

# Elizabeth A. Strickland, Ph.D.

## **CURRICULUM VITAE**

Elizabeth A. Strickland  
(765) 494-3804  
Fax: (765) 494-0771  
estrick@purdue.edu

## **EDUCATION**

Degree Year Institution Years

B.A. 1980 Brown University 1976-1980

M.S. 1984 Purdue University 1981-1984

Ph.D. 1994 University of Minnesota 1986-1994

## **RESEARCH AND PROFESSIONAL EXPERIENCE**

Dates Institution

2001-present Associate Professor, Department of Speech, Language, and Hearing Sciences, Purdue University

1995-2001 Assistant Professor, Department of Speech, Language, and Hearing Sciences, Purdue University

1994-1995 Post-doctoral fellow, Psychology Department, University of Florida

1994 Scientist, Psychology Department, University of Minnesota

1985-1986 Research Audiologist, House Ear Institute

## **PUBLISHED WORK**

Strickland, E. A. (2001). The relationship between frequency selectivity and overshoot. *Journal of the Acoustical Society of America*, 109, 2062-2073.

Strickland, E. A. and Dhar, S. (2000). An analysis of quasi-frequency-modulated noise and random-sideband noise as comparisons for amplitude-modulated noise. *Journal of the Acoustical Society of America*, 108, 735-742.

Strickland, E. A. (2000). The effects of frequency region and level on the temporal modulation transfer function. *Journal of the Acoustical Society of America*, 107, 942-952.

Strickland, E. A. and Viemeister, N. F. (1997). The effects of frequency region and bandwidth on the temporal modulation transfer function. *Journal of the Acoustical Society of America* 102, 1799-1810.

Strickland, E. A. and Viemeister, N. F. (1996). Cues for discrimination of envelopes. *Journal of the Acoustical Society of America* 99, 3638-3646.

Strickland, E. A., Viemeister, N. F., Van Tasell, D. J. and Preminger, J. E. (1994). Is useful speech information carried by fibers with high characteristic frequencies? *Journal of the Acoustical Society of America*, 95, 497-501.

Strickland, E. A., Viemeister, N. F., Fantini, D. A. and Garrison, M. A. (1989). Within-versus cross-channel mechanisms in detection of envelope phase disparity. *Journal of the Acoustical Society of America*, 86, 2160-2166.

Strickland, E. A., Burns, E. M. and Tubis, A. (1985). Incidence of spontaneous otoacoustic emissions in children and infants. *Journal of the Acoustical Society of America*, 78, 931-935.

Burns, E. M., Strickland, E. A., Tubis, A. and Jones, K. (1984). Interactions among spontaneous otoacoustic emissions. I. Distortion products and linked emissions. *Hearing Research*, 16, 271-278.

## **RECENT PRESENTATIONS**

Strickland, E. A. (2001, August). Psychoacoustic evidence for changes in nonlinearity with sound stimulation. Paper presented at The Perceptual Consequences of Cochlear Nonlinearity, Delmenhorst, Germany.

Strickland, E. A. (2001, June). Growth of masker level with signal level as a function of preceding stimulation. Poster presented at the 141st Meeting of the Acoustical Society of America, Chicago, IL.

Strickland, E. A. (2001, February). Dynamic changes in auditory filtering. Northwestern University Seminar on Hearing.

Strickland, E. A. (2000, June). Filter shapes for long-duration signals and for short-duration signals as a function of signal delay from masker onset. Poster presented at the 139th Meeting of the Acoustical Society of America, Atlanta, GA.

Strickland, E. A. (1999, March). Further examination of the relationship between overshoot and filtering. Paper presented at the Joint Meeting of the 137th Regular Meeting of the Acoustical Society of America and the 2nd Convention of the European Acoustics Association: Forum Acusticum 99 integrating the 25th German Acoustics DAGA Conference, Berlin, Germany.

Strickland, E. A. (1998, June). Filter shapes for brief signals as a function of preceding stimulation. Paper presented at the 16th International Congress on Acoustics and the 135th Meeting of the Acoustical Society of America, Seattle, WA.

Strickland, E. A. (1997, June). Further examination of the relationship between auditory filter bandwidth and temporal resolution. Paper presented at the 133rd Meeting of the Acoustical Society of America, State College, PA.

Strickland, E. A. (1995, June). The relationship between auditory filter bandwidth and temporal resolution. Paper presented at the 129th Meeting of the Acoustical Society of America, Washington, DC.

Strickland, E. A. and Viemeister, N. F. (1995, February). An attempt to find psychophysical evidence for efferent action in humans. Poster presented at the Midwinter Research Meeting of the Association for Research in Otolaryngology, St. Petersburg Beach, FL.

#### **EXTRAMURAL GRANTS RECEIVED**

National Institutes of Health (NIDCD), Principal Investigator, "Dynamic processes in the auditory system" (R03 DC03510-01).