

BIOGRAPHICAL SKETCH

Provide the following information for the key personnel in the order listed for Form Page 2.
Follow this format for each person. **DO NOT EXCEED FOUR PAGES.**

NAME Daniel G. Deschler		POSITION TITLE Associate Professor Director: Division Head and Neck Surgery Massachusetts Eye and Ear Infirmary Director: Division Head and Neck Oncology Massachusetts General Hospital	
EDUCATION/TRAINING (Begin with baccalaureate or other initial professional education, such as nursing, and include postdoctoral training.)			
INSTITUTION AND LOCATION	DEGREE (if applicable)	YEAR(s)	FIELD OF STUDY
Creighton University, Omaha, Nebraska	B.A.	1986	History
Harvard Medical School, Boston, Massachusetts	M.D.	1990	Medicine

NOTE: The Biographical Sketch may not exceed four pages. Items A and B (together) may not exceed two of the four-page limit. Follow the formats and instructions on the attached sample.

A. Positions and Honors. List in chronological order previous positions, concluding with your present position. List any honors. Include present membership on any Federal Government public advisory committee.

Professional Experience:

1990-1991 Internship in General Surgery, University of California, San Francisco, CA
 1991-1994 Residency in Otolaryngology - Head and Neck Surgery, University of California, San Francisco
 1994-1995 Chief Resident in Otolaryngology-Head and Neck Surgery, University of California, San Francisco
 1995-1996 Fellow in Reconstructive and Oncologic Surgery of the Head & Neck, Hahnemann University Hospital, Philadelphia, PA
 1995-1996 Instructor in Otolaryngology-Head and Neck Surgery, Medical College of Pennsylvania – Hahnemann University
 1996-1999 Assistant Professor of Otolaryngology-Head and Neck Surgery, Medical College of Pennsylvania Hospital, Hahnemann University Hospital, St. Christopher's Hospital for Children
 1996-1999 Surgeon, Otolaryngology - Head and Neck Surgery, Medical College of Pennsylvania Hospital, Hahnemann University Hospital, St. Christopher's Hospital for Children
 1996-1999 Director, Center for Voice Disorders, Medical College of Pennsylvania – Hahnemann University
 1996-1999 Director, Graduate and Undergraduate Education in Otolaryngology-Head and Neck Surgery, Medical College of Pennsylvania – Hahnemann University
 2000-present Surgeon, Department of Otolaryngology, Massachusetts Eye and Ear Infirmary, Boston, MA
 2000-present Assistant Professor of Otology and Laryngology, Harvard Medical School, Boston, MA
 2002-present Associate Director of Medical Student Education, Massachusetts Eye and Ear Infirmary, Boston, MA
 2004-present Director: Division of Head and Neck Surgery, Massachusetts Eye and Ear Infirmary, Boston, MA
 2004-present Director: Division of Head and Neck Surgical Oncology, Massachusetts General Hospital, Boston, MA
 2004-present Director: Norman Knight Center for Hyperbaric Medicine, Massachusetts Eye and Ear Infirmary, Boston, MA

Awards and Honors:

1986 Summa Cum Laude, Creighton University, Omaha, NE
 1986 College of Arts and Sciences Award for Outstanding Scholarship and Personal Contribution to Creighton University
 1982-1986 Creighton University Presidential Scholar
 1982-1986 Creighton University Superior Scholastic Citation
 1987 J.M. Foundation Scholarship; 1987, Harvard Medical School

1987-1990	Joseph Collins Foundation Scholar; 1987-1990, Harvard Medical School
1990	Cum Laude Honors Degree, Harvard Medical School
1992	First Place Award, Overall, Bay Area Residents Research Symposium, Oakland, CA
1993	First Place Award, Overall, Bay Area Residents Research Symposium, Oakland, CA
1993	First Place Award, Case Report, Bay Area Residents Research Symposium, Oakland, CA
1993	Award for Scientific Exhibit, American Academy of Otolaryngology- Head and Neck Surgery Annual Meeting, Minneapolis, MN
1994	Finalist, Residents Research Award, American Laryngological Association, Annual Meeting
1994	Residents Research Award, Pacific Coast Oto-Ophthalmological Society, 78th Annual Meeting. Huntington Beach, CA
1994	First Place Award, Case Report, Bay Area Residents Research Symposium, Oakland, CA
1998	American Academy of Otolaryngology - Head and Neck Surgery Honor Award
1998	American Academy of Facial Plastic and Reconstructive Surgery, Investigator Development Award
2004	William Wayne Montgomery Award for Excellence in Teaching, Massachusetts Eye and Ear Infirmary, Boston, MA

B. Selected peer-reviewed publications (in chronological order). Do not include publications submitted or in preparation.

Principal Publications:

1. Deschler DG, Regauer S, Compton C. Bombesin enhances epidermal regeneration in vivo. *J Soc Invest Dermatol* 1990;94(4):519.
2. Deschler DG, Kaplan MJ, Boles R. Treatment of large juvenile nasopharyngeal angiofibromas. *Otolaryngol Head Neck Surg* 1992;106:278-284.
3. Deschler DG, Lee K, Tami TA. Laryngeal infiltrating intramuscular lipoma. *Otolaryngol Head Neck Surg* 1993;108:374-377.
4. Deschler DG, McKenna J, Tami TA. Aberrant reinnervation of the internal branch of the superior laryngeal nerve following total laryngectomy. *Otolaryngol Head Neck Surg* 1994;110:112-125.
5. Anthony JA, Singer MI, Deschler DG, Doherty ET, Reed CG, Kaplan MJ. Long-term functional results after reconstruction with the radial forearm free flap. *Am J Surg* 1994;168: 441-445.
6. Deschler DG, Doherty ET, Reed CG, Anthony JP, Singer MI. Tracheoesophageal voice following tubed free radial forearm flap reconstruction of the neopharynx. *Ann Otol Rhinol Laryngol* 1994;103:929-936.
7. Deschler DG, Lee KC. Steroids in otolaryngology. *Curr Opin Otolaryngol* 1995;3(3):201-206.
8. Deschler DG, Osorio R, Ascher N, Lee K. Post-transplantation lymphoproliferative disorder in patients under primary Tacrolimus (FK506) immunosuppression. *Arch Otolaryngol Head Neck Surg* 1995;121:1037-1041.
9. Deschler DG, Lustig LL, Singer MI. Gelcap assisted fiberoptic nasogastric feeding tube placement. *ENT J* 1995;74:752-753.
10. Deschler DG, Singer MI. Preservation of the spinal accessory nerve in modified neck dissections. *Laryngoscope* 1995;106:664-666.
11. Deschler DG, Mamelak AN, McDermott M, Gutin P, Kaplan MJ. Complications of anterior skull base surgery. *Skull Base Surg* 1996;6:113-118.
12. Deschler DG, Blevins NH, Ellison DE. Post-laryngectomy dysphagia secondary to an anterior neopharyngeal diverticulum. *Otolaryngol Head Neck Surg* 1996;115:167-9.
13. Deschler DG, Hayden RE. Bone spur presenting as a submandibular mass following free fibular reconstruction of the mandible. *Am J Otolaryngol* 1997;18(6):425-427.
14. Blevins NH, Kingdom TT, Deschler DG, Lee KC. Chiari I malformation presenting as vocal cord paralysis in the adult. *Otolaryngol Head Neck Surg* 1997;117:S191-194.
15. Deschler DG. Commentary: tracheal reconstruction. *Otolaryngol J Club* 1997;4:310-312.
16. Deschler DG, Mamelak AN, McDermott M, Gutin P, Kaplan MJ. Complications of anterior skull base surgery. Review in *Otolaryngol J Club* 1997;4:54-58.
17. Greene D, Deschler DG, Kaplan MJ. Dermal metastasis of the pectoralis major flap donor site from a laryngeal squamous cell carcinoma. *ENT J* 1998;77:102-104.
18. Deschler DG, Doherty ET, Read CH, Singer MI. Quantitative and qualitative analysis of tracheoesophageal voice following neopharyngeal reconstruction with the pectoralis major flap. *Otolaryngol Head Neck Surg* 1998;118:771-776.
19. DiLeo M, Deschler DG, Baker K, Hayden RE. Papillary thyroid carcinoma presenting as a parapharyngeal space mass. *Am J Otolaryngol* 1998;6:404-406.

20. Deschler DG, Walsh K, Friedman S, Hayden RE. Quality of life assessment in patients undergoing head and neck surgery as evaluated by lay caregivers. *Laryngoscope* 1999;109:42-46.
21. Sajjadian A, Deschler DG, Hayden RE. Free flap reconstruction after near-total glossectomy in the child. *Otolaryngol Head Neck Surg* 1999;120:614-16
22. Deschler DG, Doherty ET, Reed CH, Singer MI. Effects of sound pressure levels on fundamental frequency in tracheoesophageal speakers. *Otolaryngol Head Neck Surg* 1999;121(1):23-26.
23. Amin MR, Deschler DG, Hayden RE. Midline mandibulotomy revisited. *Laryngoscope* 1999;109(9):1402-1405.
24. Hayden RE, Deschler DG. The lateral thigh free flap in head and neck reconstruction. *Laryngoscope* 1999;109(9):1490-1494.
25. Kirby SD, Deschler DG. Hyperbaric oxygen therapy. *Curr Opin Otolaryngol* 1999;7(3):137-143.
26. Deschler DG. Nocardiasis in patients with HIV infection. (Letter to the Editor.) *Aids Patient Care STDs* 1999;13(10):585.
27. Agarwal A, Baker K, Deschler D. External auditory canal exostoses. *Am J Otol* 1999;20:807-808.
28. Deschler DG, DiLeo M, Hayden RE. Free fat grafts: do they still have a role? *J Aesth Dermatol Cosm Surg* 1999;1(3):211-216.
29. Kandula M, Deschler DG, Hayden RE. Chest wall mass after pectoralis major myocutaneous flap reconstruction. *Otolaryngol Head Neck Surg* 2000;122:267-268.
30. Pollock T, Wu S, Deschler DG. Quiz Case 2: Burkitt's lymphoma of the nasopharynx. *Arch Otolaryngol Head Neck Surg* 2000;126:237,239-240.
31. Kirby SD, Deschler DG, Hayden RE. Technical modifications of the latissimus dorsi pedicled flap: increased viability and versatility. *Laryngoscope* 2000;110:352-357.
32. Deschler DG, Doherty ET, Reed CH, Hayden RE, Singer MI. Prevention of pharyngoesophageal spasm after laryngectomy using a half-muscle closure technique. *Ann Otol Rhinol Laryngol* 2000;109:514-518
33. Deschler DG, Gress C, Singer MI. Retrograde placement of the indwelling voice prosthesis. *Laryngoscope* 2000;110:1063-65.
34. Deschler DG, Hayden RE. Optimum reconstruction of large lateral mandibular defects. *Head Neck* 2000;22:674-679.
35. Kim MK, Deschler DG, Hayden RE. Flexible esophagoscopy as part of routine panendoscopy in ENT resident and fellowship training. *Ear Nose Throat J* 2001;80(1):49-50.
36. Schwetschenau E, Deschler DG. A minimally invasive approach to refractory cerebrospinal fluid rhinorrhea after frontal craniotomy and sinus cranialization. *Op Tech Otolaryngol Head Neck Surg* 2001;12:17-19.
37. Spiegel J, **Deschler DG**, Cheney M. Submandibular gland transfer in the Rabbit model. *Arch Otolaryngol Head Neck Surg* 2001; 127(8): 991-996.
38. Hohn D, **Deschler, DG**, Tucker JA. Interincisor distance as a predictor of inter-torus distance in adenoidectomy. *Ann Otol Rhinol Laryngol* 2001; 110(9):841-843.
- 39) Buchinsky FJ, Gennarelli TA, Strome SE, **Deschler DG**, Hayden RE. Sphenoid sinus mucocele: a rare complication of transsphenoidal hypophysectomy. *Ear Nose Throat J* 2001; 80: 886-888.
- 40) Leon ME, **Deschler DG**, Wu SS, Galindo LM. Fine needle aspiration of lipoblastoma of the parotid region: Report of a case and review of the literature. *Acta Cytol* 2002;46:395-404.
- 41) Dipasquali K, **Deschler DG**. Lipoblastoma of the parapharyngeal space in the child. *Ear Nose Throat J* 2002; 81: 564-568.
- 42) DiMuzio J, **Deschler DG**, Tucker JA. External auditory canal foreign body removal in the emergency room setting. *Otol Neurotol* 2002; 23: 473-475.
- 43) Ung F, Rocco J, **Deschler DG**. Temporary intraoperative external fixation in mandibular reconstruction. *Laryngoscope* 2002; 112: 1569-1573.
- 44) Ayala C, Watkins L, **Deschler DG**. Tension orbital Pneumocele secondary to nasal obstruction from cocaine abuse: A case report. *Otolaryngol Head Neck Surg* 2002; 127: 572-574.
- 45) Hadlock T, Kim J, **Deschler DG**. Low Molecular heparin as arterial , microvascular thrombotic prophylaxis in the rat model. *Arch Facial Plast Reconstr Surg* 2003; 5: 36-39.
- 46) Robb GL, Lewin JS, **Deschler DG**, Haughey DH, Brown DH, Langmore SE. Speech and swallowing outcomes in reconstructions of the pharynx and cervical esophagus. *Head Neck*. 2003 Mar;25(3):232-44.
- 47) **Deschler DG**, Walsh K, Hayden RE. Follow-up quality of life assessment in patients after head and neck surgery as evaluated by lay caregivers. *ORL-Head Neck Nursing*. 2004; 22(1): 26-32.
- 48) Mehta RP, Faquin WC, **Deschler DG**. Pathological Case Quiz 1. *Arch Otolaryngol Head Neck Surg*. 2004; 130: 790, 792-3.
- 49) Fechner F, **Deschler DG**. Free flap reconstruction after facial trauma. *Operative Techniques in Otolaryngology –*

Head and Neck Surgery. 2002; 13: 309-315.

- 50) Nayak LM, **Deschler DG**. Lymphomas. Otolaryngol Clin North Am. 2003; 36: 625-646.
- 51) Resto V, **Deschler DG**. Sinonasal Malignancies. Otolaryngol Clin North Am. 2004; 37(3): 373-487.
- 52) **Deschler DG**. Voice following laryngeal cancer surgery. Otolaryngol Clin North Am. 2004 Jun;37(3):XI-XII.
- 53) **Deschler DG**, Gray S. Speech Rehabilitation following laryngopharyngectomy. Otolaryngol Clin North Am. 2004; 37(3): 567-583.
- 54) Bayles S, **Deschler DG**. Surgical management of voice-limiting pharyngoesophageal spasm. Otolaryngol Clin North Am. 2004; 37(3): 547-558.
- 55) Mehta RP, **Deschler DG**. Mandibular reconstruction in 2004: an analysis of different techniques. Curr Opin Otolaryngol Head Neck Surg. 2004 Aug;12(4):288-93.

Editorials, Reviews, Chapters:

1. Kaplan MJ, Deschler DG. Angiofibroma. In: Gates G, ed. Current therapy in otolaryngology - head and neck surgery, 5th ed. St. Louis: Mosby, 1993.
2. Wilson JL, Deschler DG, Kaplan MJ, Pillsbury HC. Complications of cranial base surgery. In: Weissler MC, Pillsbury HC, eds. Complications of head and neck surgery. New York: Thieme, 1995.
3. Deschler DG, Hayden RE. Grafts and flaps in head and neck surgery. Youssef D, ed. Neuroimaging Clin North Am 1996;6(2):505-514.
4. Deschler DG, Hayden RE. The lateral thigh free flap. Calhoun K, ed. Facial Plast Surg 1996;12(1):75-79.
5. Singer MI, Deschler DG. Complications of primary and secondary voice restoration. In: Blom ED, Singer MI, Hamaker RC, eds. Tracheoesophageal voice restoration following total laryngectomy. New York: Thieme, 1998.
6. DiLeo M, Deschler DG, Baker K, Hayden RE. Papillary thyroid carcinoma presenting as a parapharyngeal space mass. In: Osborn AG, ed. The year book of diagnostic radiology. St. Louis: Mosby, 1999.
7. Walsh K, Deschler DG. Ear nose and throat disorders. In: Logan P, ed. Principles of practice for the acute care nurse practitioner. Stamford: Appleton & Lange, 1999.
8. Deschler DG. Pharyngeal reconstruction after laryngectomy. Rehabilitation with head and neck cancer. In: Doyle P, ed. Austin: Pro-Ed, in press.
9. Deschler DG, Hayden RE. The lateral thigh free flap. In: Burkey BB, Futran ND, eds. Head and neck reconstruction with microvascular applications. New York: Thieme, in press.
10. Spiegel J, Deschler DG. Anatomy of the oral cavity and related structures. In: Day T, Girard D, eds. Reconstruction of the head and neck. New York: Marcel Decker, in press.
11. Rho M, **Deschler DG**. Surgical Anatomy of the Salivary Glands. Ed: Witt RL. In: Salivary Gland Diseases. Thieme; New York (In Press)

I. Current Support:

Voice Following Laryngopharyngectomy and Pharyngeal Reconstruction: A Multi-Institutional Study.
2003 to present.

American Head and Neck Society Grant

Total Award: \$15,000.00

Prevention of Microvascular Thrombosis.

2000-present

American Academy of Facial Plastic and Reconstructive Surgery Investigator Development Award

Total Award: \$15,000.00

II. Collaborative Investigator

The Microbiota of Mucosal Biofilm in Oral Cancer Patients

Boston University School of Medicine

A Combined Functional Magnetic Resonance Imaging and Electroencephalogram Study of Induction of Propofol Anesthesia

Department of Anesthesia, Massachusetts General Hospital

III. Institutional Support

Massachusetts Eye and Ear Infirmary	2002
Department of Otolaryngology	\$13,000.00
For study of voice following laryngeal cancer surgery	
Massachusetts Eye and Ear Infirmary	2004-10-02
Department of Otolaryngology	\$10,000.00
Norman Knight Hyperbaric Medicine Center	
For Study of effects of hyperbaric oxygen on free tissue grafts	