

Date: March 2008

**UNIVERSITY OF KANSAS SCHOOL OF MEDICINE**  
**FACULTY CURRICULUM VITAE**

PERSONAL DATA

Name: **Daniel E. Bruegger, M.D.**  
Current Academic Rank: Associate Professor with Tenure  
Department(s): Otolaryngology

PROFESSIONAL DEVELOPMENT

Undergraduate and Graduate Education

<u>Years (Inclusive)</u>	<u>Degree</u>	<u>Institution</u>
1978-1982	B.A. Biology, with highest distinction	University of Kansas
1982-1986	M.D.	University of Kansas

Postgraduate Education:

<u>Years (Inclusive)</u>	<u>Area of Study</u>	<u>Institution</u>
1986-1987	Internship-General Surgery	St. Luke's Hospital Kansas City, Missouri
1987-1991	Residency-Otolaryngology	University of Kansas School of Medicine Kansas City, Kansas
June 1991	Externship	Los Angeles Children's Hospital --Had privileges and developed surgical and clinical skills in pediatric endoscopy and airway work under the direction of Dr. Dennis Crockett.
June 1992	Visiting Faculty	University of Iowa --Observed and worked with Dr. Richard Smith for one week. Developed skills in open airway reconstruction in children.
February 1994	Visiting Faculty	Cincinnati Children's Hospital --Spent one week observing the techniques of laryngotracheoplasty by Dr. Robin Cotton.

Academic and Other Professional Appointments and Activities. (List in chronological order. Please explain any discontinuity in your professional experience)

<u>Month and Year</u>	<u>Position</u>	<u>Institution</u>
June 1991-June 1997	Assistant Professor	University of Kansas Medical Center Otolaryngology Head & Neck Surgery Kansas City, Kansas
June 1991-July 1996	Assistant Professor	Veteran's Administration Medical Center Otolaryngology Head & Neck Surgery Kansas City, Missouri
April 1996-March 1997	Staff Otolaryngologist	Children's Mercy Hospital Kansas City, Missouri
March 1997-present	Chief of Otolaryngology	Children's Mercy Hospital Kansas City, Missouri
July 1997-present	Associate Professor with Tenure	University of Kansas Medical Center Otolaryngology Head & Neck Surgery Kansas City, Kansas
July 1998-present	Vice Chairman for Clinical Affairs	University of Kansas Medical Center Otolaryngology Head & Neck Surgery Kansas City, Kansas

## Professional Certification(s):

<u>Date</u>	<u>Board</u>
July 1, 1987	National Board of Medical Examiners
April 7, 1992	American Board of Otolaryngology

## Professional Societies and Affiliations:

<u>Year</u>	<u>Organization (including offices held)</u>
1982-present	American Medical Association Member
1984-present	Kansas Medical Society Member
1986-present	University of Kansas Medical Alumni Association Co-Chairman, 10-year class reunion
1987-present	American Academy of Otolaryngology Head & Neck Surgery Member
1992-present	American Board of Otolaryngology Fellow
1992-present	Kansas City Society of Ophthalmology & Otolaryngology Member
1994-present	American Academy of Otolaryngology Head & Neck Surgery Board of Governors

Honors and Awards: (honorary societies, research awards, teaching awards etc.)

	<u>Year</u>	<u>Award</u>
High School:	1978	National Merit Finalist High School Valedictorian Winner of the Thomas More Prep Medal of Excellence (highest award given to graduating senior) Student Body President Kansas Scholar by the Kansas University Alumni Association American Legion Boy's State Delegate
Undergraduate:	1978-1982	Solon E. Summerfield Scholar
	1978-1982	W. Harold Otto National Merit Scholar
	1978-1979	Freshman Class Vice President
	1978-1980	Lambda Sigma
	1978-1982	Dane G. Hansen Foundation Leader of Tomorrow Scholarship
	1980-1981	Owl Society
	1981-1982	Omicron Delta Kappa, President
	1981-1982	Mortar Board
		Graduated with Highest Distinction and Departmental Honors
	1982	Phi Kappa Phi
Graduate:	1985	Alpha Omega Alpha Honor Society
	1985	University of Kansas School of Medicine (Top 10% of Class)
Postgraduate:	1994 - present	Kansas Medical Society Representative to the Board of Governors of the American Academy of Otolaryngology Head and Neck Surgery

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## TEACHING ACTIVITIES

### Brief statement of areas of teaching interest

My main area of teaching interest is imparting the art of medicine to residents and medical students. It is easy for them to become immersed in the science of medicine and to forget the fact that we treat people and not diseases. The best classroom for this is obviously the clinics and operating rooms where we treat our patients.

### Didactic (e.g.: lectures and formal presentations)

<u>Academic Year</u>	<u>Course</u>	<u>Title</u>	<u>Instruction</u>		<u>Student</u>	
			<u>Type</u>	<u>Hours</u>	<u>No</u>	<u>Type</u>
95-present	KU Peds	Sinusitis	Grand Rounds	1 Hr	50	Med Student/Resident
95-present	KU Peds	Pediatric Neck Mass	Grand Rounds	1.5 Hrs	50	Med Student/Resident

97-present	CMH	Subglottic Stenosis	Lecture	1 Hr	15	Med Student/Resident
97-present	CMH	Pediatric Neck Mass	Grand Rounds	1 Hr	50	Med Student/Resident
97-present	Otolaryngology	Otitis Media	Lecture	1 Hr	10	Med Student/Resident
98-present	Otolaryngology	Cystic Fibrosis	Lecture	1 Hr	10	Med Student/Resident

## Nondidactic (e.g.: workshops, labs and discussion groups)

<u>Academic Year</u>	<u>Course</u>	<u>Title</u>	<u>Instruction</u>		<u>Student</u>	
			<u>Type</u>	<u>Hours</u>	<u>No</u>	<u>Type</u>
97-present	Cummings Readings		discussion group	1 Hr	8	Residents
97-present	Journal Club		discussion group	2 Hrs	8	Residents
97-present	Oral Boards		discussion group	2 Hrs	8	Residents
99-present	Bailey's Readings		discussion group	2 Hrs	8	Residents

## Clinical

<u>Year</u>	<u>Hours</u>	<u>Student</u>		<u>Length of Service</u>
		<u>No</u>	<u>Type</u>	

The bulk of my teaching occurs in the clinical setting. This occurs at Children's Mercy Hospital three days a week and at Kansas University Medical Center two days a week. At Children's Mercy Hospital, I see patients in the outpatient clinic for half a day and then operate the other half day. During these times, an otolaryngology resident is usually in attendance. We also have pediatric residents and family medicine residents that rotate with us. We also have medical students from both Kansas University and University of Missouri at Kansas City that participate in clinical rotations at Children's Mercy. At Kansas University Medical Center, I operate one full day a week and see

patients the other full day, again during these times otolaryngology residents are in attendance and participating in the surgeries and clinical care of the patients. During the outpatient clinic, I usually have at least one or two family medicine or pediatric residents in attendance. We also have several medical students on our service at any one time who participate in both the operating room and clinical settings.

## Master's and PhD. theses directed

<u>Year</u>	<u>Student Name</u>	<u>Thesis title</u>	<u>Degree (Completed /In process)</u>
None			

## Supervision of Postdoctoral fellows

Year                      Fellow Name                                      Area of Study

None

Advising (Thesis committee/student academic group/individual)

Date                      Student or group name                                      Type of Student/group

None

Educational materials (films, educational tapes, syllabi, educational Software packages, courses developed, Web courses)

Year                      Title Description                                      Intended Audience

Subglottic Stenosis: Etiology and Treatment. Bruegger, Daniel. Audio Digest, 6/92, 25(11).

Sinusitis in Cystic Fibrosis. Bruegger, Daniel. Audio Digest, 10/94, 27(20).

Standard Surgical and Endoscopic Approach to Anterior Skull Base Tumors. Hoover, Larry, Bruegger, Daniel, O'Boynick, Paul. Video selected for consideration as a permanent addition to the American College of Surgeons Library, Oct 1997.

Other teaching activities

<u>Date</u>	<u>Title</u>	<u>Place</u>	<u>Teaching function</u>
11/4/1997	Otitis Media and Sinusitis in the Young Child	Overland Park, KS	Presented to the Greater Kansas City Chapter of the National Association of Pediatric Nurse Associates and Practitioners for Continuing Education
4/20/1999	Common ENT Problems	National Family Practice Board Review, Kansas City, MO	1½ hour workshop presented during the Annual FP Board Review
4/12/2000	Common ENT Problems	National Family Practice Board Review, Kansas City, MO	1½ hour workshop presented during the Annual FP Board Review
4/25/2001	Common ENT Problems	National Family Practice Board Review, Kansas City, MO	1½ hour workshop presented during the Annual FP Board Review
5/1&3/2002	Common ENT Problems	National Family Practice Board Review, Kansas City, MO	1½ hour workshop presented during the Annual FP Board Review

**Research and Scholarly Activities:**

## Brief statement of areas of research interest and current projects underway:

I have an interest in laryngeal papillomas and have a large pediatric population of patients suffering from this. We have done several projects in the past regarding this. Currently, we are looking at the effects of cyclooxygenase in the growth of papillomas. We are considering a project with adult patients and the effect of using cyclooxygenase inhibitors and its effect on the growth of papillomas.

Grant and contract support: (Information must include whether the nominee is the principal investigator or a co-investigator, names of all investigators, title of grant, funding source, dollar amount in direct costs, and years during which grant applies. Please describe in sufficient detail your contribution as co-investigator.)

<u>Principal Investigator</u>	<u>Investigators</u>	<u>Title of Grant</u>	<u>Funding Source</u>	<u>Direct Costs</u>	<u>Years</u>	<u>Status</u>
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		“Characterization of Human Papilloma Virus (HPV) in Airway Papilloma by Histological and Biochemical Analysis.” Matt Glynn, Tom Sanford, Larry Hoover, William Kinsey, Larry Dobbs and Daniel Bruegger.	Source: G.O. Proud Research Foundation Grant.	Amount: \$5500.	10/27/1997	
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Full length, peer-reviewed articles in scientific journals: (Provide names of all authors, year, title, journal, volume, and inclusive pages. List in chronological order.)

## Articles already published:

Edmonds J, **Bruegger D**, Girod D, Woodruff J. Third Branchial Anomalies: Avoiding Recurrences. Archives of Otolaryngology-Head and Neck Surgery, Vol. 123, pp 438-441, April 1997.

Nuckols DA, Tsue TT, Woodroof JM, **Bruegger DE**, Hoover LA. Elderly Man Presenting With Asymptomatic Hypercalcemia. American Journal of Otolaryngology, Vol. 19, No. 5, pp 311-315, September-October 1998.

Robinson AB, Das SK, **Bruegger DE**, Hoover LA, Sanford TR. Characterization of Cyclooxygenase in Laryngeal Papilloma by Molecular Techniques. Laryngoscope, Vol. 109, pp 1137-1141, July 1999.

Glynn M, Sanford T, Hoover L, Kinsey W, Dobbs L, **Bruegger D**. Characterization of Human Papilloma Virus (HPV) in Airway Papillomas by Histologic and Biochemical Analysis. Annals of Otolaryngology, Rhinology & Laryngology, Vol. 108, No. 11, pp 1073-1077, November 1999.

Werle A, Nicklaus P, **Bruegger D**, Kirse D: A retrospective study of tonsillectomy in the under 2-year-old child. International Journal of Pediatric Otolaryngology, Vol 67, No. 5, pp 453-460, May 2003.

Manuscripts in press: (Provide names of all authors, title, journal, and **photocopy of manuscript and letter of acceptance from journal editor.**)

Werle A, Kirse DJ, Nicklaus P, **Bruegger D**: "Tonsillectomy in the under two year old patient- Peri-operative management issues."

\*manuscript accepted for publication in Int J Ped Otolaryngol

Kirse DJ, Werle A, Eyen T, **Bruegger D**, Hornig G, Murphy JV, Torkelson R: "Vagus Nerve Stimulator Implantation in Children."

\*manuscript accepted for publication in Arch Otolaryngol Head Neck

Manuscripts submitted but not yet accepted: (Provide names of all authors, title, journal, and **photocopy and letter acknowledging receipt of manuscript by journal.**)

Kirse DJ, **Bruegger D**, Janecka IP: "Cranial Fasciitis of Childhood."

\*manuscript in preparation

DeWitt A, Kirse DJ, Nicklaus P, **Bruegger D**: "Invasive fungal sinonasal infections in children."

\*manuscript in preparation

Rouse D, Kirse DJ, **Bruegger D**, Zwick D: "Cervical Esophageal Duplication Cyst Causing Airway Obstruction in an Infant."

\*manuscript in preparation

Invited or non-peer-reviewed articles or reviews: (Provide names of all authors, year, title, journal, volume, and pages. If in press, provide documentation.)

Books and book chapters: (Provide names of all authors, year, book title, chapter title, edition, publisher, and pages. If in press, provide documentation.)

**Bruegger D**, Hoover LA. Hyperparathyroidism. In Gates G (Ed.), 6<sup>th</sup> ed. Current Therapy in Otolaryngology - Head and Neck Surgery, pp 307-311, Mosby, St. Louis, 1998.

Published abstracts: (Provide names of all authors, year, title, where published, volume, and pages.)

Ardinger, Holly, **Bruegger, Daniel**, Lin, Angela: Tongue Abnormalities in Smith - Lemli-Opitz Syndrome: Proceedings of the Greenwood Genetics Center, Volume 15, pp 168-169, 1996. (Appendix 4)

Weatherstone KB, Finley B, **Bruegger D**, Kirse D, Shih G: Antenatal Detection, Perinatal Management and Neonatal Outcome in a Fetus with Giant Neck Mass, Delivered Using the *EXIT* Procedure. Pediatric Research 45(4):1367 part 2 of 2, April 1999.

WerleAH, KirseDJ, NicklausPJ, **BrueggerDE**: Tonsillectomy in the Under Two Year Old Child: Indications, Complications, and Outcomes. The Sixteenth Annual Meeting of the American Society of Pediatric Otolaryngology, Scottsdale, Arizona, May 10, 2001.

KirseDJ, WerleAH, EyenT, **BrueggerDE**, HornigG, MurphyJV, TorkelsonRD:  
Vagus Nerve Stimulator Implantation in Children. The Sixteenth Annual Meeting  
of the American Society of Pediatric Otolaryngology, Scottsdale, Arizona, May 10, 2001.

Oral paper presentations: (Provide names of all authors, title, sponsoring organization, and location and date of presentation.)

Scientific papers presented at national and international meetings:

“The Sternocleidomastoid Muscle Flap Reconstruction in the Head and Neck.” Regehr, Randy, Hoover, Larry, **Bruegger, Daniel**. Presented at the Western Section of the Triologic Society, Scottsdale, AZ, January, 1995.

“Third Branchial Anomalies: Avoiding Recurrences.” Edmonds, Joseph, **Bruegger, Daniel**, Girod, Douglas. Presented at the American Society of Pediatric Otolaryngology, Durango, CO, May, 1995.

“Characterization of Cyclooxygenase in Laryngeal Papilloma by Molecular Techniques.” Robinson AB, Das SK, **Bruegger DE**, Hoover LA, Sanford TR. Presented at the Middle Section of the Triologic Society, Detroit, MI, January, 1996.

“Characterization of Human Papilloma Virus in Airway Papillomas by Polymerase Chain Reaction Pre-Laser and Post-Laser Therapy.” Glynn, M., Sanford, Thomas, Hoover, Larry, Kinsey, William, Dobbs, L, **Bruegger, Daniel**. Presented at the Middle Section of the Triologic Society, Detroit, Michigan, February, 1996.

“Standard Surgical and Endoscopic Approach to Anterior Skull Base Tumors”. Hoover, Larry, **Bruegger, Daniel**, O’Boynick, Paul. American College of Surgeons Clinical Congress, Oct 15, 1997.

“Cranial Fasciitis of Childhood.” Kise DJ, **Bruegger D**, Janecka IP. Presented at the Society of Pediatric Otolaryngology, Palm Beach, Florida, May, 1998.

KirseDJ, WerleAH, EyenT, **BrueggerDE**, HornigG, MurphyJV, TorkelsonRD:  
Vagus Nerve Stimulator Implantation in Children. The Sixteenth Annual Meeting  
of the American Society of Pediatric Otolaryngology, Scottsdale, Arizona, May 10, 2001.

WerleAH, KirseDJ, NicklausPJ, **BrueggerDE**: Tonsillectomy in the Under Two  
Year Old Child: Indications, Complications, and Outcomes. The Sixteenth Annual  
Meeting of the American Society of Pediatric Otolaryngology, Scottsdale, Arizona,  
May 10, 2001.

DeWitt A, Kirse DJ, Nicklaus P, **Bruegger D**, Hetherington M, Jackson MA: “Invasive  
sinonasal fungal infections in children” American Society of Pediatric Otolaryngology,  
Boca Raton, FL. May, 2002.

Celmer A, Kirse D, **Bruegger D**: Management of Congenital Saccular Cysts: the Endoscopic  
Extended Ventriculostomy. The Seventeenth Annual Meeting of the American Society of

Scientific papers presented at local and regional meetings:

“Sinusitis and Cystic Fibrosis.” Presented at the Kansas City Society of Ophthalmology and Otolaryngology Annual Meeting, Kansas City, Missouri, December, 1993.

“Third Branchial Anomalies: Avoiding Recurrences.” Edmonds, Joseph, **Bruegger, Daniel**, Girod, Douglas: Presented at the Kansas Chapter of the American College of Surgeons Meeting, Wichita, Kansas, September, 1995.

**Bruegger D.** “Bells and Whistles – Technology in Pediatric Otolaryngology”, Clinical Advances in Pediatrics, Kansas City, MO. December 16, 2005.

**Bruegger D.** “Vagal Nerve Stimulator Implantation” Kansas City Society of Ophthalmology and Otolaryngology Annual Clinical Conference, Kansas City, MO. January 6, 2006.

Poster presentations: (Provide names of all authors, title, sponsoring organization, and location and date of presentation.)

Poster presentations at national and international meetings:

Ardinger, Holly, **Bruegger, Daniel**, Lin, Angela. Tongue Abnormalities in Smith-Lemli-Ositz Syndrome. Poster presented at the David Smith Workshop on Malformations and Morphogenesis, Big Sky, Montana, July 1995.

Poster presentations at local and regional meetings:

Invited seminars at other universities: (Provide title, sponsoring organization or institution, and date of presentation.)  
Other evidence of scholarly activities

“Current Therapy of Sinusitis in Cystic Fibrosis.” **Bruegger, Daniel.** Presented at Cincinnati Children’s Hospital Department of Otolaryngology Grand Rounds, February 1994.

“Case Discussions in E.N.T.” **Bruegger, Daniel**, Hoover, Larry, Shaw, Gary. Presented at the American Academy of Family Practice Board Review Course, May 16-22, 1994.

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**Academic Activities:**

See attached guidelines for definitions of professional and academic activities.

Professional Service:

I am the Kansas Medical Society representative to the Board of Governors of the

Academy of Otolaryngology Head and Neck Surgery. As such, I represent our state at the national level on grass roots issues. I participate in a yearly legislative briefing day, which includes lobbying efforts on Capitol Hill regarding issues pertinent to otolaryngology.

#### Academic Service:

I am the Chief of Otolaryngology at Children's Mercy Hospital. My administrative responsibilities include interviewing personnel for staff positions, negotiating with administration for expansion of our clinical space, directing the redesign of our current and additional space, expanding and updating our operating room equipment and instrumentation. I represent the section at several community meetings at Children's Mercy Hospital.

I am the Vice-Chairman for Clinical Affairs in our department. I am involved in administrative decisions regarding residents and personnel in our department.

I am the department's representative in the Operating Room Committee. This has jurisdiction over major issues applying to the operating room.

(g:admin\jhalvers\1999-2000 Promotion and Tenure\1999newp&cv)

(revised 7/99)