

PROFESSIONAL RESUME
OF
MICHAEL P. RASTATTER
Phone: 252-744-6092
Email: rastatterm@ecu.edu

I. Academic Degrees

Ph.D., Bowling Green State University, 1980, Communication Disorders (Area of Concentration – Speech Science/Neuroscience).

M.S., State University of New York, College at Fredonia, 1975, Speech-Language Pathology.

B.S., Clarion University of Pennsylvania, 1972, Speech Pathology and Audiology.

II. Academic Positions

A. Teaching Positions

Professor, Department of Communication Sciences and Disorders, School of Allied Health Sciences, East Carolina University.

Professor, Department of Communication Disorders, Bowling Green State University, 1989 to 1994.

Adjunct Professor, Department of Curriculum and Instruction (Language & Literacy), College of Psychology and Education, North Carolina State University, 1997 to 1999.

Clinical Associate Professor, Department of Otolaryngology, Head and Neck Surgery, Medical College of Ohio at Toledo, 1988 to 1994.

Associate Professor, Department of Communication Disorders, Bowling Green State University, 1985-89

Assistant Professor, Programs in Communication Disorders, Bowling Green State University, 1980-85

Teaching Fellow, Bowling Green State University, 1976-79

Instructor of Communication Disorders, Mercyhurst College, Erie, Pennsylvania, June 1975 - August 1975

B. Administrative Positions

Chair, Department of Communication Sciences and Disorders, School of Allied Health Sciences, East Carolina University, July, 1994 – September, 2003.

Director of Graduate Studies, Department of Communication Sciences and Disorders, School of Allied Health Sciences, East Carolina University, July, 2001 – July, 2002.

Associate Dean, College of Health and Human Services, January 1986-90

Summer Dean, College of Health and Human Services, September 1, 1985-1990

Acting Chair, Department of Communication Disorders, October 1987-August 1988

Acting Associate Dean, College of Health and Human Services, August 1985-December 1985

Assistant Director, School of Speech Communication, 1983-85

III. Program Development/Technology Transfer/Patents

United States Patent # Pub. US 2006/00895223 A1. “Methods and Devices for Treating Non-Stuttering Pathologies Using Frequency Altered Feedback. 2006.

United States Patent # 5,961,443 “Therapeutic Device To Ameliorate Stuttering”. Issued October 5, 1999

United States Patent #6,754632 “Methods and Devices for Delivering Exogenously Generated Speech Signals to Enhance Fluency in Persons Who Stutter.” Issued, June, 22, 2004.

United States Patent, # 67,031,992 B1. Methods And Devices For Enhancing Fluency In Persons Who Stutter Employing Visual Speech Gestures, 4/18/06, June 22, 2004.

New Zealand Patent # 524747 “Methods and Devices for Delivering Exogenously Generated Speech Signals to Enhance Fluency in Persons Who Stutter.” Issued, December, 22, 2005.

Australian Patent # 2001227297 524747 “Methods and Devices for Delivering Exogenously Generated Speech Signals to Enhance Fluency in Persons Who Stutter.” Issued, December, 19, 2005.

United States Patents Pending:

Methods and Devices for Delivering Exogenously Generated Speech Signals to Enhance Fluency in Persons Who Stutter (Silent Block).

Methods and Devices for Enhancing Fluency in Personas Who Stutter Employing Visual Speech Gestures.

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Methods and Devices for Treating Non-Stuttering Pathologies Using Frequency Altered Feedback.

Methods and Devices for Treating Non-Stuttering Speech/Language Disorders Using Delayed Auditory Feedback. Non-Provisional.

University Spin-Off Companies.

Reading Comprehension Solutions. Michael P. Rastatter, Ph.D FOUNDER. To Be Launched in July, 2010 to develop and distribute the technology developed at ECU based on my research in reading. The device, The Reading Scholar. Projected company valuation: \$14 billion.

Janus Development Group. Launched by ECU to develop technological devices that assist persons who stutter. Janus Development is marketing an anti-stuttering device invented by Drs. Michael Rastatter, Joseph Kalinowski, and Andrew Stuart.

Program Development.

Developed the "Request For Authorization To Establish A New Program" document for the establishment of a Doctoral Degree in Speech Language Pathology and Audiology in the Department of Communication Sciences and Disorders, School of Allied Health Sciences, East Carolina University. Approved by the University of North Carolina Board of Governors on February 9, 1996 (\$1,6000).

Secured funding for the development of a Distant Learning Programming in Speech-Language Pathology for the State of North Carolina. Initiated in the fall of 1997. Supported by the University of North Carolina Board of Governors (\$250,000).

IV. Teaching Experiences:

Taught Undergraduate and Graduate (MS/Ph.D.) coursework in Speech, Language and Hearing Sciences, (including Anatomy and Physiology of the Speech Mechanisms, Speech Acoustics, Perception), Neuroscience (Anatomy/Physiology of Human Communication Systems), Neurolinguistics (Neurolinguistic Organization, Speech Motor Control, Altered Auditory Feedback Mechanisms), Neuropathology (Aphasia, Motor Speech Disorders).

C. Clinical Supervision:

ECU--Academic Year 1994-1998.

BGSU--Academic Years 1976-81 and 1991-1994

V. Academic Advising.

Currently advising 3 doctoral and 2 master's students research programs.

VI. Professional Consultantships.

Consultant: Davis Defense Group, Quantico, VA., Advisement for securing a US Defense Department Contract for Special Operations Command (SOCOM), the Department Home Land Security, and The Office of the Secretary of Defense for military field-use (Battle) acoustic systems, June, 2004 – Present.

Consultant: Stutter Free, LLC, Distributor of the SpeechEasy Device, A Janus Development Group subsidiary, Greenville, NC, November, 2002 – Present.

VII. Grants.

A Device to Ameliorate Stuttering. The Medical Foundation of East Carolina University. Awarded \$50,000.

North Carolina Scottish Rite Clinic for Childhood Language Disorders and Training Program. North Carolina Scottish Rite Masonic Foundation, Inc. Funded \$75,000; 1994 2004 (Total: \$750,000)

Spousal Couple's Initial Adjustment to Stroke (Co PI) NIA - Behavioral and Social Research - Behavioral Medicine, Amount Requested \$1,250,000. Approved 1994. Resigned as Co-PI to accept the Chair position at ECU.

Aids Education in Ohio Colleges and Universities, Ohio Department of Health (Co PI). Funded \$296,100 (3-year award).

Hemispheric Processing Characteristics of Stutterers Under Altered Auditory Feedback Conditions. 1993/94 Major Grant, Bowling Green State University. \$10,000.

Circulatory Levels of Gamma Aminobutyric Acid and Acetylcholine in Stutterers. Biomedical Research Support Grant, Bowling Green State University. \$1500.

A Longitudinal Study of the Cognitive and Linguistic Aspects of Dementia. Research Challenge Program, BGSU. \$7,800.

VIII. Direction of Thesis and Dissertations

Directed both Master's Theses (22 – BGSU/ECU) and Dissertations (15 BGSU/ECU/North Carolina State University). All thesis and dissertation activity resulted in state, national, and international refereed presentations, and refereed publications.

IX. Publications: Refereed

- Publications:

Carter, M., Rastatter, M.,P. Walker, M., O'Brien, K., (2009). The effects of frequency altered feedback on the reading processes of adults with reading disorders. *Neuro Sci. Lett*, 16-33.

Deal, R.A., Strauss Hough, M., Walker, M., Rastatter, M., Hudson, S.,& King, K. (2010). Post-traumatic amnesia duration after traumatic brain injury: Relationship to outcome of pragmatic skills during chronic phase of recovery. *Journal of Medical Speech-Language Pathology*.18, 1, 35-47.

King, K., Hough, M., Walker, M., Rastatter, M., and Holbert, D. (2008). Mild Traumatic Brain Injury: Effects on Word Retrieval and Discourse. *Brain Injury*, 56-68.

Rastatter, M.,P., Barrow, I., & Stuart, A. (2007). The effects of frequency altered feedback on reading comprehension abilities of normal and reading disordered children. (416) 266-271.

Barrow I., Hough, M., Walker, M., Rastatter, M.P. (2007). The Effects of Mild TBI on Confrontation Naming in Adults. *Brain Injur*143-158..

Barrow, I.M., Givens, G., Stuart, A., Kalinowski, J., and Rastatter, M. (2005) Influence of duration and location of pauses on comprehension of a temporarily ambiguous utterance in adults. *Perceptual and Motor Skills* 100, 142-152.

Rami, M., Kalinowski, J., Rastatter, M.P., Holbert, D., & Allen (2005). Choral reading with filtered speech: Effect on Stuttering. *Perceptual Motor Skills*, 100, 421-431.

Saltukaroglu, T., Kalinowski, J.,Stuart, A. & , Rastatter, M.P. (2005). Stuttering frequency on meaningful and non-meaningful words in adults who stutter. *Folia Phoniatica Logopaedica*, 19, 216-227.

Saltukaroglu, T., Kalinowski, J.,Dayalu, V.N., Stuart, A. & , Rastatter, M.P. (2004). Voluntary stuttering suppresses true stuttering: A window on speech perception-production link. *Perception and Psychophysics*, 66, 249-54.

Barrow, I.M., Givens, G., Stuart, A., Kalinowski, J., and Rastatter, M. (2005) Influence of duration and location of pauses on comprehension of a temporarily ambiguous utterance in adults.

Perceptual and Motor Skills 100, 142-152.

Stuart, A., Kalinowski, J., Rastatter M. P., Saltuklaroglu, T., & Dayalu, V. N. (2004) Investigations Of The Impact Of Altered Auditory Feedback In-The-Ear Devices On The Speech Of People Who Stutter: Initial Fitting And Four-Month Follow-Up. *International Journal of Language & Communication Disorders*, (39), 93-113.

Weathers, M.D., Kitsantas, P., Leaver, T., O'Brien, P., Campbell, M. (2004). Recognition accuracy and reaction time of vocal expressions of emotion by African-American and Euro-American college women. *Perceptual and Motor Skills*, 99 (2), 662-668.

Barrow, I.M., Hough, M., Rastatter, M.P., Walker, M., Holbert, D., and Rotondo, M. (2003) Can within category naming identify subtle cognitive deficits in the mild traumatic brain injured patient? *Journal of Trauma, Injury, Infection, and Critical Care*, 54(5), 1-10.

Stuart, A., Xia, Shixiong, Jaing, Yining, Jiang, Tao, Kalinowski, J., & Rastatter, M. P. (2003). The First Self-Contained In-The-Ear Device To Deliver Altered Auditory Feedback: Applications For Stuttering. *Annals of Biomedical Engineering*. 31, 233-237.

Barrow, I.M., Hough, M., Rastatter, M.P., Walker, M., Holbert, D., and Rotondo, M. (2003) Can within category naming identify subtle cognitive deficits in the mild traumatic brain injured patient? *Journal of Trauma, Injury, Infection, and Critical Care*, 54(5), 1-10.

Rami, M., Kalinowski, J., Stuart, A., & Rastatter, M.P (In Press). Self-perceptions of speech language pathologists-in-training before and after pseudostuttering experiences on the telephone. *Disability and Rehabilitation*.

Saltuklaroglu, T., Dayalu, V.N., Kalinowski, J., Stuart, A., & Rastatter, M.P. (2002). Say it with me: Stuttering inhibited. *Journal of Clinical and Experimental Neuropsychology*.

Dayalu, V. N., Kalinowski, J., Stuart, A., Holbert, D., & Rastatter, M. P. (2002). Stuttering frequency on content and function words in adults who stutter: A concept revisited. *Journal of Speech, Language, and Hearing Research*, 45, 858-870.

Stuart, A., Kalinowski, J., Stuart, A., Rastatter, M., & Lynch, K. (2002). Effect of Delayed Auditory Feedback on Normal Speakers at Two Speech Rates. *Journal of the Acoustical Society of American*, 111, 2237-2241.

Walker, M., Barrow, I., & Rastatter, M.P. (2001). The effects of dimension and vocabulary-age on picture naming functions. *Journal of Communication Disorders*, 35, 1-11.

Dayalu, V. N., Saltuklaroglu, T., Kalinowski, J., Stuart, A., & Rastatter, M. P. (2001). Producing the Vowel /a/ Prior to Speaking Inhibits Stuttering in Adults. *Neuroscience Letters*, 306, 111-115

Walker, M., Spires, H. & Rastatter, M. (2001). Hemispheric processing characteristics for lexical decisions in adults with reading disorders. *Perceptual and Motor Skills*, 92, 273-287.

Kalinowski, J., Dayalu, V.N., Stuart, A., Rastatter, M.P., & Rami, M.K. (2000) Stutter-free and Stutter-filled Speech Signals and Their Role In Stuttering Amelioration. *Neuroscience Letters*, 293, 115-118.

Barrow, I, Holbert, D, & Rastatter, M.P. (2000). Effect of Color on Developmental Picture-Vocabulary Naming of 4, 6, and 8 year old Children. *American Journal of Speech-Language Pathology*, 9, 310-318.

Kalinowski, J., Stuart, A., Rastatter, M. P, Dayalu, V. & Snyder, G. (2000). Inducement of Fluent Speech in Persons Who Stutter Via Visual Choral Speech. *Neuroscience Letters*, 281,198-200

Rami, M. K., Shine, R. E., & Rastatter, M. P. (2000). Stutterer's Vocal reaction times to unilaterally presented high and low frequency verbs. *Perceptual and Motor Skill*, 91,123-130.

Rami, M., Kalinowski, J., Stuart, A., & Rastatter, M.P., (1999). Voice Onset Time and Burst Frequency of Velar Stop Consonants in Asian Indian Gujarati. *Journal of the Acoustical Society of America*, 106, 3736-3738

Kalinowski, J., Stuart, A., Wamsley, L., & Rastatter, M.P. (1999). Effect of monitoring condition and altered auditory feedback on stuttering frequency. *Journal of Speech, Language, and Hearing Research*, 42, 13447-1354.

Kalinowski, Stuart, Rastatter, Miller, Zimmerman, and Shine (1998). Examination of altered auditory feedback: Therapeutic implications. In E.C.Healey and H.F. M. Peters (Eds.) *Proceedings of the Second World Congress on Fluency Disorders*. Pp 54-57. Nijmegen, The Netherlands: Nijmegen University Press.

Kalinowski, A.G., Kalinowski, J., Stuart, A., & Rastatter, M., P. (1998). A latent approach to the development of persistent stuttering. *Perceptual and Motor Skills*, 87, 1331-1358.

Rastatter, M.P., Stuart, A., & Kalinowski, J. (1998). Quantitative electroencephalogram of posterior cortical areas of fluent and stuttering participants during reading with normal and altered auditory feedback. *Perceptual and Motor Skills*, 87,623-633.

Kalinowski, J., Rastatter, M.P., & Stuart, A. (1998). Altered auditory feedback research conditions and situations of everyday life: Comments on Ingham, Moglia, Frank, Costello Ingham, and Cordes (1997). *Journal of Speech and Hearing Research*, 41, 511-512.

Stuart, A., Kalinowski, J, & Rastatter, M. P. (1997). Effect of Monaural and Binaural Altered Auditory Feedback on Stuttering Frequency. *Journal of the Acoustical Society of America*, 101 (6), 3806 - 3809.

Zimmerman, S., Kalinowski, J., Stuart, A., and Rastatter, M., (1997) Effect of altered auditory feedback on people who stutter during scripted telephone conversations. *Journal of Speech, Language, and Hearing Research*,

Stuart, A., Miller, R., Kalinowski, J., and Rastatter, M. (1997). Effects of a passive resonator on stuttering frequency. *Perceptual and Motor Skills*, 84, 1343 - 1346.

Glover, H., Kalinowski, J., Stuart, A. and Rastatter, M. (1997). Instruction stutters to sing: Effects on stuttering frequency at two speaking rates. W. Hulstijn, H.F.M. Peters and P.H.H.M. Van Lieshout (Eds.), *Speech Production: Motor Control, Brain Research and Fluency Disorders*. Elsevier Science B.V.

Rastatter, M.P., McGuire, R. A., Kalinowski, J., & Stuart, A. (1997). Format Frequency Characteristics of Elderly Speakers in Contextual Speech. *Folia Phoniatica et Logopedica*, 49, 1-8).

Kaderavek, J. N., & Rastatter, M. P. (1996). Hemispheric object naming and inter hemispheric transfer function in reading disordered children. *Reading and Writing*, 8, 161-169.

Glover, H., Kalinowski, J., Rastatter, M., & Stuart, A. (1996). Effect of instruction to sing on stuttering frequency at normal rates. *Perceptual and Motor Skills*, 83, 511-522.

Rizzo, S. R., & Rastatter, M.P. (1995). Audiology and speech-language pathology graduate education: An innovative approach. *National Student Speech Language Hearing Association Journal*, 22, 63-66

Rastatter, M.P., & Stuart, A. (1995) Hemispheric Picture-Naming Hierarchies in stuttering subjects. *Perceptual and Motor Skills*, 81, 889-908

Ellis, L. W., Kaderavek, J. N. & Rastatter, M. P. (1993). Use of magnitude estimation scaling for predicting hemispheric processing of lexical decisions. *Perceptual and Motor Skills*, 76, 1147-1152.

Kaderavek, J., Kreger, J. C. & Rastatter, M. P. (1992). Management of trait anxiety and fluency of stutters. *Applied Kinesiology Review*, 3, 27-31.

Rastatter, M. P. & McGuire, R. A. (1992). Hemispheric processing strategies for lexical decisions among elderly persons. *Perceptual and Motor Skills*, 75, 1275-1280.

Scukanec, G. P., Petrosino, L. & Rastatter, M. P. (1992). Fundamental frequency variability in elderly women during production of stressed and unstressed words. *Perceptual and Motor Skills*, 74, 1091-1095.

- Rastatter, M. P. & McGuire, R. A. (1991). Do the hemispheres interact during object naming? Evidence from Tachistoscopic viewing and time-sharing paradigms. *Perceptual and Motor Skills*, 73, 1019-1024.
- Rastatter, M. P., McGuire, R. A., & Scukanec, G. (1991). Influence of vocabulary-age on unilateral picture-naming reaction times of normal subjects. *Perceptual and Motor Skills*, 73, 1047-1054.
- Jacques, R. & Rastatter, M. P. (1990). Recognition of speaker-age from selected acoustic features as perceived by normal young and geriatric listeners. *Folia Phoniatica*, 48, 118-124.
- Rastatter, M. P., Watson, M. & Shulman, B. (1990). Neurolinguistic organization in learning disabled children and adolescents. Some evidence from monaural verbal reaction time. *Learning Disabilities Research*, 5, 79-87.
- Rastatter, M. P. & McGuire, R. A. (1990). Some effects of advanced aging on the visual-language processing capacity of the left and right hemispheres: Evidence from unilateral tachistoscopic viewing. *Journal of Speech and Hearing Research*, 33, 134-140.
- Rastatter, M. P. & Scukanec, G. (1990). Evidence for hemispheric specialization of lexical distinctions in bilingual Chinese-Mandarin speakers. *Cortex*, 26, 423-432.
- Rastatter, M. P. & Jacques, R. (1990). Formant frequency structure of the aging male and female vocal tract. *Folia Phoniatica*, 46, 302-311.
- Rastatter, M. P. & Dell, C. (1990). Reaction times of moderate and severe stutterers to monaural verbal stimuli. Since implications for neurolinguistic organization in *Readings on Research in Stuttering*, Ed. E. Charles Healey, Longman Publishing.
- Watson, M., Stewart, M., Krause, K. & Rastatter, M. P. (1990). Identification of time-compressed sentential stimuli by good vs. poor readers. *Perceptual and Motor Skills*, 71, 107-114.
- Rastatter, M. P., Scukanec, G. & Grilliot, J. (1989). Hemispheric specialization for processing Chinese characters: Some evidence from lexical decision vocal reaction times. *Perceptual and Motor Skills*, 69, 1083-1089.
- Rastatter, M. P., May-Watson, M. & Simmons, D. (1989). The effects of time-compression on feature and frequency discrimination in aged listeners. *Perceptual and Motor Skills*, 68, 367-372.
- Rastatter, M. P., McGuire, R. A. & Loren, C. (1988). Linguistic encoding dominance in stuttering: Some evidence for temporal and qualitative processing differences. *Journal of Fluency Disorders*, 13, 215-224.
- Rastatter, M. P. & Harr, R. (1988). Measurements of plasma levels of adrenergic neurotransmitters and primary amino acids in five stuttering subjects: A preliminary report. *Journal of Fluency Disorders*, 13, 127-139.

- Rastatter, M. P. & Loren, C. (1988). Visual coding dominance in stuttering: Some evidence from central tachistoscopic stimulation. *Journal of Fluency Disorders*, 13, 89-95.
- Rastatter, M. P. & Dell, C. W. (1988). Reading reaction times of stutterers to unilateral, tachistoscopically presented concrete and abstract words. *Journal of Fluency Disorders*, 13, 319-329.
- Rastatter, M. P. & Loren, C. (1988). Vocal reaction times to tachistoscopically presented high-and low-frequency verbs. *Perceptual and Motor Skills*, 66, 803-810.
- Rastatter, M. P. & Dell, C. W. (1987). Reaction times of moderate and severe stutterers to monaural verbal stimuli: Some implications for neurolinguistic organization. *Journal of Speech and Hearing Research*, 30, 21-27.
- Rastatter, M. P. & Dell, C. W. (1987). Vocal reaction times of stuttering subjects to tachistoscopically presented concrete and abstract words: A closer look at cerebral dominance and language processing. *Journal of Speech and Hearing Research*, 30, 306-310.
- Rastatter, M. P. & Lawson-Brill, C. (1987). Reaction times of aging subjects to monaural verbal stimuli: Some evidence for a reduction of right hemisphere processing function. *Journal of Speech and Hearing Research*, 30, 261-267.
- Rastatter, M. P., Dell, C. W., McGuire, R. & Loren, C. (1987). Vocal reaction times to unilaterally presented concrete and abstract words: Toward a theory for differential, right hemispheric semantic processing. *Cortex*, 23, 135-142.
- Rastatter, M. P. & Dell, C. W. (1987). Simple vocal and lexical decision reaction times of stuttering subjects. *Journal of Fluency Disorders*, 12, 63-69.
- Rastatter, M. P., Loren, C. & Colcord, R. (1987). Visual coding strategies and hemispheric dominance characteristics of stutterers. *Journal of Fluency Disorders*, 12, 305-315.
- Rastatter, M. P., McGuire, R. & Blair, B. (1987). EMG activity of the orbicularis oris inferior, orbicularis oris superior and masseter muscles of mild and moderate articulatory disordered children. *Perceptual and Motor Skills*, 64, 725-726.
- Rastatter, M., McGuire, R. & Blair, B. (1987). EMG activity with the jaw fixed of orbicularis oris superior, orbicularis oris inferior, and masseter muscles of mild and moderate articulatory disordered children, *Perceptual and Motor Skills*, 64, 1213-1214.
- Rastatter, M. P., McGuire, R., Bushong, L. & Loposki, M. (1987). Speech motor equivalence in aging subjects. *Perceptual and Motor Skills*, 64, 635-638.
- Rastatter, M. P. (1987). Splitting the language learning disabled child's brain with monaural verbal and tonal reaction times. *Topics in Childhood Communication Disorders*.

Rastatter, M. P. & Hood, S. B. (1986). Simple motor and phonemic processing reaction times of elderly subjects. *Journal of Auditory Research*, 26, 157-166.

Colcord, R., Loren, C. & Rastatter, M. (1986). Effects of auditory masking by white noise on primary stressing during spontaneous speech. *Perceptual and Motor Skills*, 63, 1217-1218.

Loren, C. A., Colcord, R. D. & Rastatter, M. P. (1986). Effects of auditory masking by white noise on variability of fundamental frequency during highly similar productions of spontaneous speech. *Perceptual and Motor Skills*, 63, 1203-1206.

Morgan, E. E. & Rastatter, M. P. (1986). Variability of voice fundamental frequency in elderly female speakers. *Perceptual and Motor Skills*, 63, 215-218.

Olscamp, R., McGuire, R. A. & Rastatter, M. (1986). EMG activity of the orbicularis oris superior, orbicularis oris inferior, and masseter muscles of a cleft-palate child. *Perceptual and Motor Skills*, 63, 679-682.

Shulman, B., Russell, S. & Rastatter, M. (1986). Syntactic decoding times in learning disabled children. *Perceptual and Motor Skills*, 63, 124-135.

May, M. & Rastatter, M. P. (1986). Spectral characteristics of time compressed phonemes: Some evidence of an acoustic-perceptual correspondence. *Perceptual and Motor Skills*, 62, 9-10.

Rastatter, M. & Sullivan, J. (1986). The utility of the group coefficient of variation in predicting speech-motor equivalence in normal and articulatory disordered speakers. *Perceptual and Motor Skills*, 62, 133-134.

McGuire, R. A., Loren, C. & Rastatter, M. (1986). Naming reaction times to tachistoscopically presented pictures: Some evidence for right hemispheric verbal encoding. *Perceptual and Motor Skills*, 62, 303-306.

Cousino, M. & Rastatter, M. P. (1985). Some evidence for right hemisphere linguistic function in 4-year-old children. *Cortex*, 21, 445-452.

Gallaher, A. J. & Rastatter, M. P. (1985). Reaction times of severe Broca's aphasics to monaural verbal stimuli. *Brain and Language*, 25, 134-143.

Jacques, R. D. & Rastatter, M. P. & Sullivan, J. (1985). Some effects of congenital spasticity on fundamental frequency. *Perceptual and Motor Skills*, 61, 75-80.

Rastatter, M. & Dell, C. W. (1985). Simple motor and phonemic processing reaction times of stutterers. *Perceptual and Motor Skills*, 61, 463-466.

May-Watson, M. & Rastatter, M. P. (1985). The effects of time compression on the auditory processing abilities of learning disabled children. *The Journal of Auditory Research*, 25, 167-173.

- Rivers, C. & Rastatter, M. P. (1985). The effects of multi-talker and masking noise on fundamental frequency variability during spontaneous speech for children and adults. *The Journal of Auditory Research*, 25, 37-45.
- McGuire, R. A. & Rastatter, M. P. (1985). Masking effects on formant frequency structure variability under selected speaking conditions. *The Journal of Auditory Research*, 25, 73-80.
- May, M., Rastatter, M. P. & Simmons, F. J. (1984). The effects of time compression on auditory feature processing as a function of age. *Journal of Auditory Research*, 24, 205-211.
- Rastatter, M. P. & Blair, B. (1984). Developmental influences on speech motor equivalence: Some implications for articulatory disordered children. *Perceptual and Motor Skills*, 59, 995-998.
- Rastatter, M. P. (1984). Relative amplitude and time characteristics of denasalized /m/, /n/ and / / consonants. *Language, Speech and Hearing Services in Schools*, 15, 253-261.
- Rastatter, M. P. & DeJarnette, G. (1984). EMG activity of orbicularis oris superior, orbicularis oris inferior and masseter muscles of articulatory disordered children. *Perceptual and Motor Skills*, 58, 191-196.
- Rastatter, M. P. & DeJarnette, G. (1984). EMG activity with the jaw fixed of orbicularis oris superior, orbicularis oris inferior and masseter muscles of articulatory disordered children. *Perceptual and Motor Skills*, 58, 286.
- Rastatter, M. P. & Hyman, M. (1984). Effects of selected rhonologic disorders on the perception of nasal resonance in children. *Language, Speech and Hearing Services in Schools*, 15, 44-50.
- Fischbach-Kottman, Y. & Rastatter, M. P. (1984). The effects of age and sex on phonemic processing time during a picture recognition task. *Journal of Auditory Research*, 24, 1-8.
- Rastatter, M. P. & Rivers, C. (1983). The effects of short-term auditory masking on fundamental frequency variability. *The Journal of Auditory Research*, 23, 33-42.
- Rastatter, M. P. & Gallaher, A. J. (1983). Cerebral asymmetry for verbal information in severe aphasia. *Journal of Auditory Research* 23, 271-279.
- Rastatter, M. P. & Gallaher, A. (1982). Reaction times of normal subjects to monaurally presented verbal and tonal stimuli. *Neuropsychologia*, 20, 4, 465-473.
- Rastatter, M. P. & Hyman, M. (1982). Maximum phoneme duration of /s/ and /z/ by children with vocal nodules. *Language, Speech and Hearing Services in Schools*, 13, 3, 197-199.
- Rastatter, M. P. & Hyman, M. (1981). Cortical plasticity for language function. *Inflections*, 1, 4, 14-19.

Danhauer, J. L., Rastatter, M. P. & Herman, G. (1978). Distinctive features for short-term memory of consonants in noise. *Journal of Auditory Research*, 18, 63-68.

Published Chapters:

Glover, H., Kalinowski, J., Stuart, A. & Rastatter, M. (1997). Instructing stutterers to sing: Effect on stuttering frequency at two rates speaking rates. In W. Hulstijn, H.F.M.Peters, & P.H.H.M. Van Lieshout (Eds.), *Speech production: Motor control, brain research, and fluency disorders* (pp. 487-494). Amsterdam, The Netherlands: Elsevier Science .

X. Papers Presented to Professional Societies.

Rastatter, M. P., Kalinowski, J., Stuart, A., & Cranford, J. Topographic EEG mapping of stutterers during speech and non-speech tasks. Presented at the 3rd International Conference on Speech Motor Production and Fluency Disorders, University of Nijmegen, The Netherlands, June 1996.

Glover, H., Kalinowski, J., Stuart, A., & Rastatter, M. P. Effects of singing and altered auditory feedback on stuttering frequency. Presented at the 3rd International Conference on Motor Speech Production and Fluency Disorders, University of Nijmegen, The Netherlands, June 1996.

Rastatter, M. P. Hemispheric organization for complex lexicon in stuttering sublets. Presented at the Visiting Scholar Lecture Series, The School of Human Communication Disorders, Dalhousie University, Halifax, Nova Scotia, August 1993.

Rastatter, M. P. The triune brain and human communication: A neuroevolutional approach to communication development in cerebral palsy. Presented at the 13th Annual Convention of the Professional Association for Retardation, November 20, 1981.

Rastatter, M. Neuroevolutional approach to communicative development in cerebral palsy. Presented at the 12th Annual Convention of the Professional Association for Retardation, November 14, 1980.

Rastatter, M. Neuroevolutional approach to communicative development in the neurological impaired child. Presented at the Northwest Ohio Instructional Resource Center for Handicapped Children, May 9, 1980.

- Refereed Presentations:

King, K., Hough, M., Rastatter, M., & Holbert "Influence of Prosodic Characteristics on the Hemispheric Processing of Linguistic and Non-linguistic Stimuli." To be presented at the 2006 Clinical Aphasiology Conference.

King, K., Hough, M., Rastatter, M., & Holbert "Relationship Between Post-Traumatic Amnesia Duration and Pragmatics After Brain Injury. To be presented at the 2006 Clinical Aphasiology Conference.

Corcoran, M, Rastatter, M., Riggsbee, & Walker, M. Lexical organization % decoding speed in children with reading disorders. , Presented at the 2005 American Speech-Language-Hearing Association Annual Convention, San Diego.

Allan, M, Kumar, V., Nanjundeswaran, C, & Rastatter, M. Acoustic analysis of stuttering 7 pseudostuttering. Presented at the Annual Conference of the American Speech-Language-Hearing Association, San Diego, CA. November, 2005

Hough, M., Walker, M., King, K., Hudson, S., Rastatter, M.P. The effects of post-traumatic amnesia duration on pragmatic skills in traumatically brain injured patients. Presented at the 2005 Clinical Aphasiology Conference.

Weathers, M., Panagiota, K., Lever, T., O'Brian, P., Campbell, S., & Rastatter, M.P., M. Recognition of vocal expressions of emotion, Presented at the 2004 American Speech-Language-Hearing Association Annual Convention, Philadelphia.

Weathers, M., Panagiota, K., Lever, T., Baulch, M., Crosson, C. & Rastatter, M.P. Emotion of facial recognition of child and adult facial expressions, Presented at the 2004 American Speech-Language-Hearing Association Annual Convention, Philadelphia.

Walker, M, & Rastatter, M.P. Lexical decisions strategies in children with reading disorders. Presented at the 2004 American Speech-Language-Hearing Association Annual Convention, Philadelphia.

Dayalu, V.N., Saltuklaroglu, T., Guntupalli, V.K., Kalinowski, J., Stuart, A., & Rastatter, M.P. (2003). Stuttering Inhibition from Forward and Backward Second Signals. *Asha Leader* 8, (15-P), 147.

Guntupalli, V.K., Dayalu, V.N., Saltuklaroglu, T., Kalinowski, J., Stuart, A., & Rastatter, M.P. (2003). In the Ear Auditory Feedback Device for People Who Stutter: Users' Perspectives. *Asha Leader* 8, (15-P), 152.

Guntupalli, V.K., Dayalu, V.N., Saltuklaroglu, T., Kalinowski, J., Stuart, A., & Rastatter, M.P. (2003). Stuttering Amelioration From Continuous Speech and Non-Speech Second Signals. *Asha Leader* 8, (15-P), 155.

Saltuklaroglu, T., Dayalu, V.N., Guntupalli, V.K., Kalinowski, J., Stuart, A., & Rastatter, M.P. (2003). One Year Follow-Up on People Who Stutter Using the SpeechEasy Treatment Protocol. *Asha Leader* 8, (15-P), 155.

King, k., Hough, M., Walker, M., Rastatter M.P., & Holbert, D. Traumatic Brain Injury: Effects on Word Retrieval in Naming and Discourse (2003). *Asha Leader* 8, 155.

The Effect of Color & Vocabulary Age on Hemispheric Picture Naming Characteristics in Children with Reading Disorders (Marianna Walker, Elizabeth Owens, Michael Rastatter, & Andy Stuart).

Joint Conference of the IX International Congress for the Study of Child Language Disorders and the Symposium on Research in Child Language Disorders, Madison, Wisconsin, July, 2002.

Kalinowski, J., Stuart, A., Rastatter, M. P., Dayalu, V. N., & Saltuklaroglu, T. (November 21, 2002). Efficacy of the speecheasy therapeutic protocol for people who stutter. Poster presented at the 2002 American Speech-Language-Hearing Association Annual Convention, Atlanta, GA.

Saltuklaroglu, T., Dayalu, V. N., Kalinowski, J., Stuart, A., & Rastatter, M. P. (November 22, 2002). Fluency carry-over effects from shadowed pseudostuttered and fluent speech. Poster presented at the 2002 American Speech-Language-Hearing Association Annual Convention, Atlanta, GA.

Saltuklaroglu, T., Dayalu, V. N., Kalinowski, J., Stuart, A., & Rastatter, M. P. (November 22, 2002). Effects of pseudostuttering on stuttering frequency in adults. Poster presented at the 2002 American Speech-Language-Hearing Association Annual Convention, Atlanta, GA.

Dayalu, V. N., Saltuklaroglu, T., Kalinowski, J., Stuart, A., & Rastatter, M. P. (November 23, 2002). Voicing as a fluency enhancer in second speech signals. Poster presented at the 2002 American Speech-Language-Hearing Association Annual Convention, Atlanta, GA.

Kalinowski, J., Dayalu, V. N., Stuart, A., Saltuklaroglu, T., & Rastatter, M. P. (November 23, 2002). Investigating the role of meaningfulness in stuttering. Poster presented at the 2002 American Speech-Language-Hearing Association Annual Convention, Atlanta, GA.

Dayalu, V.N., Saltaklaralu, T., Kalinowski, J., Stuart, A., & Rasatter, M.P. (November 16, 2001). Stuttering reduction via fluent and nonfluent second speech signals. Poster presented at the 2001 American Speech-Language-Hearing Association Annual Convention, New Orleans, LA.

Kalinowski, J., Dayalu, V.N., Stuart, A., & Rasatter, M.P. (November 16, 2001). Fluency enhancement in persons who stutter via visual choral feedback. Poster presented at the 2001 American Speech-Language-Hearing Association Annual Convention, New Orleans, LA.

Saltaklaralu, T., Dayalu, V.N., Kalinowski, J., Stuart, A., & Rasatter, M.P. (November 16, 2001). Speech perception primes speech production in those who stutter. Poster presented at the 2001 American Speech-Language-Hearing Association Annual Convention, New Orleans, LA.

Thorne, L.A., Dayalu, V.N., Stuart, A., Kalinowski, J., & Rasatter, M.P. (November 16, 2001). Effect of auditory feedback and word type on stuttering. Poster presented at the 2001 American Speech-Language-Hearing Association Annual Convention, New Orleans, LA.

Thorne, L.A., Dayalu, V.N., Stuart, A., Kalinowski, J., & Rasatter, M.P. (November 16, 2001). (November 16, 2001). Effect of auditory feedback and consonant type on stuttering. Poster presented at the 2001 American Speech-Language-Hearing Association Annual Convention, New Orleans, LA.

- Kalinowski, J., Saltaklaralu, T., Dayalu, V.N., Stuart, A., & Rasatter, M.P. (November 16, 2001). Effect of DAF and FAF on stuttering frequency in children. Poster presented at the 2001 American Speech-Language-Hearing Association Annual Convention, New Orleans, LA.
- Harrison, A.L., Rastatter, M.P., Stuart, A., & Kalinowski, J. (November 16, 2001). Speech naturalness in those who stutter under altered feedback. Poster presented at the 2001 American Speech-Language-Hearing Association Annual Convention, New Orleans, LA.
- Walker, M. & Rastatter, M.P. Reaction times of reading disabled children to unilateral concrete and abstract words.
Symposium on Research in Child Language Disorders, Madison, Wisconsin, June 2001.
- Barrow, I.M., Givens, G., Stuart, A., Rastatter, M.P., & Kalinowski, J. Influence of pause duration and location on perception in adults. Presented at the 2000 American Speech-Language-Hearing Association Annual Convention, Washington, DC., November. 2000.
- Rami, M. K., Kalinowski, J., Rastatter, M.P., & Stuart, A., Effect of pseudostuttering on graduate students in speech-language pathology. Presented at the 2000 American Speech-Language-Hearing Association Annual Convention, Washington, DC., November, 2000.
- Dayalu, V., Kalinowski, J., Stuart, A., Holbert, D., & Rastatter, M. P. Stuttering frequency on content and function words in adults who stutter: A concept revisited. Presented at the American Speech-Language-Hearing Association Annual Convention, Washington, DC, November, 2000.
- Kalinowski, J., Stuart, A., Rastatter, M. P, Dayalu, V. & Snyder, G. Inducement of Fluent Speech in Persons Who Stutter Via Visual Choral Speech. Presented at the Society of Neuroscience Annual Convention, New Orleans, LA. June, 2000.
- Kalinowski, J., Stuart, A., Rastatter, M. P, Dayalu, V. N., Snyder, G., Thorne, L. A., & Rami, M. Gestural feedback, sensory-motor integration, hemispheric relationships, and stuttering. Presented at the American Speech-Language-Hearing Association Annual Convention, Washington, DC. November, 2000.
- Walker, M. & Rastatter, M. Central processing picture-naming strategies in reading disordered children. Symposium on Research in Child Language Disorders, Madison, Wisconsin, June, 2000.
- Rastatter, M. P. Hemispheric processing of visual-linguistic information in stutterers: Some theoretical implications for speech motor output. 2nd International Conference: Speech Motor Control and Stuttering, University of Nijmegen, Nymegen, The Netherlands, June, 1998.
- Kalinowski, J., Lynch, K., Stuart, A., Rami, M., & Rastatter, M.P. Effect of auditory feedback & controlled speech rate on stuttering frequency. Presented at the annual meeting of the American Speech-Language-Hearing Association: San Antonio, Texas November, 1998.

Kalinowski, J., Stuart, A., Rastatter, M., & Wamsley, L. Do manipulations of monitoring affect stuttering frequency during NAF & FAF? Presented at the annual meeting of the American Speech-Language-Hearing Association: San Antonio, Texas November, 1998.

Stuart, A., Kalinowski, J., Lynch, K., Rami, M., & Raster, M., Effect of DAF on normal speakers at normal and fast rates. Presented at the annual meeting of the American Speech-Language-Hearing Association: San Antonio, Texas November, 1998.

Zimmerman, S., Kalinowski, J., Shine, R., Rastatter, M., & Stuart, A. Effects of altered auditory feedback on stuttering rates during scripted telephone conversations. Presented at the 2nd World Congress on Fluency Disorders, San Francisco, CA, August, 1997.

Wamsley, L., Stuart, A., Kalinowski, J., & Rastatter, M. Effects of various environmental conditions on stuttering under NAF and FAF. Presented at the 2nd World Congress on Fluency Disorders, San Francisco, CA, August, 1997.

Rastatter, M., Kalinowski, J., Stuart, A., & Shine, R. The effects of altered auditory feedback on topographic mapping in stuttering subjects. Presented at the 2nd World Congress on Fluency Disorders, San Francisco, CA, August, 1997.

Miller, R., Rastatter, M., Kalinowski, J., Stuart, A., & Shine, R. Effects of speaking into a passive resonator following exposure to frequency altered feedback. Presented at the 2nd World Congress on Fluency Disorders, San Francisco, CA, August, 1997.

Rastatter, M.P., & Kalinowski, J. Topographic brain mapping in stuttering. Presented at the North Carolina Speech, Hearing and Language Association 42nd Annual Convention: Charlotte, NC, April, 1996.

Kaderavek, J. N. & Rastatter, M. P. Neurolinguistic implications of dimensionality in picture vocabulary naming tasks. Presented at the annual meeting of the American Speech-Language-Hearing Association: New Orleans, LA, November, 1994.

Kaderavek, J. N. & Rastatter, M. P. Hemispheric object naming in normal children. Presented at the meeting of the American Speech, Language and Hearing Association: Sacramento, CA, November, 1993.

Kaderavek, J. N., French, M. P. & Rastatter, M. P. Hemispheric encoding capacities of reading disordered. Presented at the annual meeting of the American, Speech, Language and Hearing Association: San Antonio, TX, November 1992.

Ellis, L., Kaderavek, J. N. & Rastatter, M. P. Magnitude estimation scaling as a predictor of hemispheric language processing. Presented at the annual meeting of the American Speech, Language and Hearing Association: San Antonio, TX, November 1992.

Rastatter, M. P., Kaderavek, J. N., & French, M. P. Hemispheric language processing in reading disordered children. Presented at the Eastern Education Research Association Annual Meeting, Hilton Head, SC, March, 1992.

Rastatter, M. P. Hemispheric processing hierarchies in stutterers. Presented at the annual meeting of the American Speech, Language & Hearing Association, Atlanta, GA, November, 1991.

Rastatter, M. P. & McGuire, R. A. Hemispheric processing strategies for lexical decisions in the elderly. Presented at the annual meeting of the American Speech, Language & Hearing Association, Atlanta, GA, November, 1991.

Rastatter, M. P. & Dell, C. Interhemispheric transfer/comparison of tactile and motor information in stutterers. Presented at the annual meeting of the American Speech, Language & Hearing Association, Seattle, WA, November, 1990.

Rastatter, M. P., Sacco, P. R. & Scukanec, G. Picture vocabulary-age influence on hemispheric processing of stutterers. Presented at the annual meeting of the American Speech, Language & Hearing Association, Seattle, WA, November, 1990.

Scukanec, G. & Rastatter, M. P. Reaction times of bilingual speakers to tachistoscopically presented lexicons. Presented at the 1987 meeting of the American Speech, Language & Hearing Association, New Orleans, LA, November, 1987.

Loren C. & Rastatter, M. P. Visual coding dominance in stuttering: Evidence from central tachistoscopic stimulation. Presented at the 1987 meeting of the American Speech, Language & Hearing Association, New Orleans, LA, November, 1987.

McGuire, R. A. & Rastatter, M. P. Naming reaction times of stutterers to tachistoscopically presented pictures. Presented at the 1987 meeting of the American Speech, Language & Hearing Association, New Orleans, LA, November, 1987.

Olskamp, R. & Rastatter, M. P. Neurolinguistic processing for two types of lexicon. Presented at the Ninth Annual Allied Health Research Forum, Chicago, IL, May, 1987.

Loren, C. A. & Rastatter, M. P. Hemispheric information processing and linguistic dominance characteristics in stutterers. Presented at the Ninth Annual Allied Health Research Forum, Chicago, IL, May, 1987.

McGuire, R. A. & Rastatter, M. P. Vocal reaction times of aged subjects to unilaterally presented concrete and abstract words. Presented at the Ninth Annual Allied Health Research Forum, Chicago, IL, May, 1987.

McGuire, R. A. & Rastatter, M. P. Vocal reaction times of aging subjects to tachistoscopically presented concrete and abstract words. Presented at the 1986 meeting of the American Speech, Language and Hearing Association, Detroit, MI.

Olskamp, R. & Rastatter, M. Vocal reaction times to tachistoscopically presented verbs and nouns. Presented at the 1986 meeting of the American Speech, Language and Hearing Association, Detroit, MI.

Loren, C., Colcord, R. & Rastatter, M. Visual coding strategies and hemispheric dominance in stutterers. Presented at the 1986 meeting of the American Speech, Language and Hearing Association, Detroit, MI.

McGuire, R., & Rastatter, M. Visual encoding and hemispheric dominance in children. Presented at the 1987 meeting of the Ohio State Speech and Hearing Association, Columbus, OH.

Loren, C., Colcord, R. & Rastatter, M. Visual confusion errors and neurolinguistic organization in stuttering. Presented at the 1987 meeting of the Ohio State Speech and Hearing Association, Columbus, OH.

McGuire, R. & Rastatter, M. Visual language processing in the elderly. Presented at the 1987 meeting of the Ohio State Speech and Hearing Association, Columbus, OH.

McGuire, R. A. & Rastatter, M. The effectiveness of bite-block approach to articulation therapy; Preliminary electromyographic evidence. Presented at the 1986 convention of the Ohio Speech and Hearing Association, Cincinnati, OH.

Loren, C. A. & Rastatter, M. The effect of task complexity on EMG activity of orbicularis superior, orbicularis inferior, and masseter muscles of normal children. Presented at the 1986 convention of the Ohio Speech and Hearing Association, Cincinnati, OH.

McGuire, R. A. & Rastatter, M. P. The effects of disruptive speaking conditions on EMG activity of the orbicularis oris superior, orbicularis oris inferior and masseter muscles. Presented at the 1986 convention of the Ohio Speech and Hearing Association, Cincinnati, OH.

McGuire, R. A. & Rastatter, M. P. Verbal reaction times to tachistoscopically presented words: Interhemispheric interactions between verbal response and manual tapping. Presented at the 1986 convention of the Ohio Speech and Hearing Association, Cincinnati, OH.

Loren, C. A., Dell, C. W., McGuire, R. A. & Rastatter, M. P. Vocal reaction times to tachistoscopically presented concrete and abstract words. Presented at the 1986 convention of the Ohio Speech and Hearing Association, Cincinnati, OH.

McGuire, R. A. & Rastatter, M. P. Phonetic auditory processing times of learning disabled children: Preliminary evidence based on auditory backward recognition masking. Presented at the 1986 convention of the Ohio Speech and Hearing Association, Cincinnati, OH.

May, M. & Rastatter, M. The effects of time compression on frequency and feature processing in learning disabled children. Presented at the International Meeting of the Acoustical Society of America, May, 1986.

McGuire, R. A., Loren, C. & Rastatter, M. P. Vocal reaction times to tachistoscopically presented concrete and abstract words. Presented at the National Convention of the American Speech, Language and Hearing Association, November, 1985, Washington, D.C.

Dell, C. W. & Rastatter, M. P. Reading reaction times of stutterers to tachistoscopically presented words. Presented at the National Convention of the American Speech, Language and Hearing Association, November, 1985, Washington, D.C.

Watson, M., Rastatter, M. P. & Simmons, F. The effects of time compression on auditory feature processing. Presented at the National Convention of the American Speech, Language and Hearing Association, November, 1985, Washington, D. C.

Rastatter, M. P., Dell, C. W., McGuire, R. A. & Loren, C. Hemisphere organization for visual language. Presented at the Ohio Speech and Hearing Convention, Akron, OH, April, 1985.

Rastatter, M. P. & Cousino, M. Language organization in young children. Presented at the Ohio Speech and Hearing Convention, Akron, OH, April, 1985.

Dell, C. W. & Rastatter, M. P. Visual-language neuro-organization in stuttering subjects. Presented at the Ohio Speech and Hearing Convention, Akron, OH, April, 1985.

Loren, C., McGuire, R. A., Dell, C. W. & Rastatter, M. P. The effects of aging on transcallosal time. Presented at the Ohio Speech and Hearing Convention, Akron, OH, April, 1985.

May, M. & Rastatter, M. P. The effects of time compression on auditory-language processing. Presented at the Ohio Speech and Hearing Convention, Akron, OH, April, 1985.

Dell, C. W. & Rastatter, M. P. Reaction times of stutterers to monaural verbal stimuli. Presented at the National Convention of the American Speech-Language-Hearing Association, November, 1984.

Jacques, R. D. & Rastatter, M. P. Speaker-age recognition from selected acoustic information. Presented at the National Convention of the American Speech-Language-Hearing Association, November, 1984.

Rastatter, M. P., Jacques, R. & Sullivan, J. The effects of congenital spasticity on Fo variability. Presented at the National Convention of American Academy of Cerebral Palsy and Developmental Medicine, Chicago, IL, October, 1983.

Rastatter, M. P. & Jacques, R. Upper motor neuron damage and emphatic stressing. Presented at the Ohio Speech and Hearing Convention, Dayton, OH, May, 1984.

Rastatter, M. P. & Jacques, R. Speaker age recognition of the elderly. Presented at the Ohio Speech and Hearing Convention, Dayton, OH, May, 1984.

Rastatter, M. P. & Dell, C. Hemispheric organization in stuttering. Presented at the Ohio Speech and Hearing Convention, Dayton, OH, May, 1984.

Rastatter, M. P. & Blair, B. Motor equivalence in children who misarticulate /r/. Presented at the Ohio Speech and Hearing Convention, Dayton, OH, May, 1984.

Weber, C., Hyman, M. & Rastatter, M. P. Fo variability in males and females. Presented at the Ohio Speech and Hearing Convention, Dayton, OH, May, 1984.

Rastatter, M. P. & DeJarnette, G. Lip and jaw dynamics in free and bite block speech for normal and articulatory disordered children. Presented at the Ohio Speech and Hearing Convention, 1983.

Rastatter, M. P. & Blair, B. EMG lip and jaw activity in 4-, 5-, 9- and 12-year-old children. A study of neuro-ontogenetic articulatory motor development. Presented at the Ohio Speech and Hearing Convention, 1983.

Rastatter, M. P. & Jacques, R. Effects of upper motor neuron damage on laryngeal dynamics. Presented at the Ohio Speech and Hearing Convention, 1983.

Rastatter, M. P. & Rivers, C. The influence of the Lombard effect on fundamental frequency variability. Presented at the Ohio Speech and Hearing Convention, 1983.

Jacques, R. & Rastatter, M. P. Intersubject variability in voice fundamental frequency for adult, spastic males. Presented at the Ohio State Speech and Hearing Convention, 1983.

Shulman, B. & Rastatter, M. P. Towards a theory of speech motor control: Some evidence from labial-laryngeal relationships. Presented at the Ohio State Speech and Hearing Convention, 1982.

Rastatter, M. P., Gallaher, A. & Hyman, M. The role of the right cerebral hemisphere in language recovery from severe aphasia. Presented at the Ohio State Speech and Hearing Convention, 1981.

Rastatter, M. P., Bottari, E. & Hyman, M. Sex recognition of esophageal versus normal speaking adults. Presented at the Ohio State Speech and Hearing Convention, April, 1981.

Rastatter, M. P. & Hyman, M. The effects of vocal nodules on maximum phonation of /s/ and /z/. Presented at the Ohio State Speech and Hearing Convention, April, 1981.

Rastatter, M. P., Gallaher, A. & Hyman, M. Reaction times of aphasic subjects to monaurally presented verbal and musical stimuli. Presented at the National Convention of the American Speech-Language-Hearing Association, Technical Session, November, 1980.

Rastatter, M. & Hyman, M. Perceptual ratings of hyponasality resulting from different sites of nasal occlusion - another look at the Wilson Scale. Presented at the Ohio State Speech and Hearing Convention, Session: Papers in Voice, 1979.

Rastatter, M. & Danhauer, J. Distinctive feature for short-term memory of consonants in noise. Presented at the Ohio State Speech and Hearing Convention. Session: Papers in Audiology, 1978.

Rastatter, M., Danhauer, J. & Herman, G. The effects of noise on short-term memory of consonants. Presented at the 93rd meeting of the Acoustical Society of America, June, 1977.

XI. Book Reviews

The Emergence of Language: Development and Evaluation. Wilborn S-Y Yang. W. H. Freeman and Company, New York, NY, 1990.

Communication Disorders: Remedial principles and practices (2nd Edition). Stanley Dickson, Gen. E., Scott Foresman and Company, Dallas, 1983.

XII. Service

ECU

Faculty Senate – Senator, School of Allied Health Sciences
Graduate Studies and Curriculum Committee, Chair, School of Allied Health Sciences (1996)
Administrative Council, School of Allied Health Sciences (1994-present)

BGSU

A. University

Summer Program Committee (1992-1993)
Intercollegiate Athletic Committee (1982-83; 1983-84)
Statistical Consulting Center Advising Committee (1983-1994)
Faculty Advisor for Youth for Easter Seal Group, Bowling Green State University (1980-84)
Research Services Advisory Group (1984-1986)
Research Advisory Group (1988-1994)
Summer School Strategic Planning Committee
Graduate Dean Search Committee (1987-88)
Review Panel for Distinguished Master's Thesis Nominations (1987-1989).

B. College

College Representative - The United Way Campaign (1985-1994)
Chair, Undergraduate Curriculum Committee
Chair, Graduate Curriculum Committee
Member, Advisory Council
Program Chair for the Tenth Annual Interdisciplinary Health Care Team Conference, September 15-17, 1988. Sponsored by the College of Health and Human Services, Bowling Green State University

C. Department

BGSU

Acting Chair, Department of Communication Disorders (1987-88)
Curriculum Committee (1981-86)
Graduate Admissions Committee (1981-86)
Graduate Committee (1988-1990)
Personnel Committee (1990-1994)

ECU

Graduate Studies Committee
Undergraduate Studies Committee
Chair, Graduate Affairs and Curriculum Committee, School of Allied Health Sciences

D. Community

BGSU

Member: Board of Trustees - Toledo Hearing and Speech Center (1985 -1990)
United Way Organization (1984-86)

E. Professional

Convention Committee, American-Speech-Language-Hearing Association, (2001)
Site Visitor, Educational Standards Board, American Speech-Language and Hearing Association, (1988-1997)
Program Committee, The Ohio Society of Allied Health Professions, (1986- 1994)
Member: University Committee, Ohio Speech and Hearing Association, (1984-1994))
Associate Editor, Research Forum, Hearsay - The Ohio State Speech and Hearing Journal (1986)

Reviewer:

: The Journal of the Acoustical Society of America
: Journal of Speech Language and Hearing Research
: Perceptual and Motor Skills
: American Journal of Speech-Language Pathology

XIII. Certificates

Certificate of Clinical Competence in Speech Pathology, awarded by the American Speech-Language-Hearing Association (ID # 00897173-02)

State of North Carolina License - Speech-Language Pathology (License # 3314)

XIV. Honors and Awards

ECU

Recipient, 2004 Lifetime Achievement Award for Research or Creative Activity, East Carolina University.

Recipient, 2005 *President's Award*, For Innovative Work in Speech and Learning North Carolina Association of Educators.

BGSU

Faculty Excellence Award - (USC) 1991-92 Academic Year

Promotion Full Professor, 1989

Gold Key National Honor Society, Inducted, November, 1988.

Who's Who Among Human Service Professionals, 1988 Edition. The National Reference Institute.

Nominated, Master Teacher Award, 1984, 1985, 1991, 1992 - Finalist.

Promotion Associate Professor, 1985.

Granted Tenure, 1985.

Named to the Alpha Eta Society - National Scholarship Society in Allied Health

Nominated, Olscamp Award for Research Excellence (1985; 1986; 1987)

Nominated: Lift Time Research Award (2004)

East Carolina university

XIV. Memberships

American Speech-Language and Hearing Association, 1976-present

Acoustical Society of America, 1976-1994

North Carolina Speech and Hearing Association. 1994-Present