

## **CURRICULUM VITAE**

**Mark Lawrence Silen, MD, MBA**

**Office address            745 SW Gaines Rd CDW-7  
Portland, OR 97239**

### **Education:**

**Bachelor of Arts, Biology  
University of Pennsylvania  
Philadelphia, Pennsylvania  
1976**

**Doctor of Medicine  
Harvard University  
Boston, Massachusetts  
1980**

**Intern, General Surgery  
The New York Hospital  
Cornell University Medical College  
New York, New York  
1980-1981**

**Resident, General Surgery  
The New York Hospital  
Cornell University Medical College  
New York, New York  
1981-1985**

**Clinical Fellow, Pediatric Surgery  
Babies Hospital  
Columbia University College of Physicians and Surgeons  
New York, New York  
1985-1987**

**Instructor and Research Fellow  
Department of Surgery  
Cornell University Medical College  
New York, New York  
1987-1989**

**Master of Business Administration, 1997  
Washington University  
John M. Olin School of Business  
Executive MBA Program**

**Education (continued)**

**St. Louis, Missouri**

**1997**  
**Beta Gamma Sigma National Scholastic Honorary in Business**  
**1997**

**Board certification:**

**Diplomate, National Board of Medical Examiners**

<b>June 13, 1978</b>	<b>Part I</b>
<b>September 25, 1979</b>	<b>Part II</b>
<b>March 4, 1981</b>	<b>Part III</b>

**Diplomate, American Board of Surgery**

**October 31, 1986**  
**October 20, 1995**  
**December 7, 2005**

**Special Qualifications in Pediatric Surgery, American Board of Surgery**

**April 20, 1990**  
**October 24, 1997**  
**October 2, 2007**

**Added Qualifications in Surgical Critical Care, American Board of Surgery**

**October 23, 1992**

**Recertification in General Surgery, American Board of Surgery**

**October 20, 1995**  
**January 4, 2006**

**Recertification in Pediatric Surgery, American Board of Surgery**

**October 24, 1997**

**Medical Licensure:**

<b>Oregon</b>	<b>(October 15, 1999)</b>
<b>Missouri</b>	<b>(March 12, 1992)</b>
<b>New York</b>	<b>(July 1, 1981)</b>
<b>Virginia</b>	<b>(March 31, 1989)</b>

**Current position and address:**

**Professor of Surgery and Pediatrics**  
**Chief, Division of Pediatric Surgery**

**Surgeon-in-Chief, Doernbecher Children's Hospital**  
**Medical Director, Pediatric Minimally Invasive Surgery and**  
**Pediatric Trauma (Legacy Emanuel Hospital)**  
**Oregon Health & Science University**  
**745 SW Gaines Road, CDW-7**  
**Portland, OR 97201 Telephone 503.494.7764 FAX 503.494.6467**  
**e-mail: silenm@ohsu.edu**

**Professional Experience:**

<b>1989-1992</b>	<b>Assistant Professor of Surgery and Pediatrics</b> <b>Division of Pediatric Surgery</b> <b>University of Virginia Health Sciences Center</b> <b>Charlottesville, Virginia</b>
<b>1992-1996</b>	<b>Assistant Professor of Surgery</b> <b>Department of Surgery</b> <b>Division of Pediatric Surgery</b> <b>St. Louis University Health Sciences Center</b> <b>St. Louis, Missouri</b>
<b>1996-1999</b>	<b>Associate Professor of Surgery</b> <b>Department of Surgery</b> <b>Division of Pediatric Surgery</b> <b>St. Louis University Health Sciences Center</b> <b>St. Louis, Missouri</b>
<b>1997-1999</b>	<b>Associate Professor of Surgery and Pediatrics</b> <b>Departments of Surgery and Pediatrics</b> <b>Division of Pediatric Surgery</b> <b>St. Louis University Health Sciences Center</b> <b>St. Louis, Missouri</b>
<b>1999-2000</b>	<b>Adjunct Professor of Surgery and Pediatrics</b> <b>Departments of Surgery and Pediatrics</b> <b>Division of Pediatric Surgery</b> <b>Oregon Health Science University</b> <b>Portland, Oregon</b>
<b>2000-present</b>	<b>Professor of Surgery and Pediatrics</b> <b>Departments of Surgery and Pediatrics</b> <b>Division of Pediatric Surgery</b> <b>Oregon Health Science University</b> <b>Portland, Oregon</b>

**Clinical Staff appointments:**

**July 1, 1989-May 31, 1992**

**University of Virginia Health Sciences Center**

**Charlottesville, Virginia**

**September 29, 1992-June 30, 1999**

**Cardinal Glennon Children's Hospital  
St. Louis University Health Sciences Center  
St. Louis, Missouri**

**September 4, 1992- June 30, 1999**

**St. Louis University Hospital  
St. Louis University Health Sciences Center  
St. Louis, Missouri**

**March 28, 1995- June 30, 1999**

**St. Joseph Hospital  
Kirkwood, Missouri**

**March 30, 1998- June 30, 1999**

**DePaul Hospital  
Bridgeton, Missouri**

**August 1, 1999-present**

**Oregon Health Sciences University  
Portland, Oregon**

**August 1, 1999-present**

**Emanuel Hospital  
Portland, Oregon**

**August 1, 1999-present**

**St. Vincent Hospital  
Portland, Oregon**

**July 22, 2002-present**

**Shriners Hospital  
Portland, Oregon**

**Professional Society Memberships:**

**American Academy of Pediatrics, Surgical Section (#159121)**

**Professional Society Memberships (continued):**

**American College of Physician Executives**

**American College of Surgeons (# 03001502)**

**American Pediatric Surgical Association**

**Association for Academic Surgery**

**Association of Pediatric Surgery Training Program Directors**

**International Federation of Surgical Colleges**

**International Society of Paediatric Surgical Oncology**

**Oregon Medical Association**

**Pediatric Surgery Biology Club**

**Society of American Gastrointestinal Endoscopic Surgeons**

**Society for Surgery of the Alimentary Tract**

**Southeastern Surgical Congress**

**Southern Medical Association**

**The New York Academy of Sciences**

**The Society of Laparoendoscopic Surgeons**

**Virginia Surgical Society**

**Professional Service:**

<b>1989-1996</b>	<b>Reviewer for the Archives of Surgery</b>
<b>1990-1992</b>	<b>Ethics Committee, University of Virginia</b>
<b>1990-1992</b>	<b>Clerkship Directors Committee Director of Third-year Surgery Clerkship University of Virginia</b>
<b>1993-1999</b>	<b>Operative and Invasive Procedures Committee Cardinal Glennon Children's Hospital</b>
<b>1993-1999</b>	<b>Credentials Committee Cardinal Glennon Children's Hospital</b>

**Professional Service(Continued):**

<b>1994-1999</b>	<b>Co-Principal Investigator (Surgery) Pediatric Oncology Group</b>
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**NCI Investigator # 23455**

- 1994-1999**                    **Surgical Care Review Committee  
Cardinal Glennon Children's Hospital**
- 1994-present**                **Instructor  
Advanced Trauma Life Support**
- 1995-present**                **Education Committee  
American Pediatric Surgical Association  
Chairman, 2000-present**
- 1995-present**                **Reviewer for the Journal of Pediatric Surgery**
- 1996-present**                **Editorial Board  
Archives of Surgery**
- 1995-1997**                    **Consultant to the Committee on Pediatric Surgery  
American Board of Surgery**
- 1997-2000**                    **Membership & Credentials Committee  
American Pediatric Surgical Association**
- 1997-present**                **EMBA Alumni Board  
John M. Olin School of Business  
Executive MBA Program  
Washington University**
- 1998-1999**                    **Communications Committee  
Cardinal Glennon Children's Hospital**
- 1998-1999**                    **Cost Containment Committee  
St. Louis University  
Health Sciences Center**
- 1998-2002**                    **Consultant to the Committee on Surgical Basic Science  
Section of the In-Training/Surgical Basic Science Examination  
American Board of Surgery**
- 1998-1999**                    **Search Committee for Chairman of Surgery  
St. Louis University  
Health Sciences Center**

**Professional Service (Continued):**

- 1998-present**                **Wilms Tumor Committee  
Pediatric Oncology Group**

<b>1998</b>	<b>Alternate Associate Examiner, American Board of Surgery Certifying Examination, Pediatric Surgery St. Louis, MO</b>
<b>1999</b>	<b>Patient Care Committee Cardinal Glennon Children's Hospital</b>
<b>1999-present</b>	<b>Executive Committee, Co-Chair Doernbecher Children's Hospital</b>
<b>1999-present</b>	<b>Executive Management Committee Doernbecher Children's Hospital</b>
<b>1999-present</b>	<b>Medical Staff Committee Doernbecher Children's Hospital</b>
<b>1999-present</b>	<b>Quality Assurance Committee Doernbecher Children's Hospital</b>
<b>1999-present</b>	<b>Surgical Service Chiefs Oregon Health Sciences University</b>
<b>1999-present</b>	<b>Operations Committee Doernbecher Children's Hospital</b>
<b>1999-present</b>	<b>Pediatric Surgical Specialists Marketing Committee Doernbecher Children's Hospital</b>
<b>1999</b>	<b>Managed Care and Capitation Committee University Medical Group Oregon Health Sciences University</b>
<b>2000-present</b>	<b>Finance and Funds Flow Committee Oregon Health Sciences University Medical Group</b>
<b>2000-present</b>	<b>Faculty Senate Oregon Health Sciences University</b>
<b>2000-present</b>	<b>Board of Directors University Medical Group Oregon Health Sciences University</b>

**Professional Service (Continued):**

<b>2000-present</b>	<b>Board of Directors Oregon Health Sciences University Medical Group</b>
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<b>2000</b>	<b>Associate Examiner, American Board of Surgery Certifying Examination, Pediatric Surgery Philadelphia, PA March 20, 2000</b>
<b>2000-2002</b>	<b>Ex-Officio Member, Program Committee American Pediatric Surgical Association</b>
<b>2000-2002</b>	<b>Chair, Education Committee American Pediatric Surgical Association</b>
<b>2001-2007</b>	<b>Editorial Board Pediatrics in Review</b>
<b>2001-present</b>	<b>Investment Committee University Medical Group Oregon Health Sciences University</b>
<b>2002-present</b>	<b>Chair, Investment Committee University Medical Group Oregon Health Sciences University</b>
<b>2002</b>	<b>Member Search Committee for Chair of Anesthesia at OHSU</b>
<b>2002-present</b>	<b>PALS Provider</b>
<b>2002-present</b>	<b>Member The Council of Healthcare Advisors</b>
<b>2005-present</b>	<b>Mentor Mentoring Program for Junior Faculty in Surgery American College of Surgeons</b>
<b>2005-present</b>	<b>Surgical Infection Prevention Committee Oregon Health Sciences University</b>
<b>2006-present</b>	<b>Chair Pediatric Gastro Intestinal Division Chief Search Committee</b>
<b>2006-present</b>	<b>Reviewer The World Journal of Surgery</b>

**Professional Service (Continued):**

<b>2006-present</b>	<b>OHSU School of Medicine/University Medical Group Interface Committee</b>
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**Publications:**

1. Fromm D, Silen M and Robertson R: Histamine effects on H<sup>+</sup> permeability by isolated gastric mucosa. *Gastroenterology*, 70(6):1076-1081, 1981.
2. Stolar CJH, Wiener ES, Hensle TW, Silen ML, Sukarochana K, Sieber WK, Goldstein HR and Pettit J: Reconstruction of penile agenesis by a posterior sagittal approach. *Journal of Pediatric Surgery*, 22(12):1076-1080, 1987.
3. Stolar C, Berdon W, Reyes C, Dillon P, Collins M, Wung J-t, Tracy T, Jr., Silen M and Altman RP: Right pneumonectomy syndrome: a lethal complication of lung resection in a newborn with cystic adenomatoid malformation. *Journal of Pediatric Surgery*, 23(12):1180-1183, 1988.
4. Silen ML, Firpo A, Francus T, Klein R and Lowry SF: The effect of Interleukin-1alpha and tumor Necrosis Factor alpha on the secretion of human chorionic gonadotropin by human choriocarcinoma cells. *Biochemical and Biophysical Research Communications*, 164(1):284-289, 1989.
5. Silen ML, Firpo A, Morgello S, Lowry SF, and Francus T: Interleukin-1 alpha and tumor necrosis factor alpha cause placental injury in the rat. *American Journal of Pathology*, 135(2):239-244, 1989.
6. Silen ML, Hesse DG, Felsen D, Moldawer LL, Calvano SE, Seniuk S, Cerami A and Lowry SF: Cachectin/tumor necrosis factor production by fetal and newborn rat hepatic macrophages. *Journal of Pediatric Surgery*, 24(1):34-38, 1989.
7. Moldawer LL, Marano MA, Wei H, Fong Y, Silen ML, Kuo G, Manogue KR, Vlassara H, Cohen H, Cerami A, Lowry SF: Cachectin/tumor necrosis factor-alpha alters red blood cell kinetics and induces anemia in vivo. *FASEB Journal*, 3:1637-1643, 1989.
8. Waldhausen JHT, Rodgers BM, Silen ML: Pediatric intrathoracic lipomata. *Pediatric Surgery International*, 8:248-250, 1993.
9. Kern JA, Daniel TM, Silen ML, Rodgers BM: Thoracoscopic diagnosis and treatment of mediastinal masses. *Annals of Thoracic Surgery*, 56:92-96, 1993.
10. Silen ML, Gardner JD: Gastrointestinal peptides and cancer. *Trends in Endocrinology and Metabolism*, 4:131-135, 1993.
11. Alford BA, McIlhenny J, Jones JE, Sutton CL, Silen M, Rodgers BM, McKinney CD: Asymmetric radiographic findings in the pediatric chest: Approach to early diagnosis. *Radiographics*, 13:77-93, 1993.
12. Silen M, Tracy TF, Jr.: The Right Lower Quadrant Revisited. *Pediatric Clinics of North America*, 40:1201-1211, 1993.

13. Tracy TF, Jr., Bailey PV, Sadiq F, Noguchi A, Silen ML, Weber TR: Predictive capabilities of preoperative and postoperative pulmonary function tests in delayed repair of congenital diaphragmatic hernia. Journal of Pediatric Surgery, 29:265-270, 1994.
14. Weber TR, Tracy, TF, Jr., Silen ML, Powell MA: Enterostomy and its closure in newborns. Archives of Surgery, 130:534-537, 1995.
15. Silen ML, Weber TR: Thoracoscopic debridement of loculated empyema thoracis in children. Annals of Thoracic Surgery, 59:1166-1168, 1995.
16. Silen ML, Canvasser DA, Kurkchubasche AG, Andrus CH, Naunheim KS: Video-assisted thoracic surgical repair of a foramen of Bochdalek hernia. Annals of Thoracic Surgery, 60:448-450, 1995.
17. Silen ML, Weber TR: Management of thoracic duct injury associated with fracture-dislocation of the spine following blunt trauma. Journal of Trauma, 39:1185-1187, 1995.
18. Tracy TF, Jr., Silen ML, Graham MA: Delayed rupture of the abdominal aorta in a child following a suspected handlebar injury. Journal of Trauma, 40:119-120, 1996.
19. Fortuna R, Weber TR, Tracy TF, Silen ML, Cradock TV: Critical analysis of the operative treatment of Hirschsprung's disease. Archives of Surgery, 131:520-525, 1996.
20. Silen ML, Naunheim KS. Thoracoscopic approach to the management of empyema thoracis: indications and results. Chest Surgery Clinics of North America, 6:491-499, 1996.
21. Kurkchubasche AG, Fendya DG, Tracy TF Jr., Silen ML, Weber TR. Blunt intestinal injury in children: diagnostic and therapeutic considerations. Archives of Surgery, 132:652-658, 1997.
22. Weber TR, Kountzman B, Dillon PA, Silen ML. Improved survival in congenital diaphragmatic hernia with evolving therapeutic strategies. Archives of Surgery, 133:498-503, 1998.
23. Kokoska ER, Silen ML, Tracy TFF, Jr., Dillon PA, Cradock TV, Weber TR. Perforated appendicitis in children: risk factors for the development of complications. Surgery, 124:619-626, 1998.
24. Silen ML. I will never forget... Archives of Surgery, 133:1023, 1998.
25. Kokoska ER, Gabriel KR, Silen ML. Minimally invasive anterior spinal exposure and release in children with scoliosis. Journal of Laparoendoscopic Surgery, 2:255-258, 1998.

26. Padda GS, Cruz OA, Silen ML, Krock JL. Skin conductance responses in pediatric Harlequin Syndrome. Paediatric Anaesthesia, 9:159-162, 1999.
27. Silen ML, Kokoska ER, Fendya DG, Kurkchubasche AG, Weber TR, Tracy TF, Jr. Rollover injuries in residential driveways: age-related patterns of injury. Pediatrics, 104:e7-10, 1999.
28. Wolff AB, Silen ML, Kokoska ER, Rodgers BM. Treatment of refractory chylothorax with externalized pleuroperitoneal shunts in children. Annals of Thoracic Surgery, 68:1053-1057, 1999.
29. Kokoska ER, Silen ML, Tracy TF, Jr., Dillon PA, Kennedy DJ, Craddock TV, Weber TR. The impact of intraoperative cultures on treatment and outcome in children with perforated appendicitis. Journal of Pediatric Surgery, 34:749-753, 1999.
30. Silen ML, Tomita SS. Spontaneous pneumothorax from apical pulmonary blebs. Journal of the American College of Surgeons, 189:334, 1999.
31. Weber TR, Fortuna RS, Silen ML, Dillon PA. Reoperation for Hirschsprung's disease. Journal of Pediatric Surgery, 34:153-6, 1999.
32. Kokoska ER, Murayama KM, Silen ML, Miller TA, Dillon PA, Weber TR. A statewide evaluation of appendectomy in children. American Journal of Surgery, 178:537-40, 1999.
33. Silen, ML. Capitation and Managed Care: Insurers, physicians, patients and the Hippocratic Oath. The Doernbecher Journal, 6:30-32, 2000.
34. Kokoska ER, Minkes RK, Silen ML, Langer JC, Tracy TF Jr, Snyder CL, Dillon PA, Weber TR. Effect of pediatric surgical practice on the treatment of children with appendicitis. Pediatrics, 107: 1298-1301, 2001.
35. Bliss D, Silen M. Pediatric thoracic trauma. Critical Care Medicine 30(11 Suppl): S409-15, 2002.
36. Rizvi AZ, Kaufman JA, Smith P, Silen ML. Solitary arteriovenous malformation of the small intestine. Journal of the American College of Surgeons. 200(5), 808-809, 2005.
37. Zallen GS, Bliss DW, Curran TJ, Harrison MW, Silen ML. Biliary Atresia. Pediatrics in Review. 2006 Jul;27(7): 243-247.

#### Invited Commentary:

1. Silen M. Invited Commentary. Mezzetti M, Dell'Agnola CA, Bedoni M, Cappelli R, Fumagalli F, Panigalli T. Video-assisted thoracoscopic resection of pulmonary

**sequestration in an infant. Annals of Thoracic Surgery, 61:1836-8, 1996.**

2. Silen M. Invited Commentary. Gore DC et al. Influence of fever on the hypermetabolic response in burn-injured children. Archives of Surgery. 138:169-174, 2003.

#### Book Contributions:

1. Silen ML: Cytokines in pediatric infection and disease. In: **Infections and Immunologic Disorders in Pediatric Surgery.** Fonkalsrud EW and Krummel T, eds. W.B. Saunders, 1993.

#### Book Contributions (continued):

2. Weber TR, Tracy TF, Jr., Silen ML: The diaphragm: developmental, traumatic and neoplastic disorders. In: **Glenn's Thoracic and Cardiovascular Surgery,** Baue AE, Geha AS, Hammond GL, Laks H, Naunheim KS, eds. Appleton & Lange, 1996.
3. Tracy T, Jr., Silen ML, Weber TR: Newborn Surgical Disorders that Affect Respiratory Care. In: **Perinatal and Pediatric Respiratory Care.** Barnhart SL, Benham DG and Warren RH, eds. W.B. Saunders, 1995.
4. Kokoska ER, Dillon PA, Silen ML: Pediatric Minimally Invasive Cardiothoracic Surgery. In: **Minimal Access Cardiothoracic Surgery.** Yim AP, Hazelrigg SR, Izzat B, Landreneau RJ, Mack M and Naunheim KS, eds. W.B. Saunders, 1999.
5. Silen ML: Adrenal Tumors. In: **Operative Pediatric Surgery.** Ziegler MM, Azizkhan RG, Weber TR, eds. McGraw-Hill Companies, Inc., 2003.
6. Seltman AK, Smithers CJ, Silen ML: General Surgical Interventions and Techniques. In: **Pediatrics.** Osborn LM, DeWitt TG, First LR, Zenel JA, eds. Elsevier Mosby, 2005.

#### Abstracts, Presentations, Courses:

1. Moldawer LL, Sherry BE, Marano MA, Fong Y, Wei H, Silen ML, Tracey KJ, Keough C, Cerami A and Lowry SF: **Anticachectin antibodies attenuate the carcass lipid depletion in mice bearing Lewis lung carcinoma.** Surgical Forum 39:429-431, 1988.
2. Hesse DG, Silen ML, Felsen D, Moldawer LL, Davatellis GN, Cerami A, Lowry SF and Vaughan ED: **Local renal cachectin/tumor necrosis factor production is associated with acute renal pathology in chronic endotoxemia.** Surgical Forum 39:680-682, 1988.

#### Abstracts, Presentations, Courses (continued):

3. Silen ML, Hesse DG, Felsen D, Moldawer LL, Cerami A and Lowry SF: In vitro secretion of tumor necrosis factor by endotoxin-stimulated newborn rat hepatic macrophages is reduced in comparison to adults. Surgical Forum 39:575-577, 1988.
4. Silen ML, Ramm LE, Fortune KP, Padfield PJ, Gardner JD. CHP212 Neuroblastoma Cells: A Unique System for Characterizing Cholecystokinin<sub>A</sub> (CCK<sub>A</sub>) Receptors in Neural Tissues. American Gastroenterological Association, New Orleans, LA, May, 1994.
5. Silen ML, Ramm LE, Fortune KP, Padfield PJ, Gardner JD. Cholecystokinin (CCK) Induces Its Own Very Low Affinity Receptor State in CHP212 Neuroblastoma Cells: A Mechanism for CCK To Attenuate Its Own Actions. American Gastroenterological Association, New Orleans, LA, May, 1994.
6. Talkad VD, Fortune KP, Silen ML, Gardner JD. Identification of State-Specific Antagonists for the Cholecystokinin (CCK) Receptor. VD Talkad, KP Fortune, ML Silen, JD Gardner, American Gastroenterological Association, New Orleans, LA, 1994.
7. "The New Basic Science." Presented at The American College of Surgeons. Postgraduate Course "Pediatric Surgery: Critical Care", Chicago, 1994.
8. "Vehicular Trauma in Residential Driveways: Is It Preventable?" Presented at The First European Congress of Paediatric Surgery, Graz, Austria, 1995.
9. "Externalized Shunts in the Management of Chylous Effusions." Presented at The Annual Congress of the British Association of Paediatric Surgeons, Sheffield, England, 1995.
10. "Video-assisted Thoracic Surgical Repair of a Foramen of Bochdalek Hernia." Presented at The American College of Surgeons Thoracic Surgery Film Session, New Orleans, 1995.
11. "The Impact of intraoperative culture on treatment and outcome in children with perforated appendicitis." Presented at the Surgical Section of the American Academy of Pediatrics, San Francisco, 1998.
12. "Video-assisted Thoracic Surgical Repair of a Foramen of Bochdalek Hernia." Presented at The American College of Surgeons Clinical Film Session, Orlando Florida, 1998.
13. Treatment of refractory chylothorax with externalized pleuroperitoneal shunts in children. Presented at the Southern Thoracic Surgical Association, Orlando, Florida, 1998.
14. Thoracic Trauma. Presented at the Midwest Pediatric and Trauma Conference, St. Louis, Missouri, 1998.

Abstracts, Presentations, Courses (continued):

15. **Faculty, Minimally Invasive Spine Surgery, The American Academy of Orthopedic Surgeons, St. Louis, MO, April 9-11, 1999.**
16. **Participant, Advanced Minimal Access Pediatric Surgery Workshop II, University of California at Los Angeles, May 14-15, 1999.**
17. **Gastroesophageal Reflux Disease, Pediatric Grand Rounds, Medford, Oregon, October, 1999.**
18. **Pilonidal Disease. Children's Surgical Problems in the Primary Physician's Office – Recognition and Referral-, Oregon Health Sciences University, Portland, Oregon, October 16, 1999.**
19. **Wilms' Tumor: Past, Present and Future. Salem Hospital Pediatric Grand Rounds, November, 1999.**
20. **The Acute Abdomen. Lecture to the Department of Emergency Medicine, Oregon Health Sciences University, Portland, OR, February, 22, 2000.**
21. **Wilms' Tumor: Past, Present and Future. Pediatric Grand Rounds, OHSU, May 2000.**
22. **Gastrointestinal Tract Development. Lecture to the first year class as part of Gross Anatomy, Embryology and Imaging, OHSU, October 2, 2000.**
23. **Congenital Diaphragmatic Hernia and ECMO. International Surgical Group, Portland, OR, October 19, 2000.**
24. **Participant in panel on how to look for a job in pediatric surgery. Annual Pediatric Surgery Residents Conference, Chicago, IL, October 27, 2000.**
25. **Appendicitis: Past, Present and Future. Department of Surgery Grand Rounds, OHSU, Portland, OR, November 27, 2000.**
26. **Attendee at Practicing Medicine in a Changing Environment: Patient Safety, Medical Malpractice, Risk Management and Communication. Presented by The Foundation for Medical Excellence. Portland, Oregon, December 1, 2000.**
27. **Pediatric Trauma. First Annual Primary and Acute Care Pediatrics Course, OHSU, Portland, OR, December 2, 2000.**
28. **Pediatric Trauma. Emergency Medical Services for Children (EMSC) Conference, Keizer, Oregon, June 2, 2001.**

