

**CURRICULUM VITAE**  
**Tracy S. Fitzgerald**

**Affiliation**

Department of Hearing and Speech Sciences, University of Maryland at College Park  
 Program in Neuroscience and Cognitive Science, University of Maryland at College Park

**Education**

2001	Ph.D. Audiology	Syracuse University, Syracuse, NY
1993	M.S. Audiology	Syracuse University, Syracuse, NY
1991	B.A. Speech, Language, & Hearing <i>Summa cum laude</i>	Rutgers University, New Brunswick, NJ

**Employment Background**

2003-present	Assistant Professor Department of Hearing & Speech Sciences University of Maryland at College Park, College Park, MD
2001-2002	Post-Doctoral Scientist Children's Auditory Research and Evaluation Center House Ear Institute, Los Angeles, CA
2000	Clinical Audiologist/Clinical Supervisor/Teaching Assistant Gebbie Speech & Hearing Clinic Department of Communication Sciences and Disorders Syracuse University, Syracuse, NY
1999	Adjunct Professor Department of Communication Sciences and Disorders Syracuse University, Syracuse, NY
1998-1999	Instructor Department of Communication Sciences and Disorders Syracuse University, Syracuse, NY
1997-1998	Graduate Research/Teaching Assistant Department of Communication Sciences and Disorders Syracuse University, Syracuse, NY
1995-1996	Instructor of Audiology/Research Department of Otolaryngology and Communicative Sciences Medical University of South Carolina, Charleston, SC

- 1994-1995 Consulting Audiologist to the Department of Newborn Services  
Crouse-Irving Memorial Hospital, Syracuse, NY
- 1991-1995 Graduate Research Assistant  
Department of Communication Sciences and Disorders  
Syracuse University, Syracuse, NY

## **RESEARCH, SCHOLARLY, AND CREATIVE ACTIVITIES**

### **Book Chapters**

1. Prieve, B. A., & Fitzgerald, T. S. (2002). Otoacoustic emissions and their clinical application. In J. Katz (Ed.), *Handbook of Clinical Audiology, 5th edition* (pp. 440-466). Baltimore: Lippincott, Williams & Wilkins.
  - 1.1. Prieve, B. A., & Fitzgerald, T. S. (in press). Otoacoustic emissions and their clinical application. In J. Katz (Ed.), *Handbook of Clinical Audiology, 6<sup>th</sup> edition*. Baltimore: Lippincott, Williams & Wilkins.

### **Articles in Refereed Journals**

1. Fitzgerald, T. S., & Prieve, B. A. (1997). COAE Thresholds I: Effects of equal-amplitude vs. subtraction methods. *Journal of Speech, Language, and Hearing Research, 40*, 1164-1176. (Recognized as one of the "Best of 1997 in Diagnostic Audiology" by *The Hearing Journal*.)
2. Prieve, B. A., Fitzgerald, T. S., & Schulte, L. E. (1997). Basic characteristics of COAEs in infants and children. *Journal of the Acoustical Society of America, 102*, 2860-2870.
3. Prieve, B. A., Fitzgerald, T. S., Schulte, L. E., & Kemp, D. T. (1997). Basic characteristics of DPOAEs in infants and children. *Journal of the Acoustical Society of America, 102*, 2871-2879.
4. Abdala, C., & Fitzgerald, T. (2003). Ipsilateral distortion product otoacoustic emission (2f1-f2) suppression in children with sensorineural hearing loss. *Journal of the Acoustical Society of America, 114*, 919-931.
5. Fitzgerald, T. S., & Prieve, B. A. (2005). Detection of hearing loss using the 2f2-f1 and 2f1-f2 distortion product otoacoustic emissions. *Journal of Speech, Language, and Hearing Research, 48*, 1165-1186. (Recognized as one of the "Best of 2005 in Hearing Science" by *The Hearing Journal*.)
6. Calandruccio, L., Fitzgerald, T. S., & Prieve, B. A. (2006). Normative multifrequency tympanometry in infants and toddlers. *Journal of the American Academy of Audiology, 17*, 470-480.
7. Prieve, B. A., Calandruccio, L., Fitzgerald, T., Georgantas, L. M., & Mazevski, A. (2008). Changes in transient-evoked otoacoustic emissions with negative tympanometric peak pressure in infants and toddlers. *Ear & Hearing, 29*, 533-542.

## **Talks, Abstracts, and Other Professional Papers Presented**

### Invited Talks

1. Fitzgerald, T. S. (2000). Does the noise in my head bother you? The story of otoacoustic emissions. Pathways to Knowledge Lecture Series (for undergraduates), Syracuse University, Syracuse, NY, April.
2. Fitzgerald, T. S. (2000). Examination of the 2f<sub>2</sub>-f<sub>1</sub> distortion-product otoacoustic emission in normal-hearing and hearing-impaired ears and its potential for use in the detection of hearing loss. Boystown Research Hospital, Omaha, NE, June.
3. Fitzgerald, T.S. (2000). Examination of the 2f<sub>2</sub>-f<sub>1</sub> distortion-product otoacoustic emission in normal-hearing and hearing-impaired ears and its potential for use in the detection of hearing loss. House Ear Institute, Los Angeles, CA, July.
4. Fitzgerald, T.S. (2003). Distortion-product otoacoustic emission (2f<sub>1</sub>-f<sub>2</sub>) tuning curves in normal-hearing and hearing-impaired ears. Fall Research Workshop of the Doctoral Program in Clinical Audiology, University of Maryland at College Park, College Park, MD, September.
5. Fitzgerald, T.S. (2006). Threshold estimation with otoacoustic emissions. Winter Research Workshop of the Doctoral Program in Clinical Audiology, University of Maryland at College Park, College Park, MD, January.

### Contributed Papers at Professional Meetings

1. Prieve, B., & Fitzgerald T. (1993). Transient-evoked otoacoustic emissions input/output functions in children. Abstracts of the Sixteenth Midwinter Meeting of the Association for Research in Otolaryngology, p. 132.
2. Prieve, B., Falter, S., & Fitzgerald, T. (1993). COAEs and DPOAEs in infants, children, and adults. Presentation at the New York State Speech-Language-Hearing Association.
3. Prieve, B., & Fitzgerald, T. (1993). DPOAEs in infants, toddlers, and children. Presentation to the International Evoked Response Audiometry Study Group, p. 27.
4. Fitzgerald, T., & Prieve, B. (1994). Comparison of click-evoked otoacoustic emission thresholds with psychophysical thresholds. Abstracts of the Seventeenth Midwinter Meeting of the Association for Research in Otolaryngology, p. 47.
5. Prieve, B.A., & Fitzgerald, T.S. (1995). Basic characteristics of COAEs and DPOAEs in infants and children. Abstracts of the Eighteenth Midwinter Meeting of the Association for Research in Otolaryngology, p. 125.
6. Prieve, B.A., & Fitzgerald, T.S. (1995). OAEs in infants and children. Abstracts of the American Academy of Audiology, p. 25.

7. Fitzgerald, T.S. (1996). Comparison of click-evoked otoacoustic emission thresholds measured in 1/3 octave bands with psychophysical thresholds. Presentation at the Advances in Hearing Science Conference at the State University of New York at Buffalo.
8. Prieve, B.A., & Fitzgerald, T.S. (1997). Preliminary results from a longitudinal study of otoacoustic emissions in infants. Abstracts of the Twentieth Midwinter Meeting of the Association for Research in Otolaryngology, p. 166.
9. Prieve, B.A., & Fitzgerald, T.S. (1998). Preliminary results from a longitudinal study of distortion-product otoacoustic emissions in infants. Abstracts of the Twenty-First Midwinter Meeting of the Association for Research in Otolaryngology, p. 89.
10. Prieve, B.A., Fitzgerald, T.S., & Hancur, C.A. (1999). Practical considerations in measuring OAEs in infants and children. Workshop at the New York State Speech-Language-Hearing Association 39<sup>th</sup> Annual Convention.
11. Fitzgerald, T.S., & Prieve, B.A. (1999). DPOAE frequency ratio functions in infants and adults. Abstracts of the Twenty-Second Midwinter Meeting of the Association for Research in Otolaryngology, p. 92.
12. Fitzgerald, T.S., & Prieve, B.A. (2001). Effects of altering primary (f1 and f2) stimulus parameters on the 2f2-f1 DPOAE in human adults. Abstracts of the Twenty-Fourth Midwinter Meeting of the Association for Research in Otolaryngology, p. 9.
13. Fitzgerald, T.S., & Prieve, B.A. (2002). Evaluation of auditory status using both 2f1-f2 and 2f2-f1 distortion-product otoacoustic emissions. Abstracts of the Twenty-Fifth Midwinter Meeting of the Association for Research in Otolaryngology, p. 204.
14. Fitzgerald, T.S., & Abdala, C. (2002). Ipsilateral DPOAE (2f1-f2) suppression in children with hearing loss: Preliminary data. Abstracts of the Twenty-Fifth Midwinter Meeting of the Association for Research in Otolaryngology, p. 204.
15. Fitzgerald, T., & Merkison, M. (2007). DPOAE Mechanisms and the estimation of hearing thresholds. Abstracts of the Thirtieth Annual Midwinter Meeting of the Association for Research in Otolaryngology, p. 177.
16. Roberts, C. M., Fitzgerald, T., Wilson, M., Zalewski, C., Goldbach-Mansky, R., & Brewer, C. (2007). The impact of rheumatoid arthritis on middle ear function. *The Bulletin of the American Auditory Society*, 32, 38.
17. McAlister, E., Gordon-Salant, S., & Fitzgerald, T. (2007). DPOAE suppression using ipsilateral forward maskers of varying bandwidth. *The Bulletin of the American Auditory Society*, 32, 46.
18. Fitzgerald, T., Burke, S., & Merkison, M. (2008). Wideband reflectance and age in adults. *The Bulletin of the American Auditory Society*, 33, 44.

19. King, K., Fitzgerald, T., Zalewski, C., Malloy, M., Tanji, K., & Brewer, C. (2008). The effect of anesthesia on hearing in the rhesus monkey. Abstracts of the American Academy of Audiology.

### **Contracts and Grants**

1. Research and Creative Projects Grant, Graduate School, Syracuse University, 1992, 1993.
2. Student Research Grant in Audiology, American Speech-Language-Hearing Foundation (1999-2000, Principal Investigator, \$2,000).
3. New Century Scholars Research Grant , American Speech-Language-Hearing Foundation “DPOAE mechanisms and the estimation of hearing loss” (2005-2006, Principal Investigator, \$10,000).
4. General Research Board Summer Award, University of Maryland, 2006.

### **Fellowships, Prizes, and Awards**

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| 2005                    | American Speech-Language-Hearing Foundation New Century Scholar Award (\$1500.00 travel funds) |
| 1999-2000               | Graduate Fellowship, Syracuse University   |
| 1995                    | Exemplary Research Apprenticeship Award, School of Education, Syracuse University              |
| 1993-1995,<br>1996-1997 | Graduate Fellowship (3 year), Syracuse University  |
| 1993                    | Master’s Prize, School of Education, Syracuse University                                       |
| 1992-1993               | Burton Blatt Scholarship, School of Education, Syracuse University                             |
| 1991                    | Corwin Fellowship, Douglass College at Rutgers University                                      |

### **Reviewing Activities for Journals and Other Learned Publications**

1. *Ad hoc* Reviewer (2002, 2005-present), *Journal of the American Academy of Audiology*.
2. *Ad hoc* Reviewer (2000, 2007-present), *Ear & Hearing*
3. *Ad hoc* Reviewer (2006-present), *Journal of the Acoustical Society of America*

## **TEACHING, MENTORING, AND ADVISING**

### **Courses Taught in the Last Five Years**

HESP 411	Introduction to Audiology	Spring 2003 (n = 9)
		Spring 2005 (n = 5)
		Spring 2006 (n = 24)
		Spring 2007 (n = 24)
HESP 630	Electrophysiological Measures I	Fall 2003 (n = 10)
		Fall 2004 (n = 9)
		Fall 2005 (n = 6)
		Fall 2006 (n = 8)
		Fall 2007 (n = 8)
		Fall 2008 (n = 7)
HESP 645	Pediatric Audiology	Fall 2003 (n = 6)
		Fall 2004 (n = 7)
		Fall 2005 (n = 8)
HESP 658a	Seminar: Clinical Topics in Hearing and Speech Sciences: Clinical Ethics	Summer 2005 (n = 11)
		Summer 2007 (n = 12)
HESP 706	Advanced Clinical Audiology	Spring 2003 (n = 10)
		Spring 2004 (n = 8)
		Spring 2005 (n = 7)
		Spring 2006 (n = 7)
		Spring 2007 (n = 8)
		Spring 2008 (n = 6)

### **Teaching Awards & Other Special Recognition**

2001 Outstanding Teaching Assistant Award, Graduate School, Syracuse University

### **Professional Memberships**

American Speech-Language-Hearing Association  
American Auditory Society  
Association for Research in Otolaryngology

### **Clinical Certification**

CCC-Audiology, American Speech-Language-Hearing Association