

Rodney J. Schlosser, MD
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PERSONAL

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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
City Volleyball League, 1992-95
Financial Aid Committee, 1993-95
Pediatric Cardiac Surgery Chart Reviewer, 1993-95
Grandma's Marathon, Duluth, MN, 1995

Residency: General Surgery Internship, University of Virginia, 1996-7
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.

American Rhinological Society Resident Research Grant - \$9,000, 1998.

Bristol Meyers Squibb Research Grant to investigate nasal adhesion/synechia in rabbit model - \$7,500, 1998.

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**.

AWARDS/COMMITTEES/SOCIETIES

Honor Award from AAO-HNS, 2003

Allergy/Immunology Committee, AAO-HNS, 2003-present

Skull Base Committee, AAO-HNS, 2003-present

Membership Committee, American Rhinologic Society, 2004-present

AMA, ARS, AAO-HNS, Triologic Society, AAOA, SC Medical Association

MUSC Otolaryngology Faculty Teaching Award, 2004

Delegate from American Association of Otolaryngic Allergy to Combined Otolaryngic Research Efforts Committee to evaluate annual grant applications

PUBLICATIONS

1. **Schlosser RJ**, Czaja JM, Yang B, McCaffrey TV. Signal transduction mechanisms in substance P mediated ciliostimulation. *Otolaryngology – Head and Neck Surgery* 1995;113:582-8.
2. **Schlosser RJ**, Franco RA, Czaja JM, McCaffrey TV. Modulation of ciliary beat frequency in the upper airway by prostaglandins. *American Journal of Rhinology* 1996;10:229-33.
3. Yang B, **Schlosser RJ**, McCaffrey TV. Dual signal transduction mechanisms modulate ciliostimulation. *American Journal of Physiology* 1996;270:L745-51.
4. Yang B, **Schlosser RJ**, McCaffrey TV. Signal transduction mechanisms in methacholine mediated ciliostimulation. *Annals of Otology, Rhinology, and Laryngology* 1997;106:230-6.
5. **Schlosser RJ**, Park SS. Surgery for the dysfunctional nasal valve: Cadaveric analysis and clinical outcomes. *Archives of Facial Plastic Surgery* 1999;1:105-110.

6. **Schlosser RJ**, Park SS. Functional nasal surgery. *Otolaryngology Clinics of North America* 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. *Operative Techniques in Otolaryngology – Head and Neck Surgery* 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. *American Journal of Rhinology* 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. *Otolaryngology – Head and Neck Surgery* 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. *Otolaryngology – Head and Neck Surgery* 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. *Current Opinions in Otolaryngology Head and Neck Surgery* 2002;10:36-39.
17. **Schlosser RJ**, Zachmann GC, Harrison SE, Gross CW. The endoscopic modified Lothrop: Long term follow-up on 44 patients. *American Journal of Rhinology* 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 Otolaryngology* 2002;31:22-30, Suppl 1.

20. **Schlosser RJ**, Gross CW, Kountakis SE. Skull base erosion by sphenoid mycetomas: Diagnosis and treatment. *American Journal of Rhinology* 2002;16:161-4.
21. **Schlosser RJ**, Faust RA, Phillips CD, Gross CW. Three-dimensional computed tomography of congenital nasal anomalies. *International Journal of Pediatric Otorhinolaryngology* 2002;65:125-31.
22. London SD, **Schlosser RJ**, Gross CW. Endoscopic management of benign sinonasal tumors: A decade of experience. *American Journal of Rhinology* 2002;16:221-7.
23. **Schlosser RJ**, Bolger WE. Traumatic cerebrospinal fluid rhinorrhea. *Operative Techniques in Otolaryngology – Head and Neck Surgery* 2002;13(4):302-8.
24. Gaiser RR, Demetry DJ, **Schlosser RJ**. Ventricular tachycardia as an electrocardiography artifact during functional endoscopic sinus surgery. *American Journal of Rhinology* 2003;17:83-85.
25. **Schlosser RJ**, Bolger WE. Spontaneous nasal encephaloceles and empty sella syndrome: A clinical association? *American Journal of Rhinology* 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. *American Journal of Rhinology* 2003;17:191-5.
28. **Schlosser RJ**, Bolger WE. Endoscopic transethmoid approach to the sphenoid. *Operative Techniques in Otolaryngology – Head and Neck Surgery* 2003;14(3):178-84.
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. *Otolaryngology – Head and Neck Surgery* 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. *Otolaryngology – Head and Neck Surgery* 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. *Otolaryngology – Head and Neck Surgery* 2004;131:585-9.
35. Woodworth BA, **Schlosser RJ**, Faust RA, Bolger WE. “Evolutions in management of congenital intranasal skull base defects.” *Archives of Otolaryngology – Head and Neck Surgery* 2004;130:1283-8.
36. **Schlosser RJ**, Bolger WE. Image-guided procedures of the skull base. *Otolaryngology Clinics of North America* (in press).
37. Moody MW, Chi DM, Mason JC, Phillips CD, Gross CW, **Schlosser RJ**. “Tornwaldt’s Cyst: Incidence and a Case Report.” *ENT Journal* (in press).
38. **Schlosser RJ**, Osguthorpe JD. Environmental control of upper respiratory allergy. *Otolaryngology – Head and Neck Surgery* (in press).
39. Day TA, **Schlosser RJ**, Gillespie MB, Woodworth BA, Sharma AK, Beas R, Barredo J, Stuart RK. Sinonasal Neoplasms. *Current Treatment Options in Oncology* (in press).
40. Papadea C, **Schlosser RJ**. Sensitive Detection of Beta-2 Transferrin in Cerebrospinal Fluid Leakage Using an Automated Immunofixation Electrophoresis Method. *Clinical Chemistry* (in press).
41. Stonebraker AC, **Schlosser RJ**. “Orbital volumetric analysis of allergic fungal sinusitis patients with proptosis before and after endoscopic sinus surgery.” *American Journal of Rhinology* (in press).
42. Woodworth BA, **Schlosser RJ**. Endoscopic repair of a congenital nasal encephalocele in a 23 month old infant. *International Journal of Pediatric Otorhinolaryngology* (in press).
43. **Schlosser RJ**, Maloney-Wilensky E, Grady MS, Bolger WE. Spontaneous cerebrospinal fluid (CSF) leaks: A variant of benign intracranial hypertension (BIH). *Annals of Otolaryngology* (submitted).
44. Woodworth BA, Smyth N, Spicer SS, Schulte BA, **Schlosser RJ**. Presence of surfactant lamellar bodies in normal and diseased sinus mucosa. *American Journal of Rhinology* (submitted).
45. Woodworth BA, **Schlosser RJ**, Palmer JN. Endoscopic repair of frontal sinus cerebrospinal fluid leaks. *Archives of Otolaryngology – Head and Neck Surgery* (submitted).
46. Silver RI, Moonis G, **Schlosser RJ**, Bolger WE, Loevner LA. Radiographic signs of elevated intracranial pressure in spontaneous CSF leaks. *AJNR* (submitted).

47. Woodworth BA, Meetze K, **Schlosser RJ**. Chronic rhinosinusitis in congenital craniofacial malformations. *International Journal of Pediatric Otorhinolaryngology* (submitted).

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* (2nd edition), 2002.
3. **Schlosser RJ**, Kennedy DW. Nasal endoscopy. In *Scott Brown's Otorhinolaryngology, Head and Neck Surgery* (7th edition), 2004.
4. Woodworth BA, **Schlosser RJ**. Frontal sinus CSF leaks. In *The Frontal Sinus*. Draf, Senior, Kountakis eds. Springer, to be published 2005.

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 E₂ 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. *European Journal of Allergy and Clinical Immunology (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 Rhinological Society, COSM, 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 Rhinological Society, COSM, 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, COSM, 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, COSM, Palm Desert, CA, May 14, 2001.
12. **Schlosser RJ**, Gross CW. "Evolution of frontal sinus surgery." Joint session of American Rhinologic Society/Triologic Society, COSM, 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, COSM, Boca Raton, FL, May 10, 2002.
15. **Schlosser RJ**. "Spontaneous CSF leaks." NC/SC Society of Otolaryngology and Head and Neck Surgery Meeting, Asheville, NC, July 26, 2002.
16. **Schlosser RJ**, Wilensky EM, Grady MS, Bolger WE. "Elevated intracranial pressures in spontaneous CSF leaks." American Rhinologic Society, San Diego, CA, September 21, 2002.
17. **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.
18. 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.
19. 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.
20. **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.
21. 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.
22. 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.
23. 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), September 19, 2004.
24. 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 September 21, 2004.

25. Neal J, Patel S, Osguthorpe JD, **Schlosser RJ**. “Evolution in trans-sphenoidal pituitary surgery.” American Rhinologic Society, Boca Raton, FL, May 14, 2005.

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 sponsored by BrainLAB, Hilton Head, SC, September 7, 2002.
20. **Schlosser RJ.** “Latest treatments for chronic sinusitis.” Community workshop at East Cooper Regional Medical Center, Mount Pleasant, SC, September 12 and 17, 2002.
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." Community presentations, Charleston, SC, November 19 and December 5, 2002.
27. **Schlosser RJ.** "Latest treatments for chronic sinusitis." Community presentations, Charleston, SC, January 27, 2003; February 4, 2003.
28. **Schlosser RJ.** "Latest treatments for chronic sinusitis." Presentation to community otolaryngologists, allergists, and infectious disease specialists, Greenville, SC, January 28, 2003.
29. **Schlosser RJ.** "Endoscopic sinus surgery." Presentation to OR nurses conference, March 4, 2003.
30. **Schlosser RJ.** "In-depth comparison of image-guided systems", "IGS: Lessons Learned", and "Use of IGS for skull base cases." Sinus Masters Course sponsored by BrainLAB, Kiawah Island, SC, March 7-8, 2003.
31. **Schlosser RJ.** Instructor at Penn International Rhinology Course. Philadelphia, PA, March 13-15, 2003.
32. **Schlosser RJ.** "Medical management of chronic rhinosinusitis." Carolina Course in Sinus Surgery and Facial Plastic Surgery. Chapel Hill, NC, April 11, 2003.
33. **Schlosser RJ.** "Latest treatments for chronic sinusitis." Community presentations, Mount Pleasant, SC, May 19 and 20, 2003.
34. **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.
35. **Schlosser RJ.** Hands-on instruction on IGS using BrainLAB system. Community otolaryngologists, Rock Hill, SC, June 30, 2003.
36. **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."
37. **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.

38. **Schlosser RJ**, Bolger WE. "Nasal encephaloceles and cerebrospinal fluid leaks." Instructional course American Academy of Otolaryngology – Head and Neck Surgery, Orlando, FL, Sept 21, 2003.
39. **Schlosser RJ**. "Five steps for FESS success." Columbia area otolaryngologists. Columbia, SC, October 28, 2003.
40. **Schlosser RJ**. "Keys to FESS success." Beaufort area otolaryngologists. Beaufort, SC, November 25, 2003.
41. **Schlosser RJ**. "Chronic sinusitis in cystic fibrosis patients." CF Education Day, Charleston, SC, December 6, 2003.
42. **Schlosser RJ**. "Sinus radiology: A surgeon's perspective." Department of Radiology, Grand Rounds, MUSC, Charleston, SC, December 11, 2003.
43. **Schlosser RJ**. "Keys to FESS success." Myrtle Beach area otolaryngologists. Murrell's Inlet, SC, February 18, 2004.
44. **Schlosser RJ**. "Endoscopic repair of encephaloceles and CSF leaks." Penn International Rhinology Course, Philadelphia, PA, March 11-13, 2004.
45. **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."
46. **Schlosser RJ**. "Latest treatments for chronic sinusitis." Community presentation, Charleston, SC, May 18, 2004.
47. **Schlosser RJ**. Panel participant, Channel 2 NBC expert panel on Allergies, Asthma, and Sinusitis, Charleston, SC, May 25, 2004.
48. **Schlosser RJ**. "Pre-operative planning for FESS." Magnolia Conference, Charleston, SC, June 5, 2004.
49. **Schlosser RJ**. "Surgical considerations in frontal sinus surgery." NC/SC Society of Otolaryngology, Asheville, NC, July 31, 2004.
50. **Schlosser RJ**. "Endoscopic frontal sinusotomy." Panel discussion, American Rhinologic Society, New York, NY, September 19, 2004.
51. **Schlosser RJ**. "Regional variations in end stage chronic rhinosinusitis." Panel discussion, American Rhinologic Society, New York, NY, September 20, 2004.

52. **Schlosser RJ**, Bolger WE. “Nasal encephaloceles and cerebrospinal fluid leaks.” Instructional course American Academy of Otolaryngology – Head and Neck Surgery, New York, NY, Sept 21, 2004.
53. **Schlosser RJ**. “Medical management of sinusitis.” Community presentation, Charleston, SC, Sept 28, 2004.
54. **Schlosser RJ**. “Medical management of sinusitis.” Presentation to Hilton Head area physicians, Hilton Head, SC, Nov 17, 2004.
55. **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.
56. **Schlosser RJ**. “Latest advancements in endoscopic sinus surgery and powered instrumentation.” Gyrus National Sales Meeting, January 21-22, 2005.
57. **Schlosser RJ**. “Medical management of sinusitis.” Presentation to community physicians, Charleston, SC, January 25, 2005.
58. **Schlosser RJ**. “ENT outreach in the Charleston area.” Invited speaker on Channel 2 news at noon, Charleston, SC, February 4, 2005.
59. **Schlosser RJ**. “Endoscopic skull base surgery.” Presentation to marketing and development executives, Medtronic-Xomed, Jacksonville, FL, February 11, 2005.
60. **Schlosser RJ**. “Endoscopic repair of encephaloceles and CSF leaks” and Laboratory instructor, Penn International Rhinology Course, Philadelphia, PA, March 10-12, 2005.
61. **Schlosser RJ**. Course director, Sinus Master’s Course for practitioners and residents, anticipating approximately 44 participants at MUSC, Charleston, SC, April 9-10, 2005.
62. **Schlosser RJ**. Invited faculty member and guest speaker, Southern States Sinus Course, Birmingham, AL, April 28-30, 2005.
63. **Schlosser RJ**. “Image guidance in endoscopic sinus surgery: State of the Art or Standard of Care?” Keynote address, First Annual Rhinologic Meeting, North Shore University Hospital – Long Island Jewish, Long Island, NY, May 23, 2005.
64. **Schlosser RJ**. Invited faculty member and guest speaker, Southern States Sinus Course, Savannah, GA, October 27-29, 2005.