schlosser RJ**, Wormald PJ. "Revision FESS: Tips from the experts." Mini-seminar at American Academy of Otolaryngology – Head and Neck Surgery, Toronto, Canada, September 20, 2006.

77. **Schlosser RJ.** Faculty member, Southern States Rhinology Course, Augusta, GA, October 21-22, 2006. Lectures included "Post-operative care", "Epistaxis" and "Frontal sinus trephination."

78. **Schlosser RJ.** "Latest treatments for chronic sinusitis." Community presentation, Charleston, SC, February 27, 2007.

79. **Schlosser RJ.** "Endoscopic repair of encephaloceles and CSF leaks", "Pediatric rhinosinusitis: Diagnosis, medical and surgical treatment", and Laboratory Instructor, Penn International Rhinology Course, Philadelphia, PA, March 8-10, 2007.

80. **Schlosser RJ.** Faculty member, Southern States Rhinology Course, Atlanta, GA, March 16-17, 2007. Lectures included "Post-operative care", "Epistaxis" and "Frontal sinus trephination."

81. **Schlosser RJ.** Course director, Sinus Master's Course for practitioners and residents (35 international participants) at MUSC, Charleston, SC, April 21-22, 2007. Lectures included "Basics of FESS", "CSF leaks and encephaloceles", and Laboratory Instructor.

82. **Schlosser RJ.** "ENT manifestations of rheumatologic diseases" SC Rheumatism Society Conference, Charleston, SC, May 5, 2007.

83. **Schlosser RJ.** "Avoiding lawsuits after FESS", Magnolia Conference, Charleston, SC, June 1, 2007.

84. **Schlosser RJ.** "Endoscopic resection of sinonasal/skull base neoplasms," American Academy of Otolaryngology – HNS Resident Workshop, Washington, DC, September 15, 2007.

84. **Schlosser RJ.** "Frontal sinus CSF leaks", American Academy of Otolaryngology – HNS Mini-Seminar, Washington, DC, September 17, 2007.

85. **Schlosser RJ.** "Evaluation and management of the sinus patient", Presentation to local physicians, Summerville, SC, September 20, 2007.

86. **Schlosser RJ.** “Evaluation and management of the sinus patient”, Presentation to local physicians, North Charleston, SC, September 24, 2007.

87. **Schlosser RJ.** “Latest treatments for chronic sinusitis.” Community presentation, Charleston, SC, September 25, 2007.

88. **Schlosser RJ.** “Allergic rhinitis, sinusitis and asthma: A look from above” Presentation to local physicians, Charleston, SC, September 26, 2007.

89. **Schlosser RJ.** “Evaluation and management of the sinus patient”, Presentation to local physicians, Mount Pleasant, SC, October 9, 2007.

90. **Schlosser RJ.** Guest faculty, University of Southern California, Advanced Endoscopic Sinus Surgery Course, Los Angeles, CA, January 5-6, 2008. Lectures included “CSF leaks and encephaloceles”, “Epistaxis”, and “Endoscopic resection of pituitary, clival and posterior fossa lesions”.