

**Melda Kunduk PhD, CCC-SLP**  
**Assistant Professor**  
**LSU Department of Communication Sciences and Disorders Baton Rouge**  
**LSUHSC-Otolaryngology-H&N Surgery, New Orleans**  
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## **Education**

PhD, Department of Communication Disorders  
University of Wisconsin-Madison, 2004

Master of Science: Human Communication,  
City University, London, England 1989-90.

Post Graduate Degree: Clinical Communication Disorders,  
City University, London, England 1986-89.

Bachelor's Degree: Child Education and Development  
University of Hacettepe, Ankara, Turkey 1978-82.

## **Professional Experience/Employment History**

8/21/2006-	<u>Assistant Professor</u> , LSU Department of Communication Sciences and Disorders, Baton Rouge, LA
8/21/2006-	<u>Adjunct Professor</u> , LSU-SAHP Department of communication Disorders, New Orleans, LA
2/3/2006 -	<u>Adjunct Professor</u> , LSU-Life Course and Aging Center
9/1/2003-8/19/2006	<u>Assistant Professor</u> , LSU-SAHP Department of Communication Disorders, New Orleans, LA.
14/7/97-8/31/2002	<u>Research Assistant</u> University Hospitals and Clinics-Department of Surgery/Otolaryngology and Head and Neck Surgery, University of Wisconsin-Madison
1/11//90-1/7/97	<u>Speech pathologist</u> , International Hospital, Istanbul, Turkey.

## **Certification/Licensure**

1998 present American Speech and Hearing Association #  
1997-2002 Wisconsin Speech and Hearing Association #  
2003-present Louisiana Speech and Hearing Association #

## **Professional Organization Memberships**

1998 present American Speech and Hearing Association #  
1997-2002 Wisconsin Speech and Hearing Association #  
2003-present Louisiana Speech and Hearing Association

### **Departmental Teaching Duties:**

Voice Disorders  
Dysphagia  
Laryngectomy  
Cleft Palate

### **Clinical Work:**

-LSU/Otolaryngology-Head and Neck Surgery/Voice Center, New Orleans.  
-OLOL Voice Center, Baton Rouge

- Assessment and treatment of adults with voice disorders, paradoxical vocal cord dysfunction and spasmodic dysphonia by employing perceptual, acoustic, aerodynamic and imaging (Videostroboscopy and High-speed digital imaging(HSDI) techniques.
- Assessment and treatment of adults for voice restoration following total laryngectomy.
- Assessment and treatment of swallowing disorders in adult outpatients using the videofluoroscopy and flexible endoscope (FEES).

### **Clinical-Research Interests**

- Investigating true vocal fold vibratory characteristics in normal and pathological voices using high-speed digital imaging technique.
- Dysphagia in Head and Neck cancer population.

### **Publications**

#### Refereed Publications

**Kunduk M, Yan Y., McWhorter, A., Bless, D.** (2006) Investigation of voice initiation and voice offset characteristics with high-speed digital imaging. *Logopedics Phoniatrics Vocology*, Volume 31, Number 3, pp. 139-144, October.  
Yan, Y., Ahmad, K., **Kunduk, M** Bless D. (2005). Analysis of vocal fold vibrations from high-speed laryngeal images using a Hilbert Transform –Based methodology. *J. Voice* 9(2):161-175.006,

#### Selected Oral/Platform Presentations at Professional Meetings

Yan Y, McWhorter A. **Kunduk M.** The vocal folds' vibratory characteristics in voice tremor and adductor spasmodic dysphonia investigated with high-speed digital imaging. The 5th International Conference on Voice Physiology and Biomechanics Variations across Cultures and Species July 12--14 2006, Tokyo, Japan

**Kunduk, M** L. Carroll, U. Eysholdt, M. Behlau, , June 21, Wednesday 9.00-10.30, Voice Labrotary Panel. World Voice Conference, Istanbul, Turkey June 19-22, 2006

**Kunduk, M.**, Yan, Y., McWhorter, A., Bless, D. Investigation of voice initiation and voice offset characteristics with high-speed digital imaging. PEVOC Conference, London /UK. August 31-September 3, 2005.

**Kunduk M.** Muscle Tension Dysphonia and its treatment. Louisiana Speech and Hearing Association Convention. New Orleans, June 10-11, 2005.

**Kunduk M.** New imaging techniques of vocal fold vibrations Louisiana Speech and Hearing Association Convention. New Orleans, June 10-11, 2005.

**Kunduk M.** , Bless D., McWhorter, A., Yan, Y. High Speed Digital Imaging: Clinical and Research Application. UCSF Voice Conference, San Francisco, October 21-23, 2004.

**Kunduk M.**, S. Hirano, MD., D. Bless, PhD., K. Ahmed MD, C. Ford, MD. Voice Initiation Patterns in Young and Old Females. 33. Annual Symposium: Care of Professional Voice, Philadelphia. June2-6, 2004.

### Poster Presentations at Professional Meetings

Yan Y. Delmrose. **Kunduk M.** Laryngeal Imaging and Analysis of the Glottal Waveform. AAO-HNSF September 17-20, 2006 Toronto, Ontario, Canada

**Kunduk M.** Robbins J., Dengel G., Gill G., Heisey D.

Quantying vallecular area during chin down posture. Poster session. Dysphagia Research Society Meeting, Savannah, Georgia, October, 2000

**Kunduk M.** , Ford CN., Bless D.

Effects of lidocaine injection on hyperfunctional voice disorders. Poster Session. ASHA convention, San Francisco, November 1999.

### Other Professional Presentations

McWhorter A.. MD, **Kunduk M. PhD.** Transnasal Esophagoscopy Course. New Orleans, April 16, 2005.

McWhorter A.. MD,. **Kunduk M PhD.** Transnasal Esophagoscopy Course. New Orleans, March 11, 2005

McWhorter A.. MD, **Kunduk M. PhD.** Transnasal Esophagoscopy Course. New Orleans, October 7, 2004.

McWhorter. MD A., **Kunduk M. PhD.** Transnasal Esophagoscopy Course. New Orleans, June 27, 2004.