

Thomas F. Campbell

Curriculum Vitae

Contact: University of Texas at Dallas
School of Behavioral and Brain Sciences
Department of Communication Sciences and Disorders
Callier Center for Communication Disorders
1966 Inwood Road
Dallas, Texas
75235
214-905-3001 (Office)
214-926-2094 (cell)

E-mail: Thomas.F.Campbell@utdallas.edu

Education

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

Professional Experience

University of Texas at Dallas

2006-present Professor and Executive Director of the Callier Center for Communication Disorders, School of Behavioral and Brain Sciences, Department of Communication Sciences and Disorders

University of Pittsburgh (Pittsburgh, Pennsylvania)

2005-2006 Professor, Department of Communication Science and Disorders
1997-2005 Associate Professor, Department of Communication Science and Disorders
(Tenured in 1999)
1994-1997 Associate Professor, Department of Neurology
1987-1994 Assistant Professor, Department of Neurology

Children's Hospital of Pittsburgh (Pittsburgh, Pennsylvania)

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

Glenrose Rehabilitation Hospital (Edmonton, Alberta, Canada)

1982-87 Research Coordinator, Department of Communication Disorders
1975-78 Speech-language pathologist

Professional Experience (cont.)

University of Alberta (Edmonton, Alberta, Canada)

1984-87 Adjunct Professor, Department of Linguistics
Clinical Associate Professor, Department of Speech Pathology and Audiology

Certification

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

Professional Activities and Honors

2008 Honors of the Academy of Neurologic Communication Disorders and Sciences

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

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

Professional Activities and Honors (cont.)

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*

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

Research Grants Awarded

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. (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.

Research Grants Awarded (cont.)

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.

Research Grants Awarded (cont.)

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:

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.

Peer-Reviewed Publications:

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.

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.

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.

Peer-Reviewed Publications (cont.):

- 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.
- Paradise, J. L., Campbell, T. F., Dollaghan, Feldman, H. M., C. A., Bernard, B.S., Colborn, D.K., Rockette, H. E., Janosky, J. E., Pitcairn, Kurs-Lasky, M., D. L., 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.
- 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.
- 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. and Wilson, D.L. (2005). Transitioning from analog to digital audio recording in childhood speech sound disorders. *Clinical Linguistics and Phonetics*, 19, 4, 335-359.
- 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.
- 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.
- 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.
- 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.
- 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.
- 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

Peer-Reviewed Publications (cont.):

patterns and hearing levels. *Journal of Infectious Diseases*, 22, 309-314.

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.

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.

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.

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.

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.

Campbell, T.F., Needleman, L., Riess, J.A., & Tobin, M. (2000). Bone lead levels and language processing performance. *Developmental Neuropsychology*, 18, 171-186.

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.

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.

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.

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.

Peer-Reviewed Publications (cont.):

- 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.
- Dollaghan, C. A. & Campbell, T. F. (1998). Nonword repetition and child language impairment. *Journal of Speech, Language, and Hearing Research*, *41*, 1136-1146.
- 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.
- 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.
- Dollaghan, C. A., Biber, M., & Campbell, T. F. (1995). Lexical influences on nonword repetition. *Applied Psycholinguistics*, *16*, 211-222.
- 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.
- 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.
- Dollaghan, C.A. & Campbell, T.F. (1992). A procedure for classifying disruptions in spontaneous language samples. *Topics in Language Disorders*, *12*, 56-68.
- 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.
- Campbell, T. F. & Bain, B. (1991). How long to treat: A multiple outcome approach. *Language, Speech and Hearing Services in Schools*, *22*, 271-276.
- 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.
- 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.
- Campbell, T. F. & Gaulin, C.A. (1990). A review of ANI-VOX Computer Speech Systems.

Child Language Teaching and Therapy, 6, 209-213.

Peer-Reviewed Publications (cont.):

- 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.
- 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.
- 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.
- Holdgrafer, G. & Campbell, T.F. (1986). Children's comprehension of emphatic stress as a marker for discourse topic collaboration. *Applied Psycholinguistics*, 7, 373-384.
- 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.
- 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.
- 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.
- 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.
- 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.
- 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.
- 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 Volume:

- Shriberg, L.D. & Campbell, T.F. (Eds.), (2003). *Proceedings of the 2002 Childhood Apraxia of Speech Research Symposium*. Carlsbad, CA: The Hendrix Foundation.

Campbell, T.F. (1998). Issue Editor, Clinical cases and diagnostic decision-making. *Seminars in Speech and Language*, 19, 1-100.

Book Chapters:

Campbell, T. F., Dollaghan, C. A., & Yaruss, J. S. (To appear). Disorders of language,

Book Chapters (cont.):

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* (5th Edition). Philadelphia: Saunders.

Campbell, T.F., Dollaghan, C.A., & Janosky, J. (To appear). 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.

Campbell, T.F. & Gretz, S. (2009). Apraxia of speech in Children. In M.R. McNeil (Ed.). *Clinical management of sensorimotor speech disorders*, 2nd Edition, Thieme, New York.

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.

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.

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.

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.

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.

- 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.
- 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.
- 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:

- 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.
- 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.
- 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.
- 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.
- 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.
- 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:

- 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.

- 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.
- 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.
- 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.
- 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.
- 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.
- Maddern, B. R., Campbell, T.F., & Stool, S. (1991). Pediatric voice disorders. *Otolaryngology Clinics of America*, 24, 1125-1140.
- Paradise, J., Campbell, T.F., & Feldman, H. (1989). AAP-Pediatric UPDATE-Secretory Otitis Media. *Medical Information Systems*, 9, 1-9.
- Campbell, T.F. (1982). Methodological considerations underlying evaluation. *Journal of the Speech and Hearing Association of Alberta*, 7, 3-4.

Refereed Presentations:

- Campbell, T.F., Dollaghan, C.A., Janosky, J., & Adelson, P.D. (2008). Speech change in young children after severe traumatic brain injury. Paper presented at the *Seventh World Congress on Brain Injury*, Lisbon Portugal.
- Shriberg, L.D., Lohmeier, H. L., Dollaghan, C. A., Campbell, T. F., & Moore, C. A. (2007). 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
- Yee, M.J., Vick, J.C., Venkatesh, L., Campbell, T.F., Shriberg, L.D., & Green, J.R., Rusiewicz, H.L. & Moore, C.A. (2007). Children's mandibular movement patterns in two non-speech tasks. Poster, American Speech-Language-Hearing Association Annual Convention, Boston.
- 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, 5th International Conference on Speech Motor Control, Nijmegen, The Netherlands.

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.

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, 5th International Conference on Speech Motor Control, Nijmegen, The Netherlands.

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. 5th International Conference on Speech Motor Control, Nijmegen, The Netherlands.

Refereed Presentations (cont.):

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.

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.

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.

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.

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.

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.

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.

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.

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.

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

Refereed Presentations (cont.):

Association for the Study of Child Language and the Symposium on Research in Child Language Disorders, Madison, WI.

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.

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.

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.

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.

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.

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.

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.

Dollaghan, C. & Campbell, T. (1999, November). Is child language impairment a taxon? Seminar, American Speech-Language-Hearing Association Annual Convention, San Francisco, CA.

Refereed Presentations (cont.):

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.

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.

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.

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.

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.

Campbell, T.F. (1996, November). Functional treatment outcomes for young children with communication disorders. Paper, American Speech-Language-Hearing Association Annual Convention, Seattle, WA.

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.

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.

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.

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.

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.

Refereed Presentations (cont.):

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.

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.

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.

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.

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.

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.

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.

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.

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.

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.

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.

Refereed Presentations (cont.):

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.

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.

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.

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.

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.

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.

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.

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.

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.

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.

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.

Campbell, T.F. & Bless, D.B. (1980, November). Age related differences in speaker performance. Paper, American Speech-Language-Hearing Association Annual Convention, Detroit, MI.

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.

Invited Presentations:

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.

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.

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.

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.

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.

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.

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.

Campbell, T.F. (2005, April). Management of voice and laryngeal disorders in children. Workshop, Allegheny Intermediate Unit, Pittsburgh, PA.

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.

Campbell, T.F. (2004, October). Tele-research in communication disorders: Application in real-time experimentation. 2nd International Conference on Telemedicine and Multimedia Communication. University of Pittsburgh and the International Center of hearing and Speech, Kajetany, Poland, October 2004.

Invited Presentations (cont.):

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.

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.

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.

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.

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.

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.

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.

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.

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.

Campbell, T.F. Apraxia of speech in children (2000, February). Presented to the Pittsburgh Area Apraxia of Speech Parent Group, Pittsburgh, PA.

Campbell, T.F. Disorders of phonology, language, fluency and voice: When to refer? (2000, December). Grand Rounds presented to the Department of Pediatrics, Allegheny General Hospital, Pittsburgh, PA.

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.

Invited Presentations (cont.):

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.

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.

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.

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.

Campbell, T.F. (1996, March). Treatment techniques for young children with velopharyngeal inconsistency. Presentation to the Allegheny Intermediate Unit # 3, Pittsburgh, PA.

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.

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.

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.

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.

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.

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.

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.

Invited Presentations (cont.):

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.

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.

Campbell, T.F. (1994, September). Functional treatment outcomes for children with neurogenic communication disorders. Paper, Florida Network on Neurogenic Communication Disorders, Fort Meyers, FL.

Campbell, T.F. (1994, October). Otitis media and child development. Grand Rounds, Department of Pediatrics, University of Nebraska School of Medicine, Omaha, NE.

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.

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.

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.

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.

- 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.
- 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.
- 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.
- Campbell, T.F. (1991, April). Expressive language processing in brain-injured children: Assessment and treatment. Paper, Tennessee Speech and Hearing Annual Convention, Nashville, TN.
- 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.
- Invited Presentations (cont.):**
- 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.
- 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.
- 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.
- 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.
- Campbell, T.F. (1989, February). Assessing the language comprehension abilities of head-injured children. Presentation to the Intermediate Unit #4, Grove City, PA.
- 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.
- Campbell, T.F. (1988, March). When to stop treating language disordered children. Paper

presented to the Allegheny Intermediate Unit #3, Pittsburgh, PA.

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.

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.

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.

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.

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.

Campbell, T.F. (1982, May). Assessment of phonologically delayed children. Presentation, Department of Speech Pathology and Audiology, University of Alberta, Edmonton, Alberta.

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.

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.

Campbell, T.F. (1977, July). A framework for evaluating the disabled learner. Presentation to the Department of Psychology, University of Alberta, Edmonton, Alberta.

Courses Taught (Department of Communication Science and Disorders, University of Pittsburgh unless otherwise noted)

Fall, 2004 CSD 2064, Introduction to Clinical Decision Making (3 credits, 38 students)

Fall, 2002 CSD 2064, Introduction to Clinical Decision Making (3 credits, 32 students)

Fall, 2001 CSD 2064 Orientation to Clinical Procedures (3 credits, 26 students)

Fall, 2000 CSD 2064 Orientation to Clinical Procedures (3 credits, 35 students)

Fall, 1999 CSD 2064 Orientation to Clinical Procedures (3 credits, 37 students)

Spring, 1999 CSD 2250 Seminar on Traumatic Brain Injury in Children (3 credits, 9 students)

Fall, 1998 CSD 2064 Orientation to Clinical Procedures (3 credits, 34 students)

Summer, 1998 CSD 2579 Graduate Seminar in Clinical Decision-Making (3 credits, 21 students)
 Spring, 1990 CSD 262 Articulation and Phonological Disorders (3 credits, 14 students)
 Spring, 1989 CSD 298 Assessment of Speech and Language Disorders (3 credits, 15 students)
 1996-2002, Leadership and research training seminar, University Center for Leadership in
 Disabilities (UCLID), University of Pittsburgh
 1988-present, Clinical and research training of fellows and residents, Department of
 Otolaryngology, University of Pittsburgh School of Medicine
 Spring, 1987, Ling 303 Introduction to Linguistics (3 credits, 90 students) University of Alberta
 Fall, 1984, Ling 303 Introduction to Linguistics (3 credits, 90 students) University of Alberta
 Summer, 1984 Seminar in Language Sampling (3 credits, 22 students), University of Montana
 Summer, 1981 Language Development in Deviant Populations (3 credits, 17 students),
 University of Wisconsin- Platteville
 Summer, 1981 Differential Diagnosis of Speech and Language Disorders (3 credits, 15 students),
 University of Wisconsin-Platteville

PhD dissertation committees (University of Pittsburgh unless otherwise noted)

- Nixon, S. 2006 *Are two sources of inconsistency greater than one? Orthographic, phonologic, and semantic influences on auditory and visual lexical decision.*
- Eldridge, K. 2006 *Phonological complexity and speech dysfluency in young children.*
- Lustig, A. 2004 *Effects of ambient odor on free recall for variably-arousing pictures.*
- Connaghan, K. 2004 *Jaw stiffness during speech in children with suspected hypo- or hypertonia.* (University of Washington)
- Park, G. 2002 *Effects of increased inter-word intervals following prepositions on auditory sentence comprehension in adults with agrammatic comprehension and normal language.*
- Berry, M. 2001 *Predictors of success of Intrathecal Baclofen therapy for ease of care and comfort.*
- Zajac, D.J. 1989 *Effects of respiratory effort and induced oronasal coupling of laryngeal aerodynamic and oscillatory behaviors.*
- Skwarecki, R. 1988 *An analysis of within pulse perturbation in electroglottographic signals..*
- Wang, H.S. 1985 *On the productivity of vowel shift alternations in English: An experimental study.* (University of Alberta, Edmonton, Canada)

Master's thesis committees (University of Pittsburgh unless otherwise noted)

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

Department, School and University Service (University of Pittsburgh)

Member, School of Health and Rehabilitation Sciences Tenure and Promotion Committee,
2004-present

Member, School of Health and Rehabilitation Sciences Space Utilization Committee, 2001-2004.

Member, Department of Communication Science and Disorders Committee to develop a
proposal for a clinical doctorate in medical speech-language pathology, 2000-2004.

Member, Department of Communication Science and Disorders Financial Aid Committee, 2004.

Member, Department of Pediatrics Faculty Search Committee for the Director of the Child
Development Unit, Children's Hospital of Pittsburgh, 2002-2003.

Chair, Department of Communication Science and Disorders Clinical Coordination and
Curriculum Committee. 1998-2000.

Coordinator, Department of Communication Science and Disorders Clinical Forum Series, 1998.