

## **CURRICULUM VITAE**

September 2005

## **SUSAN E. BAKER**

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Miami University  
Oxford, Ohio 45056  
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### **EDUCATION**

**August 2003 Doctorate of Philosophy, University of Florida, Gainesville, Florida.**

Major: Speech Pathology

Dissertation Topic: Expiratory muscle strength training and detraining: Effects on speech and cough production.

Advisor: Christine Sapienza, Ph.D.

**May 1999 Master of Arts, Miami University, Oxford, Ohio.**

Major: Speech Pathology

**May 1997 Bachelor of Science, Bachelor of Science in Education, *magna cum laude*, Miami University, Oxford, Ohio.**

Major: Speech Pathology and Audiology

Minor: Spanish

### **EMPLOYMENT**

**Miami University, Department of Speech Pathology and Audiology, Oxford, Ohio.**

August 2003 – present

Assistant Professor

**Cincinnati Children's Hospital Medical Center, Department of Speech Pathology, Cincinnati, Ohio**

January 2004 – present

Speech Pathologist/Scientist

**University of Florida, Department of Communication Sciences and Disorders, Gainesville, Florida**

August 2000 – August 2003

Research and Teaching Assistant/Clinical Supervisor

**University of Florida, Department of Otolaryngology  
Gainesville, Florida**

January 2001- July 2003  
Speech-Language Pathologist

**University of Central Florida, Orlando, Florida**

August 2002 – December 2002  
Adjunct Instructor

**TheraTrust, Inc., Newark, Ohio**

July 1999-July 2000  
Speech-Language Pathologist  
Provided speech therapy services in skilled nursing and long-term care facilities

**TEACHING EXPERIENCE**

Speech and Hearing Anatomy and Physiology  
Speech and Hearing Science  
Research Methods  
Voice Disorders

**CURRENT CERTIFICATION AND LICENSURE**

State of Ohio, Speech-Language Pathology Licensure, October 2003  
American Speech Language Hearing Association, Certificate of Clinical Competence, June 2000.

**PROFESSIONAL AFFILIATIONS**

American Speech-Language-Hearing Association (Special Interest Division 3 member)  
Ohio Speech Language and Hearing Association  
Ohio Voice Association

**SERVICE**

Associate Editor for the American Speech-Language-Hearing Association Special Interest Division 3: Voice and Voice Disorders *Perspectives Publication*.

**AWARDS**

2nd Place award for Poster Presentations, Florida Association of Speech-Language Pathologists and Audiologists Convention, 2003.  
College of Liberal Arts and Science Travel Fellowship, University of Florida, 2003  
American Speech-Language-Hearing Association Foundation Graduate Student Scholarship Recipient, 2002  
Florida Association of Speech-Language Pathologists and Audiologists Graduate Student Scholarship, 2002  
1st Place award for Poster Presentations, Florida Association of Speech-Language Pathologists and Audiologists Convention, 2002.

2nd Place award in Health and Human Performance Poster Presentations, University of Florida,  
Graduate and Professional Student Forum, 2002

## HONORS

Grinter Fellowship, University of Florida, 2000-03  
Graduate Teaching Assistantship, University of Florida, 2000-03  
Graduate Research Assistantship, Miami University, 1997-99  
Phi Beta Kappa  
Phi Kappa Phi  
Mortar Board

## GRANTS

Faculty Research Grant, Submitted to Miami University Committee on Faculty Research.  
“Effects of increased aerobic activity on speech production during physical exercise.” Funded  
November 2003: \$1500 & Graduate Assistant for 2005-06 school year.

College of Arts and Science Small Instructional Grant. Funded October 2004: \$580.

Advancing Academic-Research Careers Award, Submitted to the American Speech, Language,  
and Hearing Association. Funded August 2004: \$5000.

Small Grant to Improve Teaching, Submitted to the Miami University Committee for the  
Enhancement of Learning and Teaching. Funded March 2004: \$300

Summer Research Grant, “Expiratory muscle strength training: Examination of training  
duration,” Submitted to the Miami University College of Arts and Science. Funded for Summer  
2004: \$4000

## PUBLICATIONS

### *Peer-reviewed*

Constantinidou, F., Sarap, M., Nelson, D., & **Baker, S.** Modality preferences in childhood  
depression. In Review.

**Baker, S.**, Kelchner, L., Weinrich, B., Zur, K., Lee, L., Willging, P., & Cotton, R. Voice  
assessment and treatment considerations in pediatric laryngotracheal stenosis. *In press.*  
*Journal of Voice.*

**Baker, S.**, Davenport, P., & Sapienza, C. (In press). Examination of training and detraining  
effects in expiratory muscles. *Journal of Speech, Language, Hearing Research.*

Hoffman Ruddy, B., Davenport, P., Martin, D., **Baker, S.**, Baylor, J., & Lehman, J. (2004).  
Inspiratory Muscle Strength Training with Behavioral Therapy in a Case of a Rower with

Exercise Induced Paradoxical Vocal Fold Dysfunction. *International Journal of Pediatric Otorhinolaryngology*, 68(10).

Sapienza, C., Hoffman Ruddy, B., & **Baker, S.** (2004). Laryngeal Structure and Function in the Pediatric Larynx: Clinical Applications. *Language, Speech, and Hearing in the Schools*, 35(4), 299-307.

**Baker, S.**, Sapienza, C., Davenport, P., Martin, D., Hoffman, B., Woodson, G. (2003). Inspiratory muscle strength training: A case of bilateral abductor vocal fold paralysis. *Journal of Voice*, 17, 384-394.

**Baker, S.**, Sapienza, C., & Collins, S. (2003). Inspiratory muscle training in pediatric patients with vocal fold paralysis. *International Journal of Pediatric Otorhinolaryngology*, 67, 413-416.

Constantinidou, F., & **Baker, S.** (2002). Stimulus modality and verbal learning performance in normal aging. *Brain and Language*, 82, 296-311.

#### **Non-peer reviewed**

**Baker, S.** A unique treatment option for a case of congenital bilateral vocal fold paralysis. Special Interest Division 3: Voice and Voice Disorders Newsletter, March 2002.

#### **INTERNATIONAL, NATIONAL, AND STATE CONFERENCE PRESENTATIONS**

**Baker, S.**, Alessio, A., & Hipp, J. Examination of speech and voice characteristics during aerobic exercise. The Voice Foundation's 34<sup>th</sup> Annual Symposium: Care of the Professional Voice, Philadelphia, PA, June, 2005.

Weinrich, B., **Baker, S.**, Kelchner, L., Lee, L., Middendorf, J., Cotton, R., Willging, P., Zur, K., Bandaranayake, D., & Krival, K. Voice assessment in children with laryngotracheal pathology. Poster Session. The Voice Foundation's 34<sup>th</sup> Annual Symposium: Care of the Professional Voice, Philadelphia, PA, June, 2005.

Hart, C., & **Baker, S.** Detraining effects of expiratory muscle strength training. Poster Session. Ohio Speech-Language-Hearing Association Convention, Columbus, OH, March 2005.

Bandaranayake, D., Krival, K., Cotton, R., Willging, P., Zur, K., Kelchner, L., Lee, L., **Baker, S.**, Weinrich, B., Middendorf, J. Voice following pediatric airway reconstruction. Poster Session. Ohio Speech-Language-Hearing Association Convention, Columbus, OH, March 2005.

Willging, P., Zur, K., Kelchner, L., Weinrich, B., **Baker, S.**, Middendorf, J. Pediatric Laryngotracheal Pathology. Seminar, Ohio Voice Association, Columbus, OH, March 2005.

- Cotton, R. Willging, P., Zur, K., Kelchner, L., Lee, L., **Baker, S.**, Weinrich, B., Middendorf, J. Pediatric Laryngotracheal Pathology: Surgical Reconstruction and Voicing Issues. Seminar, American Speech-Language-Hearing Association, Philadelphia, PA, November, 2004.
- Baker, S.**, Sapienza, C., & Davenport, P. Expiratory muscle strength training: Effects of speech and cough production. Poster Session. Conference on Motor Speech, Albuquerque, New Mexico, March 2004.
- Baker, S.**, & Sapienza, C. What is respiratory muscle training all about? Technique and clinical applications. Platform presentation. Communicare Voice Conference, Park City, Utah, March, 2004.
- Baker, S.**, Sapienza, C., Davenport, P., Martin, D. Respiratory muscle training: Research findings and clinical applications. Poster Session, American Speech-Language-Hearing Association, Chicago, Illinois, November, 2003.
- Baker, S.**, Sapienza, C, Brown, W., & Rothman, R. Examination of an expiratory muscle strength training paradigm: Effects on cough and speech. The Voice Foundation's 32nd Annual Symposium: Care of the Professional Voice, Philadelphia, Pennsylvania, June 2003.
- Baker, S.**, Sapienza, C., & Collins, S. Inspiratory muscle training in pediatric patients with vocal fold paralysis, The Voice Foundation's 32nd Annual Symposium: Care of the Professional Voice, Philadelphia, Pennsylvania, June 2003.
- Pearson, E., **Baker, S.**, Wingate, J., Shrivastav, R., Sapienza, C. Source Characteristics of Male and Female Voices Extracted from Acoustic and Aerodynamic Signals, The Voice Foundation's 32nd Annual Symposium: Care of the Professional Voice, Philadelphia, Pennsylvania, June 2003.
- Baker, S.**, Sapienza, C, Brown, W., & Rothman, R. Examination of an expiratory muscle strength training: Effects on cough and speech production. Poster Session. Florida Association of Speech Language Pathologists and Audiologists Convention, Marco Island, Florida, May 2003.
- Baker, S.**, Sapienza, C., Davenport, P., Martin, D., Hoffman, B., Woodson, G. Inspiratory muscle strength training in a patient with laryngeal dysfunction. Florida Association of Speech Language Pathologists and Audiologists Convention, Sarasota, Florida, May 2002.
- Constantinidou, F., & **Baker, S.** The influence of stimulus modality on memory performance in older adults. Poster Session. International Neuropsychological Society Meeting, Toronto, Canada, February, 2002.

**Baker, S.,** Sapienza, C., Davenport, P., Martin, D., Hoffman, B., Woodson, G. Inspiratory muscle strength training in a patient with laryngeal dysfunction. Poster Session, American Speech-Language-Hearing Association, New Orleans, Louisiana, November, 2001.

Ruddy, B.H., Wingate, J., Sapienza, C., **Baker, S.** Vocal health in occupational voices: Unique assessment and treatment options. Mini-Seminar, American Speech-Language-Hearing Association, New Orleans, Louisiana, November, 2001.

**Baker, S.,** & Constantinidou, F. The effects of individual learning style and stimulus modality on memory performance in older adults. Technical Presentation, American Speech-Language-Hearing Association, San Francisco, California, November, 1999.

Farmer, S., Reichenecker, R., Gering, D., Coyle, S., **Baker, S.,** Blagg, M., Bloom, J., & Kotys, A. Vocal hygiene training effects on voice attrition of classroom teachers. Poster Presentation, American Speech-Language-Hearing Association, San Antonio, Texas, 1998.

**Baker, S.** & Kelly, L. A comparison of performance intensity functions obtained with isophonemic, W-22, and Nu#6 word lists. Poster Presentation, Ohio Speech and Hearing Association, Columbus, Ohio, 1997.

#### **INVITED PRESENTATIONS**

Elluru, R., **Baker, S.,** & Kelchner, L. Pediatric Voice Assessment and Treatment Paradigms. Grand Rounds, Cincinnati Children's Hospital Medical Center, September 2005.

**Baker, S.** Voice Assessment and Treatment for Children with Laryngotracheal Pathology. Department of Pediatric Otolaryngology, University of Pennsylvania/Children's Hospital of Philadelphia, August 2005.

**Baker, S.,** & Zur, K. Voice outcomes after laryngotracheal surgery. Resident Teaching Day, University of Cincinnati, Department of Otolaryngology, June, 2005.

**Baker, S.** Evaluation and treatment of Voice Disorders: The role of the speech-language pathologist. Department of Surgery: Otolaryngology Division, Southern Illinois University School of Medicine, Springfield, Illinois, April 2004.

**Baker, S.** Respiratory muscle strength training: Applications to speech pathology. Central Illinois Speech Pathology Association, April 2004.

**Baker, S.** Respiratory Muscle Training. Inaugural Meeting of the Ohio Voice Association. The Ohio State University, Columbus, Ohio, September 2003.

**Baker, S.** Diagnosis and treatment of voice disorders. Annual International Summer Program of Speech, Language and Hearing. University of Florida, Gainesville, FL, July 2002.

Hoffman Ruddy, B., & **Baker, S.** Speech and swallowing disorders in patients with Parkinson's Disease. American Parkinson's Disease Association: Orlando Chapter, November 2001.