

## Curriculum Vitae

**Date:** 02-01-2015  
**Name:** Thomas F. Campbell  
**School:** Behavioral and Brain Sciences  
**Program:** Communication Sciences and Disorders  
**Center:** Callier Center for Communication Disorders

### **Educational History**

University of Wisconsin-Madison	1982	PhD	Communicative Disorders
University of Nebraska-Lincoln	1975	MA	Speech-Language Pathology
University of Nebraska-Lincoln	1974	BA	Speech-Language Pathology

### **Employment History**

#### ***University of Texas at Dallas (800 West Campbell Road, Richardson, TX, 75080)***

Professor, School of Behavioral and Brain Sciences, Communication Disorders, 2006-present  
Executive Director, Callier Center for Communication Disorders, 2006-present  
Sara T. Martineau Endowed Professorship in Communication Disorders, 2010-present  
The Ludwig A. Michael M.D. Callier Center Executive Directorship, 2012 -present

#### ***University of Pittsburgh (Pittsburgh, PA, 15260)***

Professor, Department of Communication Science and Disorders, 2005-2006  
Associate Professor, Department of Communication Science and Disorders, 1997-2005  
Associate Professor, Department of Neurology, 1994-1997  
Assistant Professor, Department of Neurology, 1987-1994

#### ***Children's Hospital of Pittsburgh of UPMC (Pittsburgh, PA, 15224)***

Director, Department of Audiology and Communication Disorders, 1992-2006  
Director, Department of Communication Disorder, 1987-1992  
Director, Center for Research on Acquired and Neurological Communication Disorders in Children, 1997-2006

#### ***Glenrose Rehabilitation Hospital (Edmonton, Alberta, Canada)***

Research Coordinator, Department of Communication Disorders, 1982-1987  
Speech-language pathologist, 1976-1978

#### ***University of Alberta (Edmonton, Alberta, Canada)***

Adjunct Professor, Department of Linguistics, 1984-1987  
Clinical Associate Professor, Department of Speech Pathology and Audiology, 1984-1987

### **Memberships**

Member, American Speech-Language-Hearing Association, 1977-present  
Member, Academy of Neurologic Communication Disorders and Sciences, 1990-present  
Member, American Speech-Language-Hearing Association Special Interest Division 1,  
Language and Learning Education, 1994-present  
Member, American Speech-Language-Hearing Association Special Interest Division 2,  
Neurophysiology and Neurogenic Speech and Language Disorders, 1994-present

## Professional Recognitions and Honors

President of the American Speech, Language and Hearing Foundation, 2016-2017  
 Honors of the American Speech, Language and Hearing Association, 2014  
 The Ludwig A. Michael M.D. Callier Center Executive Directorship, 2012-present  
 University of Nebraska Distinguished Alumni Award, 2011  
 Sara T. Martineau Endowed Professorship in Communication Disorders, 2010  
 Appointed Trustee of the American Speech-Language-Hearing Foundation, 2010  
 Honors of the Academy of Neurologic Communication Disorders and Sciences, 2008  
 Fellow of the American Speech-Language-Hearing Association, 1998

## Certifications and Licensure

Certificate of Clinical Competence (CCC) in Speech-Language Pathology, American Speech-Language-Hearing Association  
 Board Certification in Neurologic Communication Disorders in Children, Academy of Neurologic Communication Disorders and Sciences  
 Licensed in Speech-Language Pathology in Texas (License # 106449)

## Achievements in Original Investigation:

### *Articles in Refereed Journals:*

1. Vick, J., Campbell, T.F., Shriberg, L.D., Green, J.R., Abdi, H., Rusiewicz, H., Venkatesh, L., and Moore, C. (2014). Data-driven sub-classification of speech sound disorders in preschool children. *Journal of Speech-Language and Hearing Research*, *57*, 2033-2050.
2. Wang, J., Katz, W., & Campbell, T. F. (2014). Contribution of tongue lateral to consonant production, *Proceedings of Interspeech, Singapore*, 174-178.
3. Katz, W., Campbell, T. F., Wang, J., Farrar, E., Eubanks, C., Balasubramanian, A., Prabhakaran, B. & Rennaker, R. (2014). Opti-Speech: A real-time, 3D visual feedback system for speech training, *Proceedings of Interspeech, Singapore*, 1174-78.
4. Campbell, T.F., Dollaghan, C.D., Janosky, J., Rusiewicz, H.L., Small, S.L., Dick, F., Vick, J., & Adelson, P.D. (2013). Consonant production after severe pediatric traumatic brain injury: A prospective cohort study. *Journal of Speech, Language and Hearing Research*, *56*, 1023-1034.
5. Yang, Y., Guo, X., Vick, J., Torres, L., & Campbell, T. (In press). Physics-based deformable tongue visualization. *IEEE Transactions on Visualization and Computer Graphics*, *19*, 811-823.
6. Vick, J., Campbell, T.F., Shriberg, L.D., Green, J.R., Abdi, H., Rusiewicz, H., Venkatesh, L., & Moore, C. (2012). Distinct developmental profiles in typical speech acquisition. *Journal of Neurophysiology*, *107*, 2885-2900.

7. McCauley, S.R., Wilde, E.A., Hicks, R., Anderson, V.A., Bedell, G., Beers, S.R., Campbell, T.F., Chapman, S.B., Ewing-Cobbs, L., Gerring, J.P., Gioia, G.A., Levin, H.S., Michaud, L.J., Miller, C.A., Prasad, M.R., Swaine, B.R., Turkstra, L.S., Wade, S.L., & Yeates, K.O. (2012). Recommendations for the use of common measures in pediatric traumatic brain injury research. *Journal of Neurotrauma*, *29*, 678-705.
8. Dollaghan, C.D., & Campbell, T.F. (2009). How well do poor language scores at ages 3 and 4 predict poor language scores at age 6? *International Journal of Speech-Language Pathology*, *11*, 5, 358-365.
9. Shriberg, L.D., Lohmeier, H.L., Campbell, T.F., Dollaghan, C.A., Green, J.R., & Moore, C.A. (2009). A Nonword Repetition Task for Speakers with Misarticulations: The Syllable Repetition Task (SRT). *Journal of Speech, Language and Hearing Research*, *52*, 1189-1212.
10. Campbell, T.F., Dollaghan, C.D., Janosky, J., & Adelson, P.D. (2007). A performance curve for assessing change in percentage consonant correct revised. *Journal of Speech, Language and Hearing Research*, *50*, 1110-1119.
11. Paradise, J. L., Feldman, H. M., Campbell, T. F., Dollaghan, C.A., Rockette, H. E., Pitcairn D.L., Smith, C. G., Colborn, D.K., Bernard, S.B., Kurs-Lasky, M., Janosky, J. E., Sabo, D. L., O'Connor, E.O., & Pelham, W.E. (2007). Tympanostomy tubes and developmental outcomes at 9 to 11 years of age. *The New England Journal of Medicine*, *356*, 3, 248-261.
12. Paradise, J. L., Campbell, T. F., Dollaghan, C.A., Feldman, H. M., Bernard, B.S., Colborn, D.K., Rockette, H. E., Janosky, J. E., Pitcairn, D.L., Kurs-Lasky, M., Sabo, D. L., & Smith, C. G. (2005). Effect of early or delayed insertion of tympanostomy tubes for persistent otitis media on developmental outcomes at age 6 years. *The New England Journal of Medicine*, *353*, 6, 576-586.
13. Feldman, H.M., Dale, P.S., Campbell, T.F., Colborn, K.D., Kurs-Lasky, M.K., Rockette, H.E., & Paradise, J.L. (2005). Concurrent and Predictive Validity of Parent Reports of Child Language at Ages 2 and 3 Years. *Child Development*, *76*, 4, 856-868.
14. Shriberg, L.D., McSweeney, J.L., Anderson, B.E., Campbell, T.F., Chial, M.R., Green, J.R., Hauner, K.K., Moore, C.A., Rusiewicz, H.L., & Wilson, D.L. (2005). Transitioning from analog to digital audio recording in childhood speech sound disorders. *Clinical Linguistics and Phonetics*, *19*, 4, 335-359.
15. Goldstein, N.A., Pugazhendhi, V., Rao, S.M., Weedon, J., Campbell, T.F., Goldman, A.C., Post, J.C., & Rao, M. (2004). The clinical assessment of pediatric obstructive sleep apnea. *Pediatrics*, *114*, 33-43.
16. Campbell, T. F., Dollaghan, C. A., Rockette, H. E., Paradise, J. L., Feldman, H. M., Shriberg, L. D., Sabo, D., & Kurs-Lasky, M. (2003). Risk factors for speech delay in three-year-old children. *Child Development*, *74*, 346-357.

17. Shriberg, L.D., Campbell, T.F., Karlsson, H.B., Brown, R.L. McSweeney, J.L., & Nadler, C. J. (2003). A diagnostic marker for childhood apraxia of speech: The lexical stress ratio. *Clinical Linguistics and Phonetics*, *17*, 549-574.
18. Shriberg, L.D., Green, J.R., Campbell, T.F., McSweeney, J.L., & Scheer, A. (2003). A diagnostic marker for childhood apraxia of speech: The coefficient of variation ratio. *Clinical Linguistics and Phonetics*, *17*, 575-595.
19. Paradise, J. L., Dollaghan, C. A., Campbell, T. F., Feldman, H. M., Bernard, B. S., Colborn, D. K., Rockette, H. E., Janosky, J. E., Pitcairn, D. N., Kurs-Lasky, M., Sabo, D., & Smith, C. G. (2003). Otitis media and tympanostomy tube insertion during the first 3 years of life: Developmental outcomes at age 4 years. *Pediatrics*, *112*:2, 265-277.
20. Paradise, J. L., Feldman, H. M., Campbell, T. F., Dollaghan, C. A., Colborn, D. K., Bernard, B. S., Rockette, H. E., Janosky, J.E., Pitcairn, D. L., Sabo, D. L., Kurs-Lasky, M., & Smith, C. G. (2003). Early vs. delayed insertion of tympanostomy tubes for persistent otitis media: developmental outcomes at age 3 years in relation to pre-randomization illness patterns and hearing levels. *Journal of Infectious Diseases*, *22*, 309-314.
21. Feldman, H. M., Dollaghan, C. A., Campbell, T. F., Colborn, D. K., Janosky, J., Kurs-Lasky, M., Rockette, H.E., Dale, P. S., & Paradise, J. L. (2003). Parent-reported language skills in relation to otitis media during the first three years of life. *Journal of Speech, Language, and Hearing Research*, *46*, 273-287.
22. Orenstein, D., Holt, L.S., Rebovich, P., Campbell, T., & Nixon, P. (2002). Measuring ease of breathing in young patients with cystic fibrosis. *Pediatric Pulmonology*, *34*, 473-477.
23. Goldstein, N.A., Fatima, M., Campbell, T.F., & Rosenfeld, R.M. (2002). Quality of life and child behavior before and after tonsillectomy & adenoidectomy. *Archives of Otolaryngology – Head and Neck Surgery*, *128*, 770-775.
24. Paradise, J. L., Feldman, H. M., Campbell, T. F., Dollaghan, C. A., Colborn, D. K., Bernard, B. S., Rockette, H. E., Janosky, J. E., Pitcairn, D. L., Sabo, D. L., Kurs-Lasky, M., & Smith, C. G. (2001). Early versus late tympanostomy tube placement for persistent otitis media: developmental outcomes at age 3 years. *The New England Journal of Medicine*, *344*(16), 1179-1195.
25. Feldman, H. M., Dollaghan, C. A., Campbell, T. F., Kurs-Lasky, M., Janosky, J. E., & Paradise, J. L. (2000). Measurement properties of the MacArthur Communicative Development Inventories at ages 1 and 2 years. *Child Development*, *71*, 310-322.
26. Campbell, T.F., Needleman, L., Riess, J.A., & Tobin, M. (2000). Bone lead levels and language processing performance. *Developmental Neuropsychology*, *18*, 171-186.

27. Paradise, J. L., Dollaghan, C.A., Campbell, T. F., Feldman, H. M., Bernard, B. S., Colborn, D. K., Rockette, H. E., Janosky, J. E., Pitcairn, D. L., Kurs-Lasky, M., & Smith, C. G. (2000). Language, speech sound production, and cognition in 3-year-old children in relation to otitis media in their first 3 years of life. *Pediatrics*, *105*, 1119-1130.
28. Goldstein, N.A., Post, J.C., Rosenfeld, R.M., & Campbell, T.F. (2000). Impact of tonsillectomy and adenoidectomy on child behavior. *Archives of Otolaryngology – Head and Neck Surgery*, *126*, 494-498.
29. Campbell, T.F. (1999). Functional treatment outcomes for young children with neurogenic communication disorders. *Seminars in Speech and Language*, *19*, 223-247. New York, NY: Thieme.
30. Dollaghan, C. A., Campbell, T. F., Paradise, J. L., Feldman, H. M., Janosky, J. E., Pitcairn, D. L., & Kurs-Lasky, M. (1999). Maternal education and measures of early speech and language. *Journal of Speech, Language, and Hearing Research*, *42*, 1432-1443.
31. Paradise, J. L., Feldman, H. M., Colborn, D. K., Campbell, T. F., Dollaghan, C. A., Rockette, H.E., Janosky, J. E., Kurs-Lasky, M., Bernard, B. S., & Smith, C. G. (1999). Parental stress and parent-rated child behavior in relation to otitis media in the first three years of life. *Pediatrics*, *104*:6, 1264-1273.
32. Feldman, H. M., Dollaghan, C. A., Campbell, T. F., Colborn D., K., Kurs-Lasky, M., Janosky, J. E., & Paradise, J. L. (1999). Parent-reported language and communication skills at one and two years of age in relation to otitis media in the first two years of life. *Pediatrics*, *104*:4, [www.pediatrics.org/cgi/content/full/104/4/e52](http://www.pediatrics.org/cgi/content/full/104/4/e52).
33. Campbell, T. F. (1998). Themes in diagnostic decision-making. In Campbell, T.F. (Series Editor), *Seminars in Speech and Language*, *19*, 3-6. New York, NY: Thieme.
34. Dollaghan, C. A., & Campbell, T. F.(1998). Nonword repetition and child language impairment. *Journal of Speech, Language, and Hearing Research*, *41*, 1136-1146.
35. Campbell, T. F., Dollaghan, C.A., Needleman, H., & Janosky, J. (1997). Reducing bias in language assessment: Processing-dependent measures. *Journal of Speech, Language and Hearing Research*, *40*, 519-525.
36. Campbell, T. F., & Dollaghan, C. A. (1995). Speaking rate, articulation speed, and language processing in children and adolescents with severe traumatic brain injury. *Journal of Speech and Hearing Research*, *38*, 864-875.
37. Dollaghan, C. A., Biber, M., & Campbell, T. F. (1995). Lexical influences on nonword repetition. *Applied Psycholinguistics*, *16*, 211-222.

38. Gaulin, C.A., & Campbell, T.F. (1994). Procedure for assessing verbal working memory in normal school-aged children: Some preliminary data. *Perceptual and Motor Skills*, 79, 55-64.
39. Dollaghan, C., Biber, M., & Campbell, T. F. (1993). Constituent syllable effects in a nonsense word repetition task. *Journal of Speech and Hearing Research*, 36, 1051-1054.
40. Dollaghan, C.A., & Campbell, T.F. (1992). A procedure for classifying disruptions in spontaneous language samples. *Topics in Language Disorders*, 12, 56-68.
41. Campbell, T.F., & Dollaghan, C.A. (1992). A method for obtaining listener judgments of spontaneously produced language: Social validation through direct magnitude estimation. *Topics in Language Disorders*, 12, 42-55.
42. Campbell, T. F., & Bain, B. (1991). How long to treat: A multiple outcome approach. *Language, Speech and Hearing Services in Schools*, 22, 271-276.
43. Campbell, T. F., Linville, R. N., & Yates, C. (1991). Aerodynamic assessment of speech using the PERCI-PC: Assessment and reliability. *Plastic and Reconstructive Surgery*, 87, 365-370.
44. Campbell, T. F., & Dollaghan, C. A. (1990). Expressive language recovery in severely brain-injured children and adolescents. *Journal of Speech and Hearing Disorders*, 55, 567-581.
45. Campbell, T. F., & Gaulin, C.A. (1990). A review of ANI-VOX Computer Speech Systems. *Child Language Teaching and Therapy*, 6, 209-213.
46. Dollaghan, C.A., Campbell, T.F., & Tomlin, R. (1990). Video narration as a language sampling context. *Journal of Speech and Hearing Disorders*, 55, 582-590.
47. Harris, R.A., Stanford, L.M., & Campbell, T.F. (1989). A signal-processing component to Broca's aphasia functor deficits. *Neuropsychologia*, 27(5), 599-605.
48. Paradise, J., Campbell, T.F., & Feldman, H. (1989). AAP-Pediatric UPDATE-Secretory Otitis Media. *Medical Information Systems*, 9, 1-9.
49. Campbell, T.F., & Keegan, J. F. (1987). A principal-secondary task paradigm for estimating processing capacity during speech production: Some preliminary data. *Psychological Reports*, 60, 1279-1286.
50. Holdgrafer, G., & Campbell, T.F. (1986). Children's comprehension of emphatic stress as a marker for discourse topic collaboration. *Applied Psycholinguistics*, 7, 373-384.

51. Campbell, T.F., & McNeil, M. (1985). Effects of presentation rate and divided attention on auditory comprehension in children with an acquired language disorder. *Journal of Speech and Hearing Research*, 28, 513-520.
52. Campbell, T.F., & Shriberg, L.D. (1982). Associations among discourse information, lexical stress and phonological processes in speech-delayed children. *Journal of Speech and Hearing Research*, 25, 547-553.
53. McNeil, M.R., Odell, K., & Campbell, T.F. (1982). The frequency and amplitude of fluctuating auditory processing in aphasic and non-aphasic brain-damaged persons. *Clinical Aphasiology*, 12, 220-229.
54. Klee, T.M., & Campbell, T.F. (1981). A comment on Damico and Oller's "Pragmatic versus morphological/syntactic criteria for language referrals". *Language, Speech and Hearing Services in Schools*, 12, 125-130.
55. Campbell, T.F., & Heaton, E. (1978). An expressive speech program for a boy with acquired aphasia. *The Canadian Journal of Human Communication*, 3, 89-102.
56. Manning, W. H., Wittstruck, M., Lloyd, R., & Campbell, T.F. (1977). Automatization of correct production at two levels of articulatory acquisition. *Journal of Speech and Hearing Disorders*, 42, 358-363.
57. Campbell, T.F., Manning, W. H., Robertson, P., & DiSalvo, V. (1976). The use of competing speech for making dismissal decisions in articulation therapy. *The Canadian Journal of Human Communication*, 1, 37-44.

***Edited Volumes:***

58. Shriberg, L.D., & Campbell, T.F. (Eds.), (2003). *Proceedings of the 2002 Childhood Apraxia of Speech Research Symposium*. Carlsbad, CA: The Hendrix Foundation.
59. Campbell, T.F., (1998). Issue Editor, Clinical cases and diagnostic decision-making. *Seminars in Speech and Language*, 19, 1-100.

***Book Chapters:***

60. Campbell, T. F., Dollaghan, C. A., & Yaruss, J. S. (2014). In Bluestone CD, Simons JP, Healy GB. *Bluestone and Stool's Pediatric Otolaryngology, 5th ed.* People's Medical Publishing House-USA, Shelton, CT. 2014.
61. Campbell, T.F., Dollaghan, C.A., & Janosky, J. (2010). Understanding speech change in young children following severe traumatic brain injury. In R. Paul & P. Flipsen (Eds.), *Speech Sound Disorders: Essays in Honor of Lawrence D. Shriberg*, Plural Publishing, Inc.

62. Campbell, T.F., & Gretz, S. (2009). Apraxia of speech in Children. In M.R. McNeil (Ed.). *Clinical management of sensorimotor speech disorders*, 2<sup>nd</sup> Edition, Thieme, New York.
63. Dollaghan, C., & Campbell, T. (2004). Early recurrent otitis media and speech development. In R. D. Kent (Ed.), *The MIT Encyclopedia of Communication Disorders*, pp. 135-137. Cambridge, MA: The MIT Press.
64. Campbell, T. F., Dollaghan, C. A., & Yaruss, J. S. (2003). Disorders of language, phonology, fluency and voice in children: Indicators for referral. In C. D. Bluestone, S. E. Stool, C. M. Alper, E. M. Arjmand, M. L. Casselbrant, J. E. Dohar, & R. F. Yellon (Eds.), *Pediatric Otolaryngology* (4th Edition), pp. 1773-1787. Philadelphia: Saunders.
65. Campbell, T.F. (1999). Functional treatment outcomes for young children with motor-speech disorders. A. J. Caruso & E. A. Strand (Eds.), *Clinical Management of Motor Speech Disorders in Children*, pp. 385-396. New York, NY: Thieme.
66. Campbell, T., & Dollaghan, C. (1994). Phonological and speech production characteristics of children following traumatic brain injury: Principles underlying assessment and treatment. In J. Bernthal and N. Bankson (Eds.), *Child phonology: characteristics, assessment, and intervention with special populations*, pp.140-160. New York: Thieme.
67. Paradise, J. L., Feldman, H. M., Campbell, T. F., Dollaghan, C. A., Nozza, R. J., Rockette, H.E., Janosky, J. E., Bluestone, C. D., Smith, C. G., Bernard, B. S., & Colborn, D. K. (1993). Secretory otitis media: What effects on children's development? A new study. In R. Fior & G. Pestalozza (Eds.), *The child and the environment: Present and future trends*, pp. 22- 29. Amsterdam: Elsevier.
68. Campbell, T.F., Dollaghan, C.A., & Felsenfeld, S. (1996). Disorders of language, phonology, fluency and voice: Indicators for referral. In C. Bluestone, S. Stool, and M. Kenna (Eds.), *Handbook of Pediatric Otolaryngology (3rd edition)*, pp. 1595-1606. Philadelphia, PA: W.B. Saunders.
69. Bagnato, S.J., & Campbell, T.F. (1992). Comprehensive neurodevelopmental evaluation of children with brain insults. In G. Miller and J. Ramer (Eds.), *Static Encephalopathies of Infancy and Childhood*, pp. 27-43. New York: Raven Press.
70. Miller, J. F., Campbell, T.F., Chapman, R.S., & Weismer, S. E. (1984). Language behavior in acquired childhood aphasia. In A. Holland (Ed.), *Recent Advances: Speech, Hearing and Language Pathology*, pp. 57-99. San Diego: College-Hill Press.

***Refereed Proceedings:***

71. Rusiewicz, H.L., Campbell, T.F., Dollaghan, C.D., Adelson, P.D., Janosky, J., & Balason, D. (2003). Speech outcome following severe traumatic brain injury in young children. *Journal of Neurotrauma*, 20, 1115.
72. Campbell, T.F., Dollaghan, C.D., Adelson, P.D., & Janosky, J. (2002). Speech change in young children after severe traumatic brain injury. *Journal of Neurotrauma*, 19, p. 1302.
73. Campbell, T.F., Dollaghan, C.D., Adelson, P.D., Janosky, J., Balason, D., Nash, T., Rusiewicz, H., Feldman, H., Shriberg, L., Moore, C., Connaghan, K., Brown, S.D., Pitcairn, D. & Reilly, K. (2001). Speech change in young children after severe traumatic brain injury. *Proceedings from the 4th International Speech Motor Conference*, Nijmegen, the Netherlands, pp.107-109.
74. Campbell, T. F., & Dollaghan, C.A. (1995). Speech production characteristics of children following traumatic brain injury. *Proceedings of the XIIIth International Congress of Phonetic Sciences*, Stockholm, Sweden, 4, 476-479.
75. Dollaghan, C.A., & Campbell, T.F. (1995). Speaking rate and linguistic processing speed in children after acquired brain injury. *Proceedings of the XIIIth International Congress of Phonetic Sciences*, Stockholm, Sweden, 4, 484-487.
76. Harris, R.A., Stanford, L.M., & Campbell, T.F. (1985). Comprehension of functors in Broca's aphasia: Acoustic correlates. In S. Delaney and R. Tomlin (Eds.), *Proceedings of the First Annual Meeting of the Pacific Linguistics Conference*, Department of Linguistics, University of Oregon, pp.134-142.

***Invited Publications:***

77. Campbell, T.F. (2003). Childhood apraxia of speech: Clinical symptoms and speech characteristics. In L. D. Shriberg & T. F. Campbell (Eds.), *Proceedings of the 2002 Childhood Apraxia of Speech Research Symposium*, pp. 37-40. Carlsbad, CA: The Hendrix Foundation.
78. Campbell, T.F. (2001). Does a training non-speech oral movement facilitate speech-sound production in children with motor speech disorders? *Apraxia-Kids Newsletter (April)*, 2-3.
79. McNeil, M. R., & Campbell, T.F. (1998). Review of the Joliet 3-Minute Speech and Language Screen (Revised). *Mental Measurements Yearbook*, pp. 564-568. Lincoln Nebraska: Burros Institute.
80. Campbell, T.F. (1996). Functional treatment outcomes for young children with communication disorders. *American Speech-Language-Hearing Association Special Interest Division 2 (Neurophysiology and Neurogenic Communication Disorders) Newsletter*, 6, 16-19.

81. Maddern, B. R., Campbell, T.F., & Stool, S. (1991). Pediatric voice disorders. *Otolaryngology Clinics of America*, 24, 1125-1140.
82. Campbell, T.F. (1982). Methodological considerations underlying evaluation. *Journal of the Speech and Hearing Association of Alberta*, 7, 3-4.

**Refereed Presentations:**

1. Mueller, J., Wang, J., & Campbell, T. (2015, November). Meeting the individualized augmentative communication needs for patients with ALS. Poster, American Speech-Language-Hearing Association Annual Convention, Denver, Colorado.
2. Wang, J., Thomas, A., Mueller, J. and Campbell, T. (2015, November). Longitudinal articulatory vowel space changes in ALS. Poster, American Speech-Language-Hearing Association Annual Convention, Denver, Colorado.
3. Biersgreen, E., Dollaghan, C, Winthrop, M., & Campbell, T.F. (2014, June). Parent-reported intelligibility ratings and speech delay at ages 3, 4, and 6 years. *International Conference on Clinical Linguistics and Phonetics*, Stockholm, Sweden.
4. Winthrop, M., Biersgreen, E., Campbell, T.F. & Dollaghan, C. (2013, November). Developmental and diagnostic expectations for three measures of early speech production. *American Speech-Language-Hearing Annual Convention*, Chicago, IL.
5. Biersgreen, E., Dollaghan, C, Winthrop, M., & Campbell, T.F. (2013, November). Parent-reported intelligibility ratings and speech delay at ages 3, 4, and 6 years. *American Speech-Language-Hearing Annual Convention*, Chicago, IL.
6. Campbell, T.F. (2010, November). Leadership strategies in clinical program development. Paper presented at the American Speech-Language-Hearing Annual Convention. Philadelphia, PA.
7. Vick, J., & Campbell, T.F. (2010, March). A new electromagnetic motion capture system: Measures of speech movements produced by an adolescent with flaccid dysarthria resulting from TBI, 2010 Speech-Motor Control Conference, Savanna, Georgia.
8. Balasubramanian, A., Dollaghan, C.A., & Campbell, T.F. (2010, June). Predicting poor language scores at age 6 from combinations of scores at ages 3 and 4. Poster, Symposium on Research in Child Language Disorders, Madison, WI.
9. Campbell, T.F., Dollaghan, C.A., Vick, J., & Rusiewicz, H.L. (2010, March). The relationship between speech production skills and age of injury in young children after severe traumatic brain injury. Paper presented at the *Eight World Congress on Brain Injury*, Washington, DC.
10. Vick, J.C., Moore, C.M., Campbell, T.F., Shriberg, L. & Green, J. (2009, November) Multivariate classification of children with speech delay of unknown origin.

- American Speech-Language-Hearing Association Annual Convention, New Orleans, LA.
11. Vick, J.C., Moore, C.M., Campbell, T.F., Shriberg, L. & Green, J. (2009, May). Refinement of speech motor control in preschool-aged speakers. Poster presented at the 157th Meeting of the Acoustical Society of America, Portland.
  12. Campbell, T.F., Dollaghan, C.A., Janosky, J., & Adelson, P.D. (2008, March). Speech change in young children after severe traumatic brain injury. Paper presented at the *Seventh World Congress on Brain Injury*, Lisbon Portugal.
  13. Shriberg, L.D., Lohmeier, H. L., Dollaghan, C. A., Campbell, T. F., & Moore, C. A. (2007, June). Nonword repetition in speech genetics research: aggregation, marker, and memory findings using the syllable repetition task. Paper presented at the *AFASIC 4th International Symposium: Understanding developmental disorders* University of Warwick, Coventry, UK.
  14. Yee, M.J., Vick, J.C., Venkatesh, L., Campbell, T.F., Shriberg, L.D., & Green, J.R., Rusiewicz, H.L., & Moore, C.A. (2007, November). Children's mandibular movement patterns in two non-speech tasks. Poster, American Speech-Language-Hearing Association Annual Convention, Boston.
  15. Venkatesh, L., Moore, C.A., Campbell, T.F., Shriberg, L.D., & Green, J.R. (2006, June). Speech movement characteristics in children with speech delay. Poster, 5<sup>th</sup> International Conference on Speech Motor Control, Nijmegen, The Netherlands.
  16. Vick, J.C., Moore, C.A., Venkatesh, L., Campbell, T.F., Rusiewicz, H.L., Shriberg, L.D., & Green, J.R. (2007). Physiologic and behavioral classification of delayed speech: Errors in non-word syllable repetition tasks. Paper presented at the 17th Annual Meeting of the Neural Control of Movement Society, Seville, Spain.
  17. Campbell, T.F., Dollaghan, C.D., Rusiewicz, H., Small, S., Dick, F., & Wier, H. (2006, June). Speech motor deficits after severe traumatic brain injury. Poster, 5<sup>th</sup> International Conference on Speech Motor Control, Nijmegen, The Netherlands.
  18. Moore, C.A., Campbell, T.F., Shriberg, L.D., Green, J.R., Venkatesh, L.A., Vick, J., & Rusiewicz, H. (2006, June). Physiologic and behavioral classification of delayed speech. 5<sup>th</sup> International Conference on Speech Motor Control, Nijmegen, The Netherlands.
  19. Campbell, T.F., Dollaghan, C.D., Janosky, J. & Adelson, P.D. (2005, June). A normative growth curve for assessing change in pediatric speech and language skills. Poster, Symposium on Research in Child Language Disorders, Madison, WI.
  20. Rusiewicz, H.L., Campbell, T.F., Dollaghan, C.D., Adelson, P.D., Janosky, J. & Balason, D. (2003, November). Speech outcome following severe traumatic brain injury in young children. Poster, 21st Annual National Neurotrauma Society Symposium, Biloxi, MS.

21. Rusiewicz, H. L., Dollaghan, C. A., & Campbell, T. F. (2003, November). Separating lexical and phrasal stress: An investigation of stress clash resolution. Poster, American Speech-Language-Hearing Association Annual Convention, Chicago.
22. Roberts, J.E., Hunter, L., Dollaghan, C.A., & Campbell, T.F. (2002, November). Otitis media, auditory processing, and language: Research controversies. Paper, American Speech-Language-Hearing Association Annual Convention, Atlanta, GA.
23. Campbell, T.F. (2002, November). Functional outcomes for young children with speech-sound production disorders. Paper, American Speech-Language-Hearing Association Annual Convention, Atlanta, GA.
24. Rusiewicz, H., Connaghan, K., Moore, C., & Campbell, T.F. (2002, November). Segmental, suprasegmental, and movement characteristics of pediatric TBI. Paper, American Speech-Language-Hearing Association Annual Convention, Atlanta, GA.
25. Campbell, T.F., Dollaghan, C.D., Adelson, P.D., & Janosky, J. (2002, October). Speech change in young children after severe traumatic brain injury. Poster, Joint Meeting of the National and International Neurotrauma Society, Tampa, FL.
26. Campbell, T.F., Dollaghan, C.D., Adelson, P.D., Janosky, J., Balason, D., Nash, T., Rusiewicz, H., Feldman, H., Shriberg, L., Moore, C., Connaghan, K., Brown, S.D., Pitcairn, D., & Reilly, K. (2001, June). Speech change in young children after severe traumatic brain injury. Poster, 4th International Speech Motor Conference, Nijmegen, The Netherlands.
27. Dollaghan, C., Campbell, T.F., Balason, D.B., Rusiewicz, H.L., Nash, T.C., Brady, J., & Nixon, S.M. (2002, July). The wheat from the chaff: Defining normal and abnormal language at ages 3, 4, and 6 years. Symposium, joint meeting of the Congress of the International Association for the Study of Child Language and the Symposium on Research in Child Language Disorders, Madison, WI.
28. Roberts, J.E., Dollaghan, C.A., Campbell, T.F., Schwartz, R.G., Gravel, J., & Hunter, L. (2002, July). Otitis media: implications for language development and disorders and auditory processing. Symposium, joint meeting of the Congress of the International Association for the Study of Child Language and the Symposium on Research in Child Language Disorders, Madison, WI.
29. Nash, T., Campbell, T.F., Rusiewicz, H., Balason, D., Dollaghan, C., & Adelson, D. (2001, November). Speech abilities of young children following severe traumatic brain injury. Poster, American Speech-Language-Hearing Association Annual Convention, New Orleans, LA.
30. Shriberg, L.D., Campbell, T.F., Brown, R.L., Carlson, H.B., McSweeney, J.L., Nadler, C.J. (2001, November). Toward an acoustic stress marker for childhood apraxia of

- speech. Poster, American Speech-Language-Hearing Association Annual Convention, New Orleans, LA.
31. Campbell, T.F., Moore, C.A., & Barlow, S.M. (2000, November). Oral-motor training in treatment of speech impairment: Physiologic evidence and treatment alternatives. Seminar, American Speech-Language-Hearing Association Annual Convention, Washington, DC.
  32. Reilly K.J., Moore, C.A., Connaghan, K.P., Campbell, T.F., Green, J.R., & Steeve, R.W. (2000, November). Lip shape during speech by children with motor speech disorders and their typically developing peers. Poster, American Speech-Language-Hearing Association Annual Convention, Washington, DC.
  33. Connaghan, K.P., Moore, C.A., Reilly, K.J., Campbell, T.F., Green, J.R., & Steeve, R. (2000, November). Inter-articulator Coordination in Children with Impaired Speech Motor Control. Poster, American Speech-Language-Hearing Association Annual Convention, Washington, DC.
  34. Connaghan, K.P., Reilly, K.J., Moore, C.A., Campbell, T.F., & Green, J.R. (2000, March). Kinematics of motor speech disorders in children. Presented to the Conference on Speech Motor Control, San Antonio, TX.
  35. Paradise, J. L., Feldman, H. M., Campbell, T. F., Dollaghan, C. A., Colborn, D. K., Bernard, B.S., Rockette, H. E., Janosky, J. E., Kurs-Lasky, M., Pitcairn, D. L., Sabo, D. L., & Smith, C. G. (2000, May). Early vs. late tube placement for persistent middle-ear effusion (MEE) in the first 3 years of life: Effects on language, speech sound production and cognition at age 3 years. Pediatric Academic Societies and American Academy of Pediatrics Joint Meeting, San Francisco, CA.
  36. Dollaghan, C., & Campbell, T. (1999, November). Is child language impairment a taxon? Seminar, American Speech-Language-Hearing Association Annual Convention, San Francisco, CA.
  37. Reilly, K.J., Moore, C.A., Campbell, T.F., & Green, J.R. (1999, November). Developmental speech motor disorders: Kinematics, description, & classification. Poster, American Speech-Language-Hearing Association Annual Convention, San Francisco, CA.
  38. Campbell, T.F. (1999, November). Measuring outcomes in children with articulation and phonological disorders. Seminar, American Speech-Language-Hearing Association Annual Convention, San Francisco, CA.
  39. Campbell, T.F., Dollaghan, C., & Paradise, J.L. (1998, June). Maternal education and measures of early speech and language. Poster, Symposium on Research in Child Language Disorders, Madison, WI.
  40. Paradise, J.L., Campbell, T.F., Dollaghan, C.A., Feldman, H.M., Bernard, B.S., Colborn, D.K., Rockette, H.E., Janosky, J.E., Pitcairn, D.L., Kurs-Lasky, M., &

- Smith, C.G. (1997, May). Receptive vocabulary and cognition in three-year-old children in relation to otitis media in their first 3 years of life. Presented to the American Pediatric Society and the Society for Pediatric Research.
41. Dollaghan, C., & Campbell, T. (1997, November). Maximizing precision and minimizing bias in child language assessment. Paper, American Speech-Language-Hearing Association Annual Convention, Boston, MA.
  42. Campbell, T.F. (1996, November). Functional treatment outcomes for young children with communication disorders. Paper, American Speech-Language-Hearing Association Annual Convention, Seattle, WA.
  43. Campbell, T.F. (1996, July). Language processing and language performance: The relationship between measures of working memory and measures of expressive language in school-age children. Paper, International Conference on Memory, Padova, Italy.
  44. Campbell, T.F., & Dollaghan, C. (1996, June). Reducing bias in language assessment: Measure of on-line processing. Poster, Symposium on Research on Child Language Disorders, Madison, WI.
  45. Campbell, T.F. (1995, November). Functional treatment outcomes for young children with neurologic communication disorders. Presented to the Academy of Neurogenic Communication Disorders and Sciences, Orlando, FL.
  46. Campbell, T.F. (1995, November). The case of the 13-year-old girl with a soft voice quality. Panel presentation on children and adults with neurologic communication disorders. Presented at the American Speech-Language-Hearing Association Annual Convention, Orlando, FL.
  47. Campbell, T.F., & Dollaghan, C.A. (1995, July). Speech production characteristics of children following traumatic brain-injury. Poster, XIIIth International Congress of Phonetic Sciences, Stockholm, Sweden.
  48. Dollaghan, C.A., & Campbell, T.F. (1995, July). Speaking rate and linguistic processing speed in children after acquired brain injury. Poster, XIIIth International Congress of Phonetic Sciences, Stockholm, Sweden.
  49. Campbell, T.F., Needleman, H.L., Riess, J. A., & Tobin, M. J. (1995, June). Bone lead level and language processing. Poster, Symposium on Research on Child Language Disorders, Madison, WI.
  50. Dollaghan, C., Bohenek, K., & Campbell, T. (1993, June). Word frequency as an index of lexical retrieval difficulty. Poster, Symposium on Research on Child Language Disorders, Madison, WI.

51. Dollaghan, C.A., Biber, M., & Campbell, T.F. (1992, June). Words within non-words: Constituent syllable effects as a measure of phonological memory. Paper, Symposium on Research on Child Language Disorders, Madison, WI.
52. Campbell, T.F. (1991, November). Obtaining listener judgments of spontaneously produced language: Social validation through direct magnitude estimation. Miniseminar, American Speech-Language-Hearing Association Annual Convention, Atlanta, GA.
53. Gaulin, C.A., & Campbell, T.F. (1991, November). Test of competing language processing: A measure of verbal memory. Paper, American Speech-Language-Hearing Association Annual Convention, Atlanta, GA.
54. Horn, R.M., & Campbell, T.F. (1991, November). Strategic planning: Looking into the crystal ball. Paper, American Speech-Language-Hearing Association Annual Convention, Atlanta, GA.
55. Rahn, A., Honig, A., McGarry, K., Triglia, S., Boada, K., Dollaghan, C., Kalinyak, M., & Campbell, T. (1991, June). Long-term effects of traumatic brain injury on the language skills of children and adolescents. Paper, Symposium on Research on Child Language Disorders, Madison, WI.
56. Horn, R., & Campbell, T.F. (1990, November). Developing performance standards for professional staff: Congruency or conflict? Paper, American Speech-Language-Hearing Association Annual Convention, Seattle, WA.
57. Campbell, T.F., & Dollaghan, C.A. (1989, June). Expressive language recovery in head-injured children. Paper, Symposium on Research on Child Language Disorders, Madison, WI.
58. Dollaghan, C.A., & Campbell, T.F. (1988, November). Verbal production breakdowns in head-injured and normal children. Paper, American Speech-Language-Hearing Association Annual Convention, Boston, MA.
59. Dollaghan, C.A., Campbell, T.F., & Scates, P.M. (1987, November). Structure specificity in children's metalinguistic judgments and corrections. Paper, American Speech-Language-Hearing Association Annual Convention, New Orleans, LA.
60. Campbell, T.F. (1986, November). When to stop treating a language disordered child: Some unquestioned answers and unanswered questions. Paper, American Speech-Language-Hearing Association Annual Convention, Detroit, MI.
61. Gilbert, J.V., Dollaghan, C.A., & Campbell, T.F. (1986, May). The long-term linguistic consequences of traumatic head injury in children. Paper, Canadian Speech and Hearing Association Annual Convention, Winnipeg, Manitoba.

62. Campbell, T.F., & Dollaghan, C.A. (1984, November). Language behavior in acquired childhood aphasia. Paper, American Speech-Language-Hearing Association Annual Convention, San Francisco, CA.

***Invited Presentations:***

1. Campbell, T.F. (2011, November). The importance of prediction in communication disorders: some unexpected findings. College of Education, University of Nebraska – Lincoln. The presentation was given as part of the University of Nebraska Distinguished Alumni Award weekend.
2. Campbell, T.F. (2010, December). Predicting long-term speech outcomes in young children with traumatic brain injury. Paper presented at the New Zealand Institute of Language, Brain and Behavior. University of Canterbury, Christchurch, New Zealand.
3. Campbell, T.F. (2010, December). Motion analysis technology to train speech movements in neurologically disordered individuals. Paper presented at the New Zealand Institute of Language, Brain and Behavior. University of Canterbury, Christchurch, New Zealand.
4. Dollaghan, C.A., Campbell, T.F., Sahlie, E., & Stillman, L.A. (1984, November). Patterns of language recovery in a head-injured child. Paper, American Speech-Language-Hearing Association Annual Convention, San Francisco, CA.
5. Campbell, T.F. (1984, May). Use of spectrographic feedback in teaching speech production skills to a deaf child. Paper, Speech and Hearing Association of Alberta Annual Convention, Edmonton, Alberta.
6. Campbell, T.F. (1984, May). Vowel duration alteration in a deaf child using spectrographic feedback. Paper, Canadian Speech and Hearing Association annual Convention, Regina, Saskatchewan.
7. Campbell, T.F. (1984, September). Diagnostic and prognostic characteristics of children with acquired aphasia secondary to a convulsive disorder. Paper, Speech and Hearing Association of Alberta Annual Convention, Edmonton, Alberta.
8. Campbell, T.F., & McNeil, M.R. (1983, May). Effects of presentation rate on auditory comprehension in acquired childhood aphasia. Paper, Canadian Speech and Hearing Association Annual Convention, Montreal, Quebec.
9. Campbell, T.F., & McNeil, M.R. (1983, June). Effects of presentation rate and divided attention on auditory comprehension in acquired childhood aphasia. Paper, Clinical Aphasiology Conference, Scottsdale, AZ.
10. McNeil, M. R., Odell, K., & Campbell, T.F. (1982, June). The frequency and amplitude of fluctuating auditory processing in aphasic and non-aphasic brain-damaged persons. Paper, Clinical Aphasiology Conference, Oshkosh, WI.

11. Campbell, T.F., & Bless, D.B. (1980, November). Age related differences in speaker performance. Paper, American Speech-Language-Hearing Association Annual Convention, Detroit, MI.
12. Bless, D.B., & Campbell, T.F. (1980, May). Performance of geriatric subjects on four speech production tasks. Paper, Second Annual Conference on Speech-Motor Control, University of Wisconsin-Madison, WI.
13. Campbell, T.F., & Heaton, E. (1979, November). A language comprehension program for children with acquired aphasia. Paper, American Speech-Language-Hearing Association Annual Convention, Atlanta, GA.
14. Kasica, T., Whitman, G., & Campbell, T.F. (1977, May). A systematic approach for promoting correct articulatory production in preschool children. Paper, Canadian Speech and Hearing Association Annual Convention, Victoria, British Columbia.
15. Campbell, T.F., & Heaton, E. (1977, May). An expressive speech program for a boy with acquired aphasia. Paper, Canadian Speech and Hearing Association Annual Convention, Victoria, British Columbia.
16. Manning, W. H., Wittstruck, M., Lloyd, R., & Campbell, T.F. (1976, November). Automatization of correct production at two levels of articulatory acquisition. Paper, American Speech-Language-Hearing Association Annual Convention, Houston, TX.
17. Campbell, T.F., Manning, W.H., Robertson, P., & DiSalvo, V. (1976, November). The use of competing speech for making dismissal decisions in articulation therapy. Paper, to the American Speech-Language-Hearing Association Annual Convention, Houston, TX.
18. Campbell, T.F., Manning, W. H., Robertson, P., & DiSalvo, V. (1976, May). The use of auditory masking to estimate the automatization of the /s/ and /r/ phonemes. Paper, Canadian Speech and Hearing Association annual convention, Halifax, Nova Scotia.
19. Campbell, T.F. (2007, February). Speech outcomes in young children following severe traumatic brain injury. Research Seminar, University of Texas at Austin, Department of Communication Science and Disorders.
20. Campbell, T.F. (2005, April). Management of voice and laryngeal disorders in children. Workshop, Allegheny Intermediate Unit, Pittsburgh, PA.
21. Campbell, T.F. (2005, March). Speech outcomes in young children following severe traumatic brain injury. Grand Rounds, The Children's Institute of Pittsburgh, Pittsburgh, PA.
22. Campbell, T.F. (2004, October). Tele-research in communication disorders: Application in real-time experimentation. 2<sup>nd</sup> International Conference on Telemedicine and Multimedia Communication. University

- of Pittsburgh and the International Center of Hearing and Speech, Kajetany, Poland, October 2004.
23. Campbell, T.F. (2004, May). Linguistic and speech-motor deficits in young children following severe traumatic brain injury. Research Colloquium, Department of Speech and Hearing Sciences, University of Hong Kong.
  24. Campbell, T.F. (2004, January). Speech outcomes in young children following severe traumatic brain injury: Methodological issues. Colloquium in Communication Disorders, San Diego State University.
  25. Campbell, T.F. (2002, May). Risk factors for speech delay in three-year-old children. Paper presented to the NIDCD Conference on Otitis Media and Language and Learning Sequelae, Washington, DC.
  26. Campbell, T.F. (2002, May). A review of speech domains and research issues. Paper presented to the NIDCD Conference on Otitis Media and Language and Learning Sequelae, Washington, DC.
  27. Campbell, T.F. (2002, February). Apraxia of speech in children: A principal deficit of intra- and inter-syllable timing. Paper presented to the 2002 Childhood Apraxia of Speech Research Symposium, Scottsdale, Arizona.
  28. Campbell, T.F. (2001, October). Risk factors for speech delay in three-year-old children. Colloquium, Department of Speech and Hearing Science, University of Washington, Seattle, WA.
  29. Campbell, T.F. (2001, October). Assessment of language dysfunction in children. Paper presented as part of a symposium entitled Nervous System Plasticity: Lessons from Language, 30th Annual Meeting of the Child Neurology Society, Victoria, BC, Canada.
  30. Campbell, T.F. (2001, October). Recovery of communication skills in children and adolescents following severe traumatic brain injury. Keynote address to the Colorado Speech-Language-Hearing Association, Breckenridge, CO.
  31. Campbell, T.F. (2001, August). Disorders of language, speech, fluency and voice in children: Indicators for referral. Grand Rounds, Department of Pediatrics, University of Pittsburgh School of Medicine, Pittsburgh, PA.
  32. Campbell, T.F. (2000, February). Apraxia of speech in children. Presented to the Pittsburgh Area Apraxia of Speech Parent Group, Pittsburgh, PA.
  33. Campbell, T.F. (2000, December). Disorders of phonology, language, fluency and voice: When to refer? Grand Rounds presented to the Department of Pediatrics, Allegheny General Hospital, Pittsburgh, PA.

34. Campbell, T.F. (2001, May) Apraxia of Speech in Children: In search of a phenotype for studies of molecular genetics. Paper presented to the Department of Human Genetics, University of Pittsburgh, PA.
35. Campbell, T.F. (1998, July). Innovative techniques for treating vocal nodules in children. Presented at the Conference on Vocal Nodules and Beyond: Evaluation and Treatment, Department of Otolaryngology, University of Pittsburgh, Pittsburgh, PA.
36. Campbell, T.F. (1998, July). Functional treatment outcomes for young children with communication disorders. Paper presented to the Fifth Annual Rocky Mountain Cleft Conference: A Multidisciplinary Symposium, Steamboat Springs, CO.
37. Campbell, T.F. (1998, July). Evaluation of voice and resonance disorders in children. Paper presented to the Fifth Annual Rocky Mountain Cleft Conference: A Multidisciplinary Symposium, Steamboat Springs, CO.
38. Campbell, T.F. (1998, July). Treatment of sound-specific velopharyngeal inconsistency in young children. Paper presented to the Fifth Annual Rocky Mountain Cleft Conference: A Multidisciplinary Symposium, Steamboat Springs, CO.
39. Campbell, T.F. (1996, March). Treatment techniques for young children with velopharyngeal inconsistency. Presentation to the Allegheny Intermediate Unit # 3, Pittsburgh, PA.
40. Campbell, T.F. (1996, July). Functional dysphonia in children. Paper presented to the Conference on Functional Dysphonia: Diagnosis and Treatment, Department of Otolaryngology, University of Pittsburgh, Pittsburgh, PA.
41. Campbell, T.F. (1996, March). Treatment of velopharyngeal inconsistency in 4 to 6 year-old children. Colloquium, Department of Communication Science and Disorders, University of Pittsburgh, Pittsburgh, PA.
42. Campbell, T.F., & Hammer, D. (1995, November). Speech and language outcome for a child with cerebellar dysfunction. Colloquium, Department of Communication Science and Disorders, University of Pittsburgh, Pittsburgh, PA.
43. Dollaghan, C.A., & Campbell, T.F. (1995, October). Language processing efficiency: New approaches to identifying, assessing and treating language deficits in school-age children. Workshop presented to the British Columbia Association of Speech-Language Pathologists and Audiologists Annual Conference, Surrey, British Columbia.
44. Campbell, T.F. (1995, October). Functional treatment outcomes for young children with communication disorders. Paper, British Columbia Association of Speech-Language Pathologists and Audiologists Annual Conference, Surrey, British Columbia.

45. Campbell, T.F. (1995, July). Assessment of voice and resonance disorders in children. Paper, Department of Pediatric Otolaryngology, Children's Hospital of Denver, Denver, CO.
46. Campbell, T.F. (1995, January). Changes in the speech production abilities of children following severe traumatic brain injury. Paper, National Center for Neurogenic Communication Disorders, Tucson, AZ.
47. Campbell, T.F. (1994, October). Treatment of children with vocal nodules. Paper, 19th Annual Symposium on Ear, Nose and Throat Diseases in Children. Department of Otolaryngology, University of Pittsburgh, Pittsburgh, PA.
48. Campbell, T.F. (1994, September). Lead burden in children: Effects on speech and language development. Paper, Florida Network on Neurogenic Communication Disorders, Fort Meyers, FL.
49. Campbell, T.F. (1994, September). Functional treatment outcomes for children with neurogenic communication disorders. Paper, Florida Network on Neurogenic Communication Disorders, Fort Meyers, FL.
50. Campbell, T.F. (1994, October). Otitis media and child development. Grand Rounds, Department of Pediatrics, University of Nebraska School of Medicine, Omaha, NE.
51. Campbell, T.F. (1994, October). Anatomy and physiology of the developing voice. Paper, Symposium on the Professional Voice, Department of Otolaryngology, University of Pittsburgh School of Medicine, Pittsburgh, PA.
52. Campbell, T.F. (1993, October). Principles of assessment for the child with a voice disorder. Paper, Conference on Recent Advances in the Evaluation of the Difficult Voice Patient, Department of Otolaryngology, University of Pittsburgh School of Medicine, Pittsburgh.
53. Dollaghan, C., & Campbell, T. F. (1993, March). Language processing efficiency: Identifying, assessing and treating language deficits in school-age children. Presentation to the Michigan Speech-Language-Hearing Association Annual Convention, Bellaire, MI.
54. Campbell, T.F. (1993, March). Assessing the language processing efficiency of children with acquired brain injury. Paper, Mid-South Conference on Communicative Disorders, Memphis, TN.
55. Campbell, T. (1993, March). Assessment and treatment of children with acquired brain injury. Grand Rounds, Bill Wilkerson Speech and Language Center, Vanderbilt University School of Medicine, Nashville, TN.
56. Campbell, T.F., & Dollaghan, C.A. (1992, September). Language processing efficiency: New approaches to identifying, assessing and treating language deficits in

- school-age children. Paper presented to the Florida Language Speech and Hearing Association, Tampa, FL.
57. Campbell, T.F. (1992, February). Pediatric neurogenic communication disorder: Assessment and treatment. Paper presented to the 32nd Annual Convention of the Illinois Speech-Language-Hearing Association, Chicago, IL.
  58. Campbell, T.F. (1991, April). Expressive language processing in brain-injured children: Assessment and treatment. Paper, Tennessee Speech and Hearing Annual Convention, Nashville, TN.
  59. Campbell, T.F. (1990, March). When and how to treat school-aged children with language processing deficits. Presentation to the Pittsburgh-Mount Oliver Intermediate Unit, Pittsburgh, PA.
  60. Campbell, T.F., & Dollaghan, C.A. (1990, September). Recovery of expressive language abilities in brain-injured children and adolescents: An up-date. Paper presented to the Florida Network for Neurogenic Communication Disorders, Duck Key, FL.
  61. Campbell, T.F. (1990, April). Assessing the language processing abilities of children with acquired brain injury: The Revised Token Test and video narration language sampling context. Paper presented to the California Speech-Language-Hearing Association, Monterey, CA.
  62. Campbell, T.F. (1989, July). A framework for assessing the language processing abilities of school-aged children. Paper presented to the Symposium on Language Disorders in Special Populations, Kent State University, Kent, OH.
  63. Campbell, T.F. (1989, September). Assessing the expressive language abilities of head-injured children. Paper presented to the Florida Speech and Hearing Association Annual Convention, Orlando, FL.
  64. Campbell, T.F. (1989, February). Assessing the language comprehension abilities of head-injured children. Presentation to the Intermediate Unit #4, Grove City, PA.
  65. Campbell, T.F. (1988, September). Assessing language processing abilities of children with acquired brain injury: The Revised Token Test and the video narration language sampling context. Paper presented to the Florida Network for Neurogenic Communication Disorders, Tampa, FL.
  66. Campbell, T.F. (1988, March). When to stop treating language disordered children. Paper presented to the Allegheny Intermediate Unit #3, Pittsburgh, PA.
  67. Campbell, T.F. (1987, May). Research in a clinical setting: Easier said than done. Paper presented to the Canadian Speech and Hearing Association Annual Convention, Halifax, Nova Scotia.

68. Campbell, T.F. (1987, May). The recovery of expressive language functioning following cerebral trauma in childhood. Paper presented to the Canadian Speech and Hearing Association Annual Convention, Halifax, Nova Scotia.
69. Campbell, T.F. (1985, June). Language behavior after acquired brain injury in childhood: (1) Children with head trauma; (2) Children with acquired seizure disorder; (3) Acquired childhood aphasia: In search of a definition. Presentation for the Morton Hospital Communication Disorders Seminar Series, Boston, MA.
70. Heaton, E., Dollaghan, C.A., & Campbell, T.F. (1985, May). Workshop on quality assurance in speech and language pathology. Canadian Speech and Hearing Association Annual Convention, Toronto, Ontario.
71. Campbell, T.F. (1983, October). Effects of presentation rate and divided attention on auditory comprehension in acquired childhood aphasia. Paper presented to the Department of Psychology, University of Alberta, Edmonton, Alberta.
72. Campbell, T.F. (1982, May). Assessment of phonologically delayed children. Presentation, Department of Speech Pathology and Audiology, University of Alberta, Edmonton, Alberta.
73. Campbell, T.F. (1981, March). Acquired childhood aphasia. Diagnostic, remedial, and prognostic considerations. Pediatric Neurology Grand Rounds, University of Wisconsin-Madison School of Medicine, Madison, WI.
74. Campbell, T.F. (1979, February). A diagnostic therapy program for children with acquired aphasia: A preliminary report. Proseminar, Department of Communicative Disorders, University of Wisconsin-Madison, Madison, WI.
75. Campbell, T.F. (1977, July). A framework for evaluating the disabled learner. Presentation to the Department of Psychology, University of Alberta, Edmonton, Alberta.

**External funding for original investigations:**

***Research Proposals submitted since 2006, but not funded:***

NSF:IGERT: Integrating Speech/Hearing Science with Speech Processing Technology. Co-investigator (J. Hansen, Principal Investigator) National Science Foundation (submitted March 2009; resubmitted in 2010).

Communication Disorders Consortium on Genetics. Co-investigator (B. Pennington, University of Denver, Principal Investigator). NIH-Deafness and other Communication Disorders (Submitted October 2008; resubmitted in 2009).

Development of a 3D Speech Visualization System, National Institute on Deafness and Other Communication Disorders (SBIR). Co-**Principal Investigator** with Dr. Rob Rennaker - (Submitted February, 2011).

***Research grants Funded:***

Developmental Phonological Disorders. R01 - National Institute on Deafness and Other Communication Disorders (R01). Co-investigator and PI of the UTD subcontract from the University of Wisconsin-Madison, 05/01/2013 – 04/30/2018.

Speech Movement Classification for Assessing and Treating ALS. R01 - National Institute on Deafness and Other Communication Disorders. Co-investigator and PI of the UTD subcontract from the MGH Institute of Health Professions, 12/01/2013 – 11/30/2018.

***Research grants previously awarded:***

Opti-Speech: A3D Speech Visualization System, Phase 1 SBIR - National Institute on Deafness and Other Communication Disorders. Co-investigator and PI of the UTD subcontract from the technology company, Vulintus LLC, 03/01/2014 – 02/28/2015.

Speech change in children after traumatic brain injury. National Institutes of Health, National Institute on Deafness and Other Communication Disorders (R01). **Principal Investigator**, 1999-2006. Amount: \$1,158,270.

Speech change in children after traumatic brain injury. Children's Hospital of Pittsburgh NIH General Clinical Research Center (GCRC) Supplement. **Principal Investigator**, 2004-2005. Amount: \$100,000.

Physiological development of speech production. National Institutes of Health, National Institute on Deafness and Other Communication Disorders (R01). **Co-investigator** (Christopher A. Moore, Principal Investigator), 2001-2006. Amount: \$2,603,997. (Thomas Campbell, Principal Investigator for subcontracts listed under Research Contracts below).

Physiological development of speech production. Children's Hospital of Pittsburgh NIH General Clinical Research Center (GCRC) Supplement. **Principal Investigator**, 2005-2006. Amount: \$30,000.

Developmental phonological disorders. National Institutes of Health, National Institute on Deafness and Other Communication Disorders (R01). **Consultant-collaborator**, 2003-2008. (Lawrence Shriberg, Principal Investigator). Amount: \$1,500,000.

Speech of young males with Fragile X Syndrome. National Institutes of Health, National Institute on Maternal and Child Health (R01). **Consultant-collaborator**, 2003-2008. (Joanne Roberts, Principal Investigator). Amount: \$1,100,000.

Early otitis and literacy and attention at 9 to 11 years. National Institutes of Health, National Institute on Maternal and Child Health (R01). **Co-investigator** (Jack L. Paradise, Principal Investigator), 2001-2004. Amount: \$675,000.

Child development in relation to early otitis media. National Institutes of Health, National Institute on Maternal and Child Health (R01). **Co-investigator**, 2001-2003 (Jack L. Paradise, Principal Investigator). Amount: \$175,000.

- Bone lead levels and college achievement scores. National Institutes of Health, National Institute on Environmental Health and Safety (R01). **Co-investigator**, 1998-2000. (Herbert Needleman, Principal Investigator). Amount: \$366,530.
- The diagnosis of pediatric obstructive sleep apnea. National Institutes of Health, National Institute on Maternal and Child Health. **Co-investigator**, 1998-2000. (Nira Goldstein, Principal Investigator). Amount: \$175,000.
- Developmental phonological disorders. National Institutes of Health, National Institute on Deafness and Other Communication Disorders (R01). **Consultant-collaborator**, 1998-2003. (Lawrence Shriberg, Principal Investigator). Amount: \$1,200,000.
- Child development in relation to early otitis media. National Institutes of Health, National Institute on Maternal and Child Health (R01). **Co-investigator**, 1996-2001 (Jack L. Paradise, Principal Investigator). Amount: \$5,712,688.
- Lead exposure, attention deficit disorder, and delinquency. National Institutes of Health, National Institute on Environmental Health and Safety (R01). **Co-investigator**, 1995-1998 (Herbert Needleman, Principal Investigator). Amount: \$755,661.
- Child development in relation to early otitis media. National Institutes of Health, National Institute on Maternal and Child Health (R01). **Co-investigator**, 1991-1996 (Jack L. Paradise, Principal Investigator). Amount: \$7,712,688.
- Bone lead level as a predictor of long-term speech and language deficits (R03). **Principal Investigator**, 1991-1994. National Institutes of Health, National Institute on Deafness and Other Communication Disorders. Amount: \$65,413.
- The relationship between bone lead levels and long-term speech and language deficits. University of Pittsburgh Central Research Development Fund. **Principal Investigator**, 1991. Amount: \$10,995.
- The relationship between early otitis media and speech, language and hearing status in five-year-old twins. University of Pittsburgh Office of Child Development and Children's Hospital of Pittsburgh Research Advisory Committee. **Principal Investigator**, 1988-89. Amount: \$12,493.
- A primary-secondary task paradigm for estimating processing capacity during speech production: a developmental study. Children's Hospital of Pittsburgh Research Advisory Committee. **Principal Investigator**, 1987-1988. Amount: \$6,200.
- Recovery of speech skills after acquired brain injury in childhood. M.S.I. Foundation, Edmonton, Alberta. **Co-investigator**, 1985-87 (Chris Dollaghan, Principal Investigator). Amount: \$40,568.
- Children with closed head injury: A look at language, cognitive and academic skills two to four years later. Glenrose Hospital Special Services and Research Trust Fund. **Principal Investigator**, 1985-87. Amount: \$5,500.

Language recovery after acquired brain injury in childhood. Alberta Mental Health Advisory Council. **Principal Investigator**, 1984-87. Amount: \$60,000.

A framework for evaluating the appropriateness of recommendations for augmentative communication systems. A.C.T. Edmonton Club Foundation, Edmonton, Alberta. **Principal Investigator**, 1985-1987. Amount: \$7,674.

A longitudinal study of memory deficits in the aged population. Alberta Mental Health Research Advisory Council. **Consultant**, 1985-1987. (Allen Dobbs, Principal Investigator) Amount: \$85,631.

Normal and abnormal changes in the cognitive abilities of the aged population. Alberta Social Services and Community Health, Senior Citizens Bureau. **Consultant**, 1985-1986 (Allen Dobbs, Principal Investigator). Amount: \$9,845.

Development of diagnostic therapy procedures for children with acquired aphasia. Wisconsin Department of Public Instruction. **Principal Investigator**, 1979. Amount: \$5,000.

***Research Contracts Awarded:***

Physiological development of speech production. National Institutes of Health, National Institute on Deafness and Other Communication Disorders (R01 subcontract). **Principal Investigator**, University of Washington-Seattle to Children's Hospital, 2001-2006. Amount: \$452,214.

Physiological development of speech production. National Institutes of Health, National Institute on Deafness and Other Communication Disorders (R01 subcontract). **Principal Investigator**, 2001-2006. University of Washington-Seattle to University of Pittsburgh, 2001-2006. Amount: \$175,000.

Infant environmental exposure study. Centers for Disease Control and ABT Associates contract to Children's Hospital of Pittsburgh. **Principal Investigator**, 2004-2006. Amount: \$12,480.

Molecular genetics of apraxia of speech in children. University of Wisconsin-Madison to Children's Hospital of Pittsburgh. **Principal Investigator**, 1999-2005. Amount: \$25,000.

***Training and Clinical Service Grants:***

Cochlear implant educational services: Creating opportunities for school success. Priority grant awarded to the UTD Callier Center for Communication Disorders. Thomas Campbell, Executive Director, 2011-2012. Amount: \$100,000.

Innovation in pediatric hearing aid services: Opening the door to success. United Way priority grant awarded to the UTD Callier Center for Communication Disorders. Thomas Campbell, Executive Director, 2011-2012. Amount: \$90,000.

Facility development grant awarded to the UTD Callier Center for Communication Disorders to

construct an autism treatment research center. Hoblitzelle Foundation of Dallas. Thomas Campbell, Executive Director, May 11, 2011. Amount: \$300,000.

Facility development matching grant to construct an autism treatment research center at the UTD Callier Center for Communication Disorders. Hillcrest Foundation of Dallas. Thomas Campbell, Executive Director, February 12, 2012. Amount: \$300,000.

Innovative treatment programs for children with cochlear implants. Dallas Foundation. Thomas Campbell, Executive Director, July 11, 2011. Amount: \$300,000.

Crystal Charity Ball Coordinated Program for Research and Treatment of Autism. Grant awarded to University of Texas Southwestern Medical Center and University of Texas at Dallas. **Faculty Program Coordinators**, Graham Emslie (UTSW) and Thomas Campbell (UTD), 2009-2011. Amount: \$1,400,000.

University of Pittsburgh Center for Leadership in Disabilities (UCLID) Training Project. National Institutes of Health, National Institute on Maternal and Child Health. **Co-investigator and core faculty member**. (Heidi M. Feldman, Project Director), 2004-2008. Amount: \$1,700,000.

University of Pittsburgh Center for Leadership in Disabilities (UCLID) Training Project. National Institutes of Health, National Institute on Maternal and Child Health. **Co-investigator and core faculty member**. (Heidi M. Feldman, Project Director), 1999-2004. Amount: \$1,700,000.

University of Pittsburgh Center for Leadership in Disabilities (UCLID) Training Project. National Institutes of Health, National Institute on Maternal and Child Health. **Co-investigator and core faculty member**. (Heidi M. Feldman, Project Director), 1995-1998. Amount: \$900,000.

Research Training in Pediatric Otolaryngology. National Institutes of Health, National Institute on Deafness and Other Communication Disorders (T32). **Research Mentor**. (Margarita Casselbrant, Principal Investigator). 2000-2005. Amount: \$701,106.

**Teaching:**

***Classroom Teaching:***

2005	Fall	CSD 2064	Introduction to Clinical Decision Making; University of Pittsburgh
2004	Fall	CSD 2064	Introduction to Clinical Decision Making; University of Pittsburgh
2002	Fall	CSD 2064	Introduction to Clinical Decision Making; University of Pittsburgh
2001	Fall	CSD 2064	Orientation to Clinical Procedures; University of Pittsburgh
2000	Fall	CSD 2064	Orientation to Clinical Procedures; University of Pittsburgh
1999	Fall	CSD 2064	Orientation to Clinical Procedures
1999	Fall	CSD 2250	Seminar on Traumatic Brain Injury in Children
1998	Spring	CSD 2064	Orientation to Clinical Procedures

1998	Summer	CSD 2579	Graduate Seminar in Clinical Decision-Making
1990	Spring	CSD 262	Articulation and Phonological Disorders
1989	Spring	CSD 298	Assessment of Speech and Language Disorders
1987	Spring	Ling 303	Introduction to Linguistics; University of Alberta
1984	Fall	Ling 303	Introduction to Linguistics; University of Alberta

***Other Teaching Activities:***

2007-2012			Clinical Training Clinic for Students in the CSD Master's Program Evaluation of speech and language abilities of young children with severe communication abilities
1996-2002			Leadership and research training seminar, University Center for Leadership Training in Disabilities (UCLID), University of Pittsburgh
1984	Summer		Seminar in Language Sampling; University of Montana
1981	Summer		Language Development in Deviant Populations; University of Wisconsin-Wisconsin-Platteville
1981	Summer		Differential Diagnosis of Speech and Language Disorders; University of Wisconsin-Platteville
1988-2006			Clinical and research training of fellows and residents, Department of Otolaryngology, University of Pittsburgh School of Medicine

***PhD Dissertation Committees:***

Sundarrajan, M.	2015	Chair - Consonant production abilities of children with cochlear implants.
Xuan, L.	2010	A test of the noun bias hypothesis in bilingual English and Mandarin speaking children; University of Texas at Dallas
Cook, L.	2009	Self-regulation abilities in traumatically brain injured and typically developing children and adolescents; University of Texas at Dallas
Cruz dos Santos, A.	2009	Language processing in Portuguese speaking children; University of Minho, Braga Portugal
Vick, J.	2008	Distinct developmental profiles in typical and atypical speech Acquisition in children; University of Washington - Seattle
Nixon, S.	2006	Are two sources of inconsistency greater than one? Orthographic, phonologic, and semantic influences on auditory and visual lexical decision; University of Pittsburgh
Eldridge, K.	2006	Phonological complexity and speech dysfluency in young children; University of Pittsburgh
Lustig, A.	2004	Effects of ambient odor on free recall for variably-arousing pictures; University of Pittsburgh
Connaghan, K.	2004	Jaw stiffness during speech in children with suspected hypo- or hypertonia; University of Washington - Seattle
Park, G.	2002	Effects of increased inter-word intervals following prepositions on auditory sentence comprehension in adults with agrammatic comprehension and normal language – University of Pittsburgh
Berry, M.	2001	Predictors of success of Intrathecal Baclofen therapy for ease of care and comfort; University of Pittsburgh
Zajac, D.J.	1989	Effects of respiratory effort and induced oronasal coupling of laryngeal aerodynamic and oscillatory behaviors; University of Pittsburgh
Skwarecki, R.	1988	An analysis of within pulse perturbation in electroglottographic

- signals; University of Pittsburgh  
 Wang, H.S. 1985 On the productivity of vowel shift alternations in English: An experimental study; University of Alberta

***Master's thesis committees:***

- Biber, M. 1992 The effects of the lexical status of stressed syllables on nonword repetition Performance; University of Pittsburgh  
 Honig, A. 1991 Word retrieval difficulties in the spontaneous speech of children and adolescents following severe acquired brain injury; University of Pittsburgh  
 Harris, R. 1986 A signal-processing component to Broca's aphasia functor deficits; University of Alberta

**Service:**

- Reviewer: *Brain and Language; Brain; Journal of Speech, Language, and Hearing Research; Journal of Speech and Hearing Disorders; American Journal of Speech-Language Pathology; Language, Speech, and Hearing Services in Schools; Journal of Memory and Language; Neuro-toxicology; Pediatric Otolaryngology; Asian-Pacific Journal of Communication Disorders*  
 Trustee of the American Speech-Language-Hearing Foundation, 2010-2012  
 Member of the organizing committee for the 2009 and 2011 Callier Prize Conference in Communication Disorders  
 Member of the UTD Callier Research Committee, 2007-2012  
 Member of the CSD Doctoral Recruitment Committee, 2011-2012  
 Reviewer *ad hoc*, NIH National Institute on Deafness and Other Communication Disorders Special Emphasis Panel, March 1997; R03 Panel, November 1997; R03 Panel, March 2002; CDRC Panel, October 2007; R03 Panel, March 2008; CDRC Panel, June 2008; CDRC Panel, October 2008; CDRC Panel, February 2009  
 Chair, Professional Affairs Committee and Practice Guidelines Coordinating Committee, Academy of Neurologic Communication Disorders and Sciences (ANCDS), 2005-2008  
 Member, Practice Guideline Committee on Childhood Apraxia of Speech, Academy of Neurologic Communication Disorders and Sciences (ANCDS), 2004  
 Member, U.S. Centers for Disease Control, Research Advisory Board on Thimerosal-Containing Vaccines, 2002-2003  
 Member *ad hoc*, NIH National Institute on Deafness and Other Communication Disorders, Concept Clearing Group (CCG); produced a concept paper titled "Research needs in the identification, classification, and treatment of childhood speech disorders," May, 2002  
 Member, National Insurance Advocacy Group for Communication Disorders, 2002-2004  
 Member, University of Pittsburgh Internal Review Board (IRB; previously the Children's Hospital Human Rights Committee), 2002-2005  
 Co-Chair, Childhood Apraxia of Speech Research Symposium, Scottsdale AZ, 2002  
 Member, National Advisory Board, Symposium on Research in Child Language Disorders, University of Wisconsin-Madison, 1999-present  
 Fellow of the American Speech-Language-Hearing Association, 1998  
 Member, Joint Committee of the American Speech-Language-Hearing Association and the American Academy of Otolaryngology, 1998  
 Member, Program Committee, American Speech-Language-Hearing Association Annual Convention, 1988, 1990, 1991, 1997, 1998, 2006, 2007, 2010

Chair, Joint Committee of the American Speech-Language-Hearing Association and Division 40 (Neuropsychology) of the American Psychological Association, 1990-1994

Member, Clinical Certification Board, Academy of Neurologic Communication Disorders and Sciences, 1994-2001

Member, Committee on certification requirements for the neurologic specialty area, American Speech-Language-Hearing Association Special Interest Division 2, 1991

Guest Editor, *Journal of Speech, Language, and Hearing Research*, 1998, 1999, 2001

Chair, Research Committee, Glenrose Rehabilitation Hospital (Edmonton, Alberta), 1986-1987

Board member, Association for the Hearing Handicapped, Edmonton, Alberta, 1983-1985

Member, Organizing Committee, Symposium on Research in Child Language Disorders, University of Wisconsin-Madison, 1980, 1981, 1982

Editor, *Speech and Hearing Journal of Alberta*, 1977-1978

Associate Editor, *Speech and Hearing Journal of Alberta*, 1976-1977

Member, American Speech-Language-Hearing Association, 1977-present

Member, Academy of Neurologic Communication Disorders and Sciences, 1990-present

Member, American Speech-Language-Hearing Association Special Interest Division 1, Language and Learning Education, 1994-present

Member, American Speech-Language-Hearing Association Special Interest Division 2, Neurophysiology and Neurogenic Speech and Language Disorders, 1994-present