

**BOSTON UNIVERSITY SCHOOL OF MEDICINE
CURRICULUM VITAE**

NAME (Last, First Middle): Langmore, Susan Elizabeth

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BUSINESS ADDRESS: BU Medical Center,

Dept of Otolaryngology

820 Harrison Ave., FGH Bldg, 4th floor

Boston MA 02118

DATE OF BIRTH: 05/27/44

CITIZENSHIP: USA

EDUCATION (List Highest Degree First)

<u>Degree</u>	<u>Earned</u>	<u>Institution</u>	<u>Location (City and State)</u>
PhD	1980	Northwestern University	Evanston IL
MA	1968	Stanford University	Palo Alto CA
BA	1966	University of California	Los Angeles CA

POST-DOCTORAL TRAINING

None

LICENSURE

Commonwealth of Massachusetts License in Speech-Language Pathology

2007-present

BOARD CERTIFICATION:

Board Recognized Specialist in Swallowing and Swallowing Disorders - American Speech Language Hearing Association (2003-present)

ACADEMIC APPOINTMENTS

(From completion of highest degree to present; most recent first)

Title	Institution (City & State)	Inclusive Dates
Professor, Otolaryngology	Boston University School of Medicine	2007-present
Clinical Professor, Speech Language Hearing Sciences	Sargent College, Boston University	2007-present
Clinical Professor, Otolaryngology	University of California, San Francisco CA	2007
Associate Clinical Professor, Neurology	University of California, San Francisco CA	1999- 2003
Associate Clinical Professor, Otolaryngology	University of California, San Francisco	2003-2006
Clinical Professor, Otolaryngology	University of California, San Francisco	2006-2007
Adjunct Associate Professor, Oral Medicine	University of Michigan School of Dentistry, Ann Arbor MI	
Adjunct Assistant Professor, Oral Medicine	University of Michigan School of Dentistry, Ann Arbor MI	1995-99

Adjunct Associate Professor, Communicative Disorders	Central Michigan University, Mt Pleasant MI	1993-99
Adjunct Assistant Professor	University of Michigan School of Dentistry, Ann Arbor MI	1990-96
Adjunct Professor, Comm Disorders & Sciences	Wayne State University, Detroit MI	1989-99
Adjunct Assistant Professor, Audiology/Speech Pathology	Michigan State University, Lansing MI	1989-99

HOSPITAL APPOINTMENTS (*Including Visiting Appointments*)

Director, Speech Language Pathology	Boston Medical Center, Boston MA	2007-present
Speech Language Pathologist	UCSF Medical Center	1999-2007
Affiliated Investigator, Geriatric Research	VA Medical Center, Ann Arbor MI	1993-99
Chief, Audiology & Speech Pathology Services	VA Medical Center, Ann Arbor MI	1979-99
Speech Pathologist & Director	Schwab Rehabilitation Hospital, Chicago IL	1969-73

OTHER PROFESSIONAL POSITIONS AND MAJOR APPOINTMENTS

<u>Title</u>	<u>Employer (City & State)</u>	<u>Dates</u>
Consultant, UCSF Parkinson's Center	University of California, San Francisco CA	2000- 07
Consultant, Otolaryngology	San Francisco General Hosp, San Francisco CA	2001-04
Visiting Scholar	MRC Laboratory, Psychology, Cambridge, UK	1975-79

AWARDS, HONORS, AND NAMED LECTURER:

Honors of the Association, American Speech Language Hearing Association (2012)
 Board Recognized Specialist in Swallowing and Swallowing Disorders (2003 – present)
 Inaugural Specialty Board in Dysphagia, American Speech-Language-Hearing Association
 (2002-09)
 Fellow, American Speech-Language Hearing Association (ASHA), 1998
 Special Contribution Award, VA Medical Center, Ann Arbor MI 1989, 91, 96, 99
 Superior Performance Award, VA Medical Center, Ann Arbor MI, 1982-84, 86-87, 89-90, 92-93

MAJOR COMMITTEE ASSIGNMENTS:

Boston University:

2008 – present	Resident Research and Scholarly Activities Committee (Oto)
2008, 2009 2012	Master's Thesis Committee (SHS)
2009	Faculty Search Committee (SHS)
2009-12	Comprehensive Examination Committee

Boston Medical Center

2010- present	Cancer Center Committee
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Member of Editorial Boards:

2006- present	Dysphagia
1998 – 2008	Neurorehabilitation and Neural Repa

Ad hoc reviewer for scientific journals including Journal of Speech-Language Hearing Research, American Journal of Speech-Language Pathology, Annals of Otorhinolaryngology, Drugs & Aging, Journal of Research and Rehabilitation Development, Archives of Physical Medicine and Rehabilitation, Neuropsychiatry, Head and Neck, Neurology, Archives of Otolaryngology.

Memberships in Professional organizations:

2010-present	Member ABEA (Am Bronchoesophagology Association)
2004 - present	Member, American Academy of Otolaryngol –Head and Neck Surgery
2001- 2007	Member, California Speech-Language-Hearing Association
1982-1999	Member, Michigan Speech Language Hearing Association
1993 - present	Member, Special Interest Groups -Dysphagia, Neurogenic Communication Disorders, and Voice, ASHA
1992 – present	Member, Dysphagia Research Society
1968 - present	Member, American Speech-Language-Hearing Association

SERVICE TO PROFESSIONAL SOCIETIES AND ORGANIZATIONS:

California Speech Language Hearing Association (and Bay Area ALS Association)

2003-4	Committee on Nominations, (Calif Speech Hearing Assoc) CASHA
2000-4	Augmentative Communication Committee, ALS Association Bay Area Chapter
2000-4	Patient and Family Services Committee, ALS Association Bay Area Chapter
2006	Task force to amend state licensure act, CASHA

Michigan Speech-Language-Hearing Association

1989-91	Convention Program Committee
1988-91	Hospital and Community Services Committee

American Speech-Language-Hearing Association

1990-93	Panel, Standards of Practice for Speech-Language Pathologists in the area of Dysphagia.
1990, 2010, 12	Convention Program Committee, Dysphagia section
1993-96	Steering Committee, Special Interest Division -Dysphagia,
1995	Committee to Develop Model Core Curriculum in Dysphagia,.
1996-98	Task Force on Training & Competency for Performing Endoscopy
1996-98	Task Force, Clinical Indicators for Instrumental Examinations in Dysphagia
1996-99	Division Coordinator, Special Interest Division 13 - Dysphagia,
2003-09	Member, Inaugural Specialty Board, BRS-S Swallowing & Swallowing Disorders.
2009	Chair, Membership and Public Relations Committee, BRS-S Specialty Board in Swallowing & Swallowing Disorders
2006-09	Member, Applications Committee and Membership-PR Committee, BRSS, Specialty Board in Swallowing and Swallowing Disorders
2000-02	Joint Committee on Interprofessional Relationships with Neuropsychology
2003-04	Chair, Task Force: Position paper and Technical Report on FEES

(National level) Department of Veterans Affairs

Oct, 1986	Member, Expert Panel to Update the Communication, Sensory and Cognitive Aids Section of the DVA RR&D Research Plan
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- 1989-99 Member, Committee on Training Programs in Audiology & Speech Pathology
- 1988-93. Member, National Dysphagia Task Force for Audiology & Speech Pathology
- 1993-96 Member, Field Advisory Council to Director, Audiology & Speech Path / Central Office
- 1993 Member, Expert Panel to Update the Communication, Sensory and Cognitive Aids Section of the DVA RR&D Research Plan
- 1994-95 Chair, Field Advisory Council to Director, Audiol & Speech Pathology / Central Office
- 1995 Chair, Leadership Conference, Washington, DC
- 1996. Chair, Consensus Conference on Outcomes in Dysphagia, sponsored by DVA and ASHA
- 1997 Member of Task Force to develop Clinical Practice Guidelines for Dysphagia
- 1997,98 Member, Committee to Develop Dysphagia Clinical Practice Guidelines
- 1998 Chair, Consensus Conference on Outcomes in Dysphagia Follow-up Meeting

Dysphagia Research Society

- 2001- 2003 Councilor, Governing Board
- 2002, 2003 2010, 2011, 2012 – Member, Program Committee, Dysphagia Research Society Annual meeting

Scientific Working Groups

- 1999 Nutritional Concerns of the Elderly, Medical Nutritional and Device Roundtable, Charleston, SC, Sponsored by Ross Products
- 2001 Dysphagia Experts Meeting, Madison, WI
- 2005 Translational Research Meeting, University of Florida, Gainesville, Florida

Scientific Reviewer for NIH

- 2006 Member, NIH Motor Function, Speech and Rehabilitation Study Section
- 2007-2011 Peer Reviewer, NIH Motor Function, Speech and Rehabilitation Study Section
- 2012 Peer Reviewer NIH NIDCD, Special Emphasis Panel

International Service

- 1997 Consultant to Ministry of Health, Singapore, in area of dysphagia and training needs of speech pathology.
- 1999 Dysphagia Committee, International Assoc Logopaedics & Phoniatics

INVITED LECTURES AND PRESENTATIONS

INTERNATIONAL (2003-2012 only)

- 2003 Trillium Health Care Centre, Toronto, Canada. (sole speaker, 1 day)
- 2004 Austin and Repatriation Medical Centre, Melbourne, Australia (FEES course, 2 days)
- 2004 Royal Brisbane Hospital, Brisbane, Australia (FEES speaker, 2 days)
- 2006 Mater Misericordiae University Hospital, Dublin, Ireland (FEES course, 2 days)
- 2007 Liverpool, England (FEES course, 2 days)
- 2007 Netherlands - annual meeting of Association of Speech Pathology – 2 lectures
- 2008 Manchester, England - UK Swallowing Research Gp Biennial Conference (Feb) 3 lectures
- 2008 Kananaskis, Alberta, CA – Canadian Speech Language Hearing Assoc meeting (lecture)

- 2008 Aman, Jordan – Fourth International Conference of the Royal Medical Services, Jordan (3 lectures)
- 2009 Toronto, CA – lecture and FEES course (May)
- 2009 London, England – FEES course (Sept)
- 2010 Riyadh, Saudi Arabia – Medical Conference (Jan) lecture
- 2010 Milan, Italy – Swallowing Conference (March) 3 lectures
- 2010 Frankfurt, Germany – Swallowing Conference (July) lecture
- 2010 Seoul, So Korea – Fourth World Congress Voice Congress (Sept, 2010) lecture
- 2010 Hamilton, Canada- Aspiration Pneumonia and the role of the Speech Language Pathologist – seminar (November)
- 2011 Hong Kong (Jan, 2011) – Dysphagia in Head and Neck Cancer – 2 day seminar to SLP clinicians
- 2011 Hong Kong (Jan, 2011) – Pneumonia and Dysphagia – lecture to HK University faculty and students
- 2011 Rimini, Italy (Sept) – Major speaker at FEES course
- 2011 Swansea, Wales- FEES course given to SLPs and ENTs in Wales (Oct)
- 2011 London, England – FEES course given to SLPs in UK (Nov)
- 2012 Modena, Italy – Major speaker at course focusing on FEES (Jan)
- 2012 Toronto, CA - Speaker at American Head Neck Society Annual meeting (Dysphagia treatment in HNC)

NATIONAL (2003-2012 only)

- 2003 Oregon Health Sciences University, Portland Oregon. FEES course
- 2003 American College of Surgeons Annual Meeting, Chicago, IL short course
- 2003 Dysphagia in 2003 St. Joseph's Regional Medical Center, Wayne, New Jersey. lecture
- 2004 Charleston Swallowing Conference, Med University of South Carolina, Charleston, SC lecture
- 2004 ASHA Health Care 2004: Dysphagia in Adults and Children, Orlando, Florida. 1 day seminar
- 2004 Normal Deglutition Laryngopharyngeal Reflux, Dysphagia and Laryngology Wake Forest University, Winston-Salem, NC. lecture
- 2005 University of Alabama Medical Center, Birmingham, AL - lectures
- 2005 Multidisciplinary Voice and Swallow Conference, West Palm Beach, FL - lecture
- 2005 Muscular Dystrophy/Amyotrophic Lateral Sclerosis Association, Los Angeles, CA – lecture
- 2005 Charleston Swallowing Conference, Medical University of So Carolina, Charleston SC - lecture
- 2005 American Speech Language Hearing Association annual convention., Los Angeles, CA – invited seminar
- 2006 First Annual Advanced Practices in Dysphagia Assessment and Treatment” UC Davis, Las Vegas, Nevada – 2 lectures
- 2006 Evidence Based Practice in the Treatment of Dysphagia, University of Washington, Seattle, WA - lecture
- 2006 FEES course, Swigert and Associates, Lexington, KY
- 2006 Stroboscopy course, University of California, San Francisco - lectures
- 2007 Wisconsin Speech-Language Hearing Association annual meeting - lecture
- 2007 New Jersey Speech-Language Hearing Association annual meeting - lecture
- 2008 Northern Speech Services - Anaheim, CA (May) 1 day seminar
- 2008 Atlanta (Sept), New York City (Oct) – Dysphagia Practices conferences – NSS
- 2008 Baltimore, MD Milton J Dance Head and Neck Cancer Rehab Center annual conf (Oct) - lecture

- 2009 Dallas (March), Boston (May), Columbus OH (Sept) – Chicago (Nov) Northern Speech Services (NSS)
- 2009 Duluth, MN 2 day FEES course (April)
- 2009 Palo Alto, CA – 2 day FEES course (May)
- 2010 Queens, NY NSS - Aspiration Pneumonia (May 1)
- 2010 NSS - San Francisco, Aspiration Pneumonia (June)
- 2010 Boston, Evaluation and Treatment of Dysphagia (AAOO-Nurses), Sept
- 2010 Challenges of Clinical Trials (ASHA, Philadelphia, Nov)
- 2011 Aspiration Pneumonia, Clinical Decisions – Minneapolis, MN, May 2011 (NSS)
- 2012 Speaker at NY Speech Language Hearing annual convention: lectures on Aspiration pneumonia and FEES (April)
- 2012 Speaker at Consensus Conference on Clinical Doctorate in Speech Language Pathology, Boston (June)
- 2013 Keynote Speaker at Pacific Voice Conference, Los Angeles, CA, Feb 22, 2013.

REGIONAL (2003-2012 only)

- 2003 Palomar Medical Center, Escondido, California – FEES course
- 2003 California Speech-Language-Hearing Association annual meeting, Monterey, CA - lecture
- 2003 Southern California Medical Speech Language Pathology Council. San Jose, CA. – 1 day seminar, aspiration pneumonia
- 2004 California Medical Speech-Language Pathology Association. Long Beach, CA – seminar, aspiration pneumonia
- 2004 Pediatric Allergy and Pulmonology, Stanford University, Stanford, CA - lecture
- 2005 Palmarado Medical Center, Escondido, CA - FEES course
- 2005 California Speech-Language-Hearing Assoc annual meeting, Santa Clara, CA - lecture
- 2006 Fifteenth Annual Southwest Conference on Communicative Disorders” Albuquerque, NM – lecture
- 2006 United Hospital, St. Paul, MN – 2 day FEES course
- 2006 MedCentral Health System, Mansfield, OH – 2 day FEES course
- 2006 University of Wisconsin-Madison, Otolaryngology - lectures
- 2007 Rancho Los Amigos, Downey, Calif, FEES course (June)
- 2007 FEES course, Mills Peninsula Hospital, San Mateo, CA (Jan) FEES course
- 2007 FEES course, Hartford, CT (July)
- 2009 Spaulding Rehabilitation Hospital, Boston (lecture on EStim)
- 2012 Speaker at The Ohio State University Medical Center on dysphagia assessment and treatment

LANGMORE FEES COURSES: Post-graduate course provided to practicing clinicians in speech pathology and occasional physicians. Attendees come from throughout the US and abroad.

Offered at UCSF:

- July, Dec, 2004
- Jan, June, Oct, 2005
- Jan, April, July, Oct, 2006
- July, 2007

Offered at Boston Medical Center

- September, 2007
- January, June, 2008
- Jan, April, July, Oct, 2009
- Jan, April, July, Oct, 2010
- Feb, April, July, Oct 2011

Feb, April, July, Oct, 2012
Feb, May, July, Oct, 2013

ACADEMIC TEACHING, MENTORING (since 2007 only, all at Boston University)

Courses taught annually from 2007 to present

SAH 721 Motor Speech Disorders
SAH 738 Dysphagia
SAH 739 Advanced Dysphagia (seminar course)
SAH 650 Medical Seminar (one lecture)

Member of Master's Thesis Committee:

Magdalen Balz - 2010

Primary Advisor for Master's Thesis:

Jared Schultz – 2010
Leena Rahmat - 2012
Asako Satoh – 2012 (Fullbright scholar)
Katherine Fields - current
Jessica Pisegna - current
Tami deLarRosa- current

Doctoral Dissertation Committee member

William Pearson – 2012

Primary Advisor, doctoral student

Keri Vasquez Miloro – current
Asako Kaneoka Satoh - current

ABSTRACTS, PRESENTATIONS OF RESEARCH PAPER (*past 10 years and other significant*)

Langmore SE, Skarupski, K, Park P, Fries, B. Predictors of aspiration pneumonia in nursing home residents. Abstract in *Dysphagia*, 14 (2), 119, 1999.

Jaffe DM, McCulloch TM, VanDaele DJ, **Langmore S**, Finnegan EM. A video-endoscopic and electromyographic comparison of the normal swallow, the supraglottic swallow and the Mendelsohn maneuver. Abstract in *Dysphagia*, 14 (2), 117, 1999.

Langmore, SE and Olney, RK. Is tube-feeding a necessary treatment for patients with ALS? Poster presentation at the Ninth Annual Dysphagia Research Society Meeting, Savannah, Georgia, October 26-28, 2000.

Langmore, SE, "How I do a FEES Examination Today". Presented at the ASHA Annual Convention Meeting, Washington DC, November 16-18, 2000.

Langmore SE and Olney, RK. Can the eventual need for percutaneous endoscopic gastroscopy (PEG) be recognized before the vital capacity (VC) falls below 50% of predicted. *Amyotrophic Lateral Sclerosis*. 1:53, 41, December, 2000.

White L, **Langmore S**, Forshew DA, Olney R. Functional outcomes and quality of life after PEG placement in ALS/MND. *Amyotrophic Lateral Sclerosis*. 2:2,75, September, 2001.

Cotts M, **Langmore S**, Lomen-Hoerth C. Examining augmentative and alternative communication (AAC) usage in ALS/MND patients with frontotemporal dementia (FTD) *Amyotrophic Lateral Sclerosis*. 2:2,92, September, 2001.

Olney RK, Kohn MA, **Langmore S**, Forshew DA, Julle AM, Mass J, Lome-Hoerth C. Toward recognizing the time at which a patient with ALS/IMND needs to prepare for palliative/terminal care. *Amyotrophic Lateral Sclerosis*. 2:2,23, September, 2001.

Lomen-Hoerth C, **Langmore S**, Miller B, and Olney R. An ALS Plus Syndrome: The overlap of ALS/MDN and frontotemporal dementia. *Amyotrophic Lateral Sclerosis*. 2:2,50, September, 2001.

- Langmore SE** and Olney RK. Detecting sub-clinical indicators of bulbar involvement in ALS. *Neurology*, 58, Suppl 3, A412.s54, 2002.
- Lomen-Hoerth C, **Langmore S**, Cotts M, and Olney RK, The overlap of Amyotrophic Lateral Sclerosis and Frontotemporal Lobar Dementia, *Neurology*, 58, 2002b, Suppl.3, A412, 2002.
- Langmore SE**, Lehman, ME, Olney RK. Subclinical indicators of bulbar involvement in ALS. *ASHA*, 144, August 27, 2002.
- Langmore SE**, White, L. Outcomes of PEG in patients with ALS. *ASHA*, 165, August 27, 2002.
- Langmore SE**, Olney RK, Lomen-Hoerth C, Miller B. Swallowing Dysfunction in frontotemporal lobar dementia. *Neurology*, 60:March, 2003, (Suppl 1).
- Langmore SE**, Wiswell, A. Swallowing dysfunction in frontotemporal lobar dementia. *The ASHA Leader*, 221, Aug 26, 2003.
- Langmore SE**, Wiswell A, Lomen-Hoerth C, Olney, R, Miller, B. How does FTL D Affect Swallowing in ALS? *ALS and other Motor Neuron Diseases*, 2003
- Langmore SE**, Olney, R, Manca, M, Kasarskis, E. Efficacy of Enteral Feeding in ALS/MND: A Cochrane Review. *ALS and other Motor Neuron Diseases*, 2003
- Langmore SE**. “Novel Assessment tools in swallow evaluation: Relating physiology to the mechanics of oro-pharyngo-esophageal function”. Dysphagia Research Society, October 5, 2003, San Francisco, CA. (*moderator; comments*)
- Langmore SE**. How does FTL D affect Swallowing in Patients with ALS? Dysphagia Research Society, October 6, 2003, San Francisco CA
- Langmore SE**, Murr, A., Casella, S. The Irritable Larynx. *Otolaryngology-Head & Neck Surgery*, Aug, 2004, 131: p137.
- Langmore SE**. Using Fluoroscopy and FEES with Head & Neck Cancer Patients. Scientific session. American Speech-Language Hearing Association annual convention, Nov 18, 2005, San Diego, CA
- Coffey M, **Langmore S.**, Swallowing after Laryngectomy. Scientific session. American Speech-Language Hearing Association annual convention, Nov 18, 2005, San Diego, CA
- Langmore SE**, Biber,T, Lazarus C, Logemann J, McCullough T, VanDaele D, “NMES with Head & Neck Cancer Patients post-Radiation Treatment: A Pilot Study” ” Dysphagia Research Society, March, 2006, Scottsdale, AZ
- Langmore, SE**. Distinct Profiles of Dysphagia in FTL D, PSP, and ALS. Presented at Dysphagia Research Society, March, 2008, Vancouver, CA
- Krisciunas, G, Miloro, K, and **Langmore, SE** Outcomes of prophylactic vs therapeutic PEG after CRT Triologic Society, Jan, 2009, Boston
- Zwoski, M, **Langmore S**. Use of FEES with head and neck cancer patients, Triologic Society, Boston, 2009
- Langmore SE**, Miloro DV, Krisciunas G. Prophylactic vs Late PEG Placement in Head & Neck Cancer Patients. Dysphagia Research Society annual meeting, New Orleans, 2009
- Scheel R, **Langmore SE**, et al. Swallowing post-Extubation in Patients with No Premorbid Dysphagia after Radiotherapy: What causes it? What works? ASHA convention, New Orleans, Nov 2009.
- Krisciunas G, **Langmore S**, Schultz J, Miloro KV. Dysphagia after Radiotherapy: What Causes It? What Treatment Works? Annual ASHA Convention, New Orleans, Nov, 2009
- Pearson W., **Langmore SE**, Zumwalt A. Disambiguating muscular forces affecting hyoid movement in pharyngeal phase of deglutition. Dysphagia Research Society, San Diego, CA March 2010
- Krisciunas G, **Langmore S**. Molecular mechanisms of variable post XRT induced dysphagia: a case study and model, Dysphagia Research Society, San Diego, CA March 2010
- Scheel R, McNally E, Walsh M, Steps K, Noordaj J, **Langmore S**. Predictors of swallow function post-extubation. Dysphagia Research Society, San Diego, CA March 2010

- Noordzij, J, Colton J, **Langmore S**. Factors contributing to laryngeal injury from prolonged intubation. COSM, 2010.
- Langmore, SE**, Carnaby-Mann G, Hind, J, Kosek, S, Krisciunas, G, Logemann, J, Miller D. Clinical Trials: The Vision and the Reality. ASHA, Philadelphia, Nov, 2010
- Langmore, SE**, Krisciunas, G, Vasquez-Miloro, Evans S, Cheng D. Is PEG Placement associated with Favorable Outcomes? Dysphagia Research Society, San Antonio, March 2011
- Pearson W, **Langmore S**, Yu L, Zumwalt A. Muscles underlying the elevation of the hyolaryngeal complex. Dysphagia Research Society, San Antonio, March 2011
- Sokoloff, W, Krisciunas GP, Stepas K, **Langmore S**. Survey of usual practices in providing treatment for dysphagia for head and neck cancer patients. Dysphagia Research Society, San Antonio, March 2011
- Krisciunas GP., Rahmat L, Rybin D, Doros G, Wilsterman E, **Langmore S**. Prevalence and predictors of dysphagia in a 7 year cohort after radiation therapy for HNC. Dysphagia Research Society, Toronto, CA, March 2012
- Miloro K, Pearson W, **Langmore S**. Effortful pitch glide: an exercise for potential swallow rehabilitation evaluated by dynamic MRI. Dysphagia Research Society, Toronto, CA, March 2012
- Pearson W, Davidoff, A, **Langmore S**. Reliability of a new approach to videofluoroscopic kinematic analysis. Dysphagia Research Society, Toronto, CA, March 2012
- Butler, S. Leester S., **Langmore S**, Lintzenich C. Wright S. Effects of topical nasal anesthetic on flexible endoscopic evaluation of swallowing. Dysphagia Research Society, Toronto, CA, March 2012
- Langmore S**, Krisciunas G, Rahmat L, Rybin D, Doros G, Wilsterman E., McCullough T. Probability and risk of dysphagia in the first year after Head and Neck Cancer. American Head Neck Society, Toronto, CA, July 2012 (poster)
- Riquelme L, **Langmore S**, Boczek F. Decision-making surrounding the use of tube feeding. ASHA, Atlanta, GA, Nov 15, 2012.
- Miloro K, Pearson W, **Langmore S**. Effortful Pitch Glide: New exercise to improve the swallow. ASHA, Atlanta, GA, Nov 16, 2012
- Johnson A, Gof G, Jacobson B, Golper LA, McNeil M, **Langmore S**. The clinical doctorate in SLP; Summary of a consensus meeting. ASHA, Nov 17, Atlanta GA, Nov 17, 2012

BIBLIOGRAPHY

1. Original Peer-Reviewed Publications

- Langmore SE** and Canter GJ. Written spelling deficit of Broca's aphasics. *Brain and Language*, 18: 293-314, 1983.
- Langmore SE**, Schatz K, Olsen N: Fiberoptic endoscopic examination of swallowing safety: a new procedure. *Dysphagia*, 2: 4, 216-219, 1988.
- Langmore S**, Schatz K, Olson N: Endoscopic and videofluoroscopic evaluations of swallowing and aspiration. *Ann Oto rhino laryn*, 100: 678-681, 1991.
- Langmore SE** and Logemann, JA: After the clinical bedside swallowing examination, what's next? *Am J Speech-Lang Path*, 1:1, 13-20, 1991.
- Langmore SE**: Managing the complications of aspiration in dysphagic adults. *Sem Speech Language*, 12:3, 199-208, 1991.
- Langmore SE** and Lehman M: The orofacial deficit and dysarthria in ALS. *J Speech Hear Res*, 37, 28-37, 1994.
- Langmore S**. and Miller R. Behavioral treatment for adults with oropharyngeal dysphagia *Arch Phys Med Rehab*, 75, 1154-1160, 1994.
- Miller R. and **Langmore SE** Treatment efficacy for adults with oropharyngeal dysphagia. *Arch Phys Med Rehab*, 75: 1256-1262, 1994.

- Langmore SE** Efficacy of behavioral treatment for oropharyngeal dysphagia. *Dysphagia*, 10: 259-262, 1995.
- Murray J, **Langmore S**, Ginsberg S, Dostie A: The significance of excess hypopharyngeal secretions in patients with dysphagia. *Dysphagia*, 11:99-103, 1996.
- Langmore SE**: Dysphagia in neurologic patients in the intensive care unit. *Semin in Neurology* 16, 4: 329,340, 1996
- Ship JA, Duffy V, Jones JA, **Langmore SE**: Geriatric oral health and its impact on eating. *J Am Geriat Soc*, 44:456-464, 1996.
- Langmore SE**, Terpenning MS, Schork A, Chen Y, Murray JT, Lopatin D, Loesche WJ. Predictors of aspiration pneumonia: how important is dysphagia? *Dysphagia*, 13:2: 69-81, 1998.
- Langmore SE**. Issues in the management of dysphagia. *Folia Phoniat Logopaed*, 51:4: 219-28,1999.
- Langmore SE**. Risk factors for aspiration pneumonia. *Nutrition in Clin Practice*, 14;5:S41-46,1999
- Langmore SE**, Skarupski K, Parks, P, Fries B. Predictors of Aspiration Pneumonia in Nursing Home Residents. *Dysphagia*,17:4, 298-307, 2002.
- Robbins J, **Langmore S**, Hind JA, Erlichman M. Dysphagia research in the 21st century and beyond: Proceedings from Dysphagia Experts Meeting, August 21, 2001. *J Rehabil Res Developmt*, 39, 4: 543-548, 2002.
- Lomen-Hoerth C, Murphy J, **Langmore SE**, Kramer JH, Olney RK, Miller B. Are Amyotrophic lateral sclerosis patients cognitively normal? *Neurology*, Apr 8; 60 (7): 1094-7, 2003.
- Robb GL, Lewin JS, Deschler DG, Haughey BH, Brown DH, **Langmore SE**, Lewin, JS. Speech and swallowing outcomes in reconstructions of the pharynx and cervical esophagus. *Head & Neck*, March, 25, 232-44, 2003
- Langmore SE**. FEES: A procedure for evaluating and managing patients with dysphagia. *Journal of Japanese Soc of Dysphagia Rehabilitation*, 2003.
- VanDaele D, **Langmore SE**, Palmer, P, McCulloch T. Timing of glottic closure during swallowing: A combined electromyographic and endoscopic analysis. *Ann Otol Rhin Laryn*, 114: 478-87, 2005.
- Olney, R, Murphy, J, Forsheew, D, Garwood E, Miller BL, **Langmore, S.**, Kohn, MA, Lomen-Hoerth, C. The effects of executive and behavioral dysfunction on the course of ALS. *Neurology*, 65 (11): 1774-7, 2005.
- Langmore SE**, Kasarskis EJK, Manca ML, Olney RO. Enteral Feeding for amyotrophic lateral sclerosis/motor neuron disease. *Cochrane Database of Systematic Reviews*;2006 (4).
- Langmore SE**, Olney RK, Lomen-Hoerth CH, Miller B. Swallowing dysfunction in frontotemporal lobar dementia *Archives of Neurology*, 64:1:58-62, 2007.
- Robbins, J, and Swallowing Work Group: Butler, S., Daniels, S., Gross, R, **Langmore, S.**, Lazarus, C, Martin-Harris, B., McCabe, D., Musson, N, Rosenbeck, R., Neural plasticity, swallowing and dysphagia: Translating principles of neural plasticity into research on swallowing. *J Speech Lang Hear Res*, 31, 1, 2008.
- Langmore SE**, Grillone G, Elackattu A, Walsh M. Disorders of swallowing: Palliative care. *Otolaryngol Clinics North Am*, 42:1,87-105, 2009.
- Cohen SM, Elackattu AE, Noordzij JP, Walsh MJ, **Langmore SE**. Palliative treatment of dysphonia and dysarthria. *Otolaryngol Clinics North Am*, 42: 1, 107-122, 2009
- Langmore SE**, Zoccoli MC. The use of FEES and MBS studies in head and neck cancer patients. *Laryngoscope*, 119(S1):14, 2009.
- Langmore SE**, Krisciunas G, Podluzhnaya O, Outcomes of prophylactic vs therapeutic PEG. *Laryngoscope*, 119 (S1): 14. 2009.
- Kumar S, **Langmore S**, Goddeau RP Jr, Alhazzani A, Selim M, Caplan LR, Zhu L, Safdar A, Wagner C, Frayne C, Searls DE, Schlaug G Predictors of Percutaneous Endoscopic

- Gastrostomy Tube Placement in Patients with Severe Dysphagia from an Acute-Subacute Hemispheric Infarction. *J Stroke Cerebrovasc Dis.*, 2010.
- Hey C, Pluschinski P, Stanschus S, Euler HA, Sader RA, **Langmore S**, Neumann K A Documentation System to Save Time and Ensure Proper Application of the Fiberoptic Endoscopic Evaluation of Swallowing (FEES®). *Folia Phoniatr Logop.* 12;63(4):201-208, 2010.
- Pearson WG Jr, **Langmore SE**, Zumwalt AC Evaluating the Structural Properties of Suprahyoid Muscles and their Potential for Moving the Hyoid.. *Dysphagia.* Dec:26(4):345-51, 2011.
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2. Other Publications

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- Langmore SE**. Laryngeal sensation: a touchy subject. (Editorial), *Dysphagia*, 13:2: 93-4, 1998.
- Langmore SE**. Re: Kaye et al, 1997: Letter to the editor, *Ann Otol Rhin Laryngol*, 107:5: 446, 1998.
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3. Books

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4. Book Chapters

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Curtis, J. and **Langmore, S.** Respiratory function in its relation to deglutition. In Deglutition and its Disorders. A. Perlman and C. Schulze-Delrieu (Eds.) Singular Publ. Co., San Diego, 1997.

Karnell, M. and **Langmore, SE.** Endoscopy in swallowing and speech for the speech language pathologist. In Medical Speech-Language Pathology: A Practitioner's Guide. A. Johnson and B. Jacobson (Eds.) Thieme Medical Publishers, New York, NY, 1997.

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Langmore SE. Cases of Upper Esophageal Sphincter dysfunction and Reduced bolus clearance at the level of the valleculae. Chapter in: Cases: Head and Neck Imaging (2st edition). Sakai, Osamu, (Ed) McGraw-Hill, IL

Langmore SE, Murray JT. Flexible Endoscopic Evaluation of Swallowing. In Shaker R, Postma G, Belafsky P, and Easterling C (Eds) Principles of Deglutition: A Multidisciplinary Text for Swallowing and its Disorders (2012)

5. Other (Electronic programs, Web-based articles, etc.)

Langmore, SE. Featured speaker for National Center for Neurogenic Communication Disorders, University of Arizona Telerounds, November 3, 1999.

Langmore SE. FEES: A Self-Study Videotape. American Speech-Language-Hearing Association, 2002.

Langmore, SE. Endoscopic evaluation of oral and pharyngeal phases of swallowing. In Goyal and Shaker's GI Motility Online. Edited by Goyal, RK and Shaker, R. Nature Publ.Group, New York, 2006. doi:10.1038/gomo 28.

RESEARCH FUNDING – Grant Support Information

Name of Grant, Granting Agency, Dates and Dollar Amount Available to Applicant

DVA Medical Research Merit Review	Langmore (PI)	1985-1987	\$50,000
Physiological and Perceptual Assessment of Three Types of Dysarthria			
Role: Principal Investigator			

NIH/ NIDR	Langmore, SE	1990-1995	\$1,000,000
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Risk factors for aspiration pneumonia in elderly dysphagic patients
Role: Principal Investigator, Project IV of Program Project (W. Loesche, Director)

UCSF -REAC Grant (Intramural Funding) Langmore (PI) 01/01/01 -12/31/01 \$25,000
Dubois Fund and E. Brand Research Fund REAC Grant
Non-Invasive Measures of Bulbar Involvement in Patients with ALS
This project identified physiologic and acoustic indicators of early bulbar involvement in patients with ALS
Role: Principal Investigator

NIH/ NIA – PPG Miller (PI) 7/1/02 - 6/30/04 \$120,000
Frontotemporal Dementia: Genes, Images, and Emotions
Goals of my project were to identify sub-clinical indicators of abnormal motor function in the tongue, larynx, and/or velopharynx in patients suspected to have FTLN or other neurodegenerative diseases.
Role: Co-Investigator

DVA/ RR&D Merit Review - McHorney (PI) 2/1/02-1/31/05 \$50,000
Extension of SWAL-QOL to Esophageal Dysphagia
This project developed a tool for measuring quality of life in persons with esophageal dysphagia.
Role: Co-Investigator

NIH/NIDCD RO1 Nagaraja (PI) 6/1/04 – 5/31-06 \$40,000
Neural mechanisms of auditory feedback during speech
This project will use imaging techniques to investigate the mechanism of auditory feedback during speech in healthy persons and persons with Parkinson's Disease.
Role: Co-Investigator

NIH/NCI Langmore (PI) 07/06/07 – 06/30/12 \$3,446,767
Efficacy of Electrical Stimulation for Dysphagia in Head & Neck Cancer Patients
This multi-institutional randomized clinical trial will compare outcomes of patients with swallowing problems post-radiation therapy who are given aggressive exercise plus electrical stimulation to similar patients who are given aggressive exercise plus sham electrical stimulation to improved their swallow function.
Role: Principal Investigator

Private non-profit corporation Langmore (PI) 3/1/2011-12/31/2013 \$209,000
Griffin laboratories
Pilot study to Assess Effectiveness of VocaLog to Increase Habitual Loudness in Patients with Parkinson's Disease
This pilot exploratory study will determine if this biofeedback device is effective in increasing and maintaining a louder voice in patients with Parkinson's Disease. If successful, it will lead to an application for federal funding with an RCT design
Role: PI

Private non-profit corporation Langmore (PI) 6/1/2012 – 5/31/2013 \$30,000
Sage Products
The effectiveness of implanting an oral care protocol in the acute care setting, acute care wards of a tertiary medical center.
This pilot study will determine whether a standardized oral care protocol will reduce the rates of nosocomial pneumonia in the acute care wards of a tertiary care medical center.

Role: PI

1 RO1 DC-12584-01A1
NIH/NIDCD

Kumar (PI)

4/1/2013 – 3/31/18

(pending final notice of award)

Non-invasive brain stimulation for swallowing recovery after a dysphagic stroke

This clinical trial will determine safety and effectiveness of anodal transcranial direct current stimulation (tDCS) on improving dysphagia caused by an acute-subacute hemispheric infarction.

Role: Co Investigator.