

Curriculum Vitae

Andrew Stuart

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Citizenship: Canadian

Employment History:

Professor, Department of Communication Sciences and Disorders, College of Allied Health Sciences, East Carolina University, Greenville, NC (since July 1, 2005)
Associate Professor, Department of Communication Sciences and Disorders, School of Allied Health Sciences, East Carolina University, Greenville, NC (July 1, 2000 - June 30, 2005)
Visiting Audiology Professor, The Audiology Graduate Training Program, West China University of Medical Sciences, Chengdu, Sichuan Province, People's Republic of China (October 2002; October 2001 February 2001; October 2000)
Assistant Professor, Department of Communication Sciences and Disorders, School of Allied Health Sciences, East Carolina University, Greenville, NC (October 1, 1996 - June 30, 2000)
Postdoctoral Fellow, Department of Psychology, Dalhousie University, Halifax, NS (June 1996 - September 1996)
Audiology Consultant, Society for the Care of the Handicapped in the Gaza Strip, Gaza, Gaza Strip (May - July 1994; December 1995 - January 1996)
Clinical Audiologist (part time locum), Chaleur Regional Hospital, Bathurst, NB (December 1992 - June 1993)
Research Assistant, School of Human Communication Disorders, Dalhousie University, Halifax, NS [Project Title: "Air and bone conduction auditory brainstem response in hearing screening for at-risk infants in neonatal intensive care unit. "National Health Research and Development Program, Health and Welfare Canada, Project No. 6603-1292-42] (February 1989 - April 1992)
Clinical Audiologist, Children's Hospital of Eastern Ontario, Ottawa, ON (July 1986 - February 1989)
Educational Audiologist (Seconded Service), Carleton Board of Education, Nepean, ON (July 1988 - January 1989)

Education:

Ph.D. - Psychology (Experimental), Dalhousie University (1996)
M.Sc. - Human Communication Disorders (Audiology), Dalhousie University (1986)
B.Ed. - Sequential (Secondary Science), Dalhousie University (1982)
B.Sc. - Psychology, Dalhousie University (1978)

Certification/ Licensure:

Aud(C), Certified Audiologist (No. 1957), The Canadian Association of Speech-Language Pathologists and Audiologists (1987)
CCC-A, Certificate of Clinical Competence - Audiology (No. 1063150), The American Speech-Language-Hearing Association (1987)
Audiology, State of North Carolina Board of Examiners for Speech and Language Pathologists

and Audiologists (License No. 4040)
Fitting and Selling, Hearing Aids, North Carolina State Hearing Aid Dealers and Fitters Board
(License No. 875)

Memberships:

American Auditory Society (1997 – present)
American Speech-Language-Hearing Association (1987 – present)
Canadian Association of Speech-Language Pathologists and Audiologists (1986 – present)

Professional Activities:

Editorship:

American Journal of Audiology, Associate Editor (2006-2009)
Journal of Speech-Language-Pathology and Audiology, Associate Editor (1996-2001)
Journal of Speech-Language-Pathology and Audiology, Guest Editor, Special Issues One and
Two on Newborn Hearing Screening (2000)

Grant Review:

American Institute of Biological Sciences, Grant Reviewer (2000, 2004, 2007)
National Programme of Cooperative Research, Spanish Ministry of Health and Consumer's
Affairs, Grant Reviewer (2006-08)
The Parkinson's Disease Society of the United Kingdom, London, England, Grant Reviewer
(2002)
The Patrick and Catherine Donaghue Medical Research Foundation, Grant Reviewer (2000,
2004)
Thrasher Research Fund, Grant Reviewer (2005)
The Wellcome Trust, London, England (1997, 1998)

Editorial Consultant/Reviewer:

American Journal of Audiology (2004-06, 2008-11)
American Speech-Language Hearing Association, *Continuing Education Auditory Evoked
Potentials Tutorial* (2003)
Audiology and Neuro-Otology (2004)
Ear and Hearing (1995-96, 2006-11)
International Journal of Audiology (2002, 2011)
International Journal of Language & Communication Disorders (2004)
In Vitro Cellular & Developmental Biology – Animal (2011)
Journal of Communication Disorders (2005)
Journal of Fluency Disorders (2007-10)
Journal of Postgraduate Medicine (2010)
Journal of Speech, Language and Hearing Research (1995, 1997, 2004-05, 2007-08, 2010)
Journal of Speech-Language-Pathology and Audiology (1989-1994, 1996-97, 2001-02)
Language, Speech, and Hearing Services in Schools (2003, 2009)
Perceptual and Motor Skills (2003-04, 2007-11)
Neuroscience Letters (2010)

Professional Conference Activity:

American Speech-Language-Hearing Association, Convention Program Committee Member:
Research Issues Across the Discipline (2009, 2011)

- American Speech-Language Hearing Association, Convention Program Committee Topic Coordinator: Diagnostic Audiology (2010)
- American Speech-Language Hearing Association, Convention Program Committee Topic Coordinator: Education and Training (2007)
- American Speech-Language Hearing Association, Convention Program Committee Member: Discipline-Wide Research and Clinical Issues (2005)
- American Speech-Language-Hearing Association, Convention Program Committee Member: Audiologic Assessment - Physiological Measures (1996)
- Canadian Association of Speech-Language Pathologists and Audiologist: Session Chair, 20th Annual Conference (1995)
- Canadian Association of Speech-Language Pathologists and Audiologist: Session Chair, 14th Annual Conference (1989)

Published Refereed Journal Articles:

- Stuart, A., & Butler, A.K. (in press). Contralateral suppression of transient otoacoustic emissions and sentence recognition in noise in young adults. *Journal of the American Academy of Audiology*.
- Stuart, A., & Preast, J.L. (in press). Contralateral suppression of transient evoked otoacoustic emissions in children with sickle cell disease. *Ear and Hearing*.
- Butler, S.G., Maslan, J., Stuart, A., Leng, X., Wilhelm, E., Rees, C., Williamson, J., & Kritchevsky, S.B. (in press). Factors influencing bolus dwell times in healthy older adults assessed endoscopically. *The Laryngoscope*.
- Swink, S., & Stuart, A. (in press). Auditory long latency responses to tonal and speech stimuli. *Journal Speech, Language, and Hearing Research*.
- Zhang, J., Stuart, A., & Swink, S. (2011). Word recognition in continuous and interrupted noise by monolingual and bilingual speakers. *Canadian Journal of Speech-Language Pathology and Audiology*, 35, 322-331.
- Dayalu, V.N., Guntupalli, V.K., Kalinowski, J., Stuart, A., Saltuklaroglu, T., & Rastatter, M.P. (2011). Effect of continuous speech and non-speech signals on stuttering frequency reduction in adults who stutter. *Logopedics Phoniatrics Vocology*, 36, 121-127. DOI: 10.3109/14015439.2011.562535
- White, L., & Stuart, A. (2011). Mismatch negativity and P300 to behaviorally perceptible and imperceptible frequency and intensity contrasts. *Perceptual and Motor Skills*, 113, 425-430. DOI: 10.2466/22.24.27.PMS.113.5.425-430
- Butler, S.G., Stuart, A., Case, L.D., Rees, C., Vitolins, M., & Kritchevsky, S.B. (2011). Effects of liquid type, delivery method, and bolus volume on penetration aspiration scores in healthy older adults during flexible endoscopic evaluation of swallowing. *Annals of Otolaryngology, Rhinology and Laryngology*, 120, 288-295.
- Carter, M.D., Hough, M.S., Stuart, A., & Rastatter, M.P. (2011). The effects of inter-stimulus interval and prime modality in a semantic priming task. *Aphasiology*, 25, 761-773. DOI: 10.1080/02687038.2010.539697
- Butler, S.G., Stuart, A., Wilhelm, E., Rees, C., Williamson, J., & Kritchevsky, S. (2011). The effects of aspiration status, liquid type, and bolus volume on pharyngeal peak pressure in healthy older adults. *Dysphagia*. DOI: 10.1007/s00455-010-9290-4
- Butler, S.G., Stuart, A., Leng, X., Wilhelm, E., Rees, C., Williamson, J., & Kritchevsky, S.B., (2011). The relationship of aspiration status with tongue and handgrip strength in healthy older adults. *Journals of Gerontology Series A-Biological Sciences and Medical Sciences*, 66, 452-458. DOI: 10.1093/gerona/glq234

- Hudock, D., Dayalu, V.N.; Saltuklaroglu, T., Stuart, A., Zhang, J., & Kalinowski, J. (2011). Stuttering inhibition via visual feedback at normal and fast speech rates. *International Journal of Language & Communication Disorders*, 46, 169-178. DOI: 10.3109/13682822.2010.490574
- Elangovan, S., & Stuart, A. (2011). A cross-linguistic examination of auditory electrophysiological correlates of categorical perception of voicing cues. *Neuroscience Letters*, 490, 140-144. DOI: 10.1016/j.neulet.2010.12.044
- Butler, S.G., Stuart, A., Leng, X., Ress, C., Williamson, J., & Kritchevsky, S.B. (2010). Factors influencing aspiration during swallowing in healthy older adults. *The Laryngoscope*, 120, 2147-2152. DOI: 10.1002/lary.21116
- Saltuklaroglu, T., Kalinowski, J., & Stuart, A. (2010). Refutation of a therapeutic alternative? A reply to Pollard, Ellis, Finan, and Ramig (2009). *Journal of Speech, Language, and Hearing Research*, 53, 908-911. DOI: 10.1044/1092-4388(2009/09-0128)
- White, L., Stuart, A., & Najem, F. (2010). Mismatch negativity and P300 to behaviorally perceptible and imperceptible temporal contrasts. *Perceptual and Motor Skills*, 110, 1105-1118. DOI 10.2466/22.24.27.PMS.110.C.1105-1118
- Stuart, A., Zhang, J., & Swink, S. (2010). Reception thresholds for sentences in quiet and noise for monolingual English and bilingual Mandarin-English listeners. *Journal of the American Academy of Audiology*, 21, 239-248. DOI: 10.3766/jaaa.21.4.3
- Stuart, A., Passmore, A.L., Culbertson, D.S., & Jones, S.M. (2009). Test-retest reliability of low-level evoked distortion product otoacoustic emissions. *Journal Speech, Language, and Hearing Research*, 52, 671-681. DOI: 10.1044/1092-4388(2008/08-0118)
- Stuart, A., & Mills, K.N. (2009). Late onset unilateral auditory dys-synchrony/neuropathy: A case study. *Journal of the American Academy of Audiology*, 20, 172-179. DOI: 10.3766/jaaa.20.3.3
- Butler, S.G., Stuart, A., Markley, L., & Rees, C. (2009). Penetration and aspiration in healthy older adults as assessed during endoscopic evaluation of swallowing. *Annals of Otolaryngology, Rhinology, and Laryngology*, 118, 190-198.
- Butler, S.G., Stuart, A., & Kemp, S. (2009). Flexible endoscopic evaluation of swallowing in healthy young and older adults. *Annals of Otolaryngology, Rhinology, and Laryngology*, 118, 99-106.
- Butler, S.G., Stuart, A., Castell, D., Russell, G.B., Koch, K., & Kemp, S. (2009). Effects of age, gender, bolus condition, viscosity, and volume on pharyngeal and upper esophageal sphincter pressure and temporal measurements during swallowing. *Journal Speech, Language, and Hearing Research*, 52, 240-253. DOI: 10.1044/1092-4388(2008/07-0092)
- Walker-Black, L.W., & Stuart, A. (2008). Effect of inverting electrode on mismatch negativity presence for perceptible/imperceptible tonal frequency contrasts. *International Journal of Audiology*, 47, 708-714. DOI: 10.1080/14992020802283241
- Elangovan, S., & Stuart, A. (2008). Natural boundaries in gap detection are related to categorical perception of stop consonants. *Ear and Hearing*, 29, 761-774. DOI: 10.1097/AUD.0b013e318185ddd2
- Stuart, A., Frazier, C.L., Kalinowski, J., & Vos, P.W. (2008). The effect of frequency altered feedback on stuttering duration and type. *Journal Speech, Language, and Hearing Research*, 51, 889-897. DOI: 10.1044/1092-4388(2008/065)
- Stuart, A. (2008). Reception thresholds for sentences in quiet, continuous noise, and interrupted noise in school-age children. *Journal of the American Academy of Audiology*, 19, 135-146. DOI: 10.3766/jaaa.19.2.4
- Butler, S.G., Stuart, A., Pressma, H., Poage, G., & Roche, W.J. (2007). Preliminary investigation

- of swallowing apnea duration and swallow/respiratory phase relationships in individuals with cerebral vascular accident. *Dysphagia*, 22, 215-224. DOI: 10.1007/s00455-007-9077-4
- Rastatter, M.P., Barrow, I.M., & Stuart, A. (2007). The effects of frequency altered feedback on reading comprehension abilities of normal and reading disordered children. *Neuroscience Letters*, 416, 266-271. DOI:10.1016/j.neulet.2007.02.012
- Kalinowski, J., Saltuklaroglu, Stuart, A., & Guntupalli, V.K. (2007). On the importance of scientific rhetoric in stuttering: A reply to Finn, Bothe and Bramlett (2005). *American Journal of Speech-Language Pathology*, 16, 69-76. DOI: 10.1044/1058-0360(2007/009)
- Stuart, A., Kalinowski, J., Saltuklaroglu, T., & Guntupalli, V.K. (2006). Investigations of the impact of altered auditory feedback in-the-ear devices on the speech of people who stutter: one-year follow-up. *Disability and Rehabilitation*, 28, 757-765. DOI: 10.1080/09638280500386635
- Stuart, A., Givens, G.D., Walker, L.J., & Elangovan, S. (2006). Auditory temporal resolution in normal hearing preschool children revealed by word recognition in continuous and interrupted noise. *The Journal of the Acoustical Society of America*, 119, 1946-1949. DOI: 10.1121/1.2178700
- Stuart, A., Jones, S.M., & Walker, L.J. (2006). Insights into elevated distortion product otoacoustic emissions in sickle cell disease: Comparisons of hydroxyurea-treated and non-treated young children. *Hearing Research*, 212, 83-89. DOI: 10.1016/j.heares.2005.10.014
- Elangovan, S., Cranford, J.L., Walker, L., & Stuart, A. (2005). A comparison of the mismatch negativity and a differential waveform response. *International Journal of Audiology*, 44, 637-646. DOI: 10.1080/00222930500271564
- Elangovan, S., & Stuart, A. (2005). Interactive effects of low-pass filtering and masking noise on word recognition. *Annals of Otolaryngology, Rhinology, and Laryngology*, 114, 867-878.
- Dayalu, V. N., Kalinowski, J., & Stuart, A. (2005). Stuttering frequency on meaningful and non-meaningful words in adults who stutter. *Folia Phoniatica et Logopaedica*, 57, 193-201. DOI: 10.1159/000085187
- Barrow, I.M., Givens, G., Stuart, A., Kalinowski, J., & Rastatter, M.P. (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. (2005). Development of auditory temporal resolution in school-age children revealed by word recognition in continuous and interrupted noise. *Ear and Hearing*, 26, 78-88.
- Cray, J.W., Allen, R.L., Stuart, A., Hudson, S., Layman, E., & Givens, G.D. (2004). An investigation of telephone usage among cochlear implant recipients. *American Journal of Audiology*, 13, 200-212. DOI: 10.1044/1059-0889(2004/025)
- Walker, L.J., Stuart, A., & Green, W.B. (2004). Outer and middle ear status and distortion product otoacoustic emissions in children with sickle cell disease. *American Journal of Audiology*, 13, 164-172. DOI: 10.1044/1059-0889(2004/021)
- Stuart, A., & Kalinowski, J. (2004). The perception of speech naturalness of post-therapeutic and altered auditory feedback speech of adults with mild and severe stuttering. *Folia Phoniatica et Logopaedica*, 56, 347-357. DOI: 10.1159/000081082
- Kalinowski, J., Guntupalli, V., Stuart, A., & Saltuklaroglu, T. (2004). Self-reported efficacy of an ear-level prosthetic device that delivers altered auditory feedback for the management of stuttering. *International Journal of Rehabilitation Research*, 27, 167-170. DOI: 10.1097/01.mrr.0000128063.76934.df

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- Saltuklaroglu, T., Dayalu, V. N., Kalinowski, J., Stuart, A., & Rastatter, M. P. (2004). Say it with me: Stuttering inhibited. *Journal of Clinical and Experimental Neuropsychology*, *26*, 161-168
- Saltuklaroglu, T., Kalinowski, J., Dayalu, V. N., Stuart, A., and Rastatter, M. P. (2004). Voluntary stuttering suppresses true stuttering: a window on the speech perception-production link. *Perception and Psychophysics*, 249-254.
- Stuart, A. (2004). An investigation of list equivalency of the Northwestern University Auditory Test No. 6 in interrupted broadband noise. *American Journal of Audiology*, *13*, 23-28. DOI: 10.1044/1059-0889(2004/005)
- Allen, R., Stuart, A., Everett, D., & Elangovan, S. (2004). Preschool hearing screening: pass/refer rates for children enrolled in a head start program in Eastern North Carolina. *American Journal of Audiology*, *13*, 29-38. DOI: 10.1044/1059-0889(2004/006)
- Hiss, S.G., Hough, M., Treole, K., Stuart, A., & Boutilier, S. (2004). Effects of age, gender, bolus volume, bolus viscosity, and gustation on swallowing apnea onset relative to lingual bolus propulsion onset in normal adults. *Journal of Speech, Language, and Hearing Research*, *47*, 572-583. DOI: 10.1044/1092-4388(2004/044)
- Cranford, J.L., Rothermel, A.K., Walker, L., Stuart, A., & Elangovan, S. (2004). Effects of discrimination task difficulty on N1 and P2 components of late auditory evoked potential. *Journal of the American Academy of Audiology*, *15*, 456-461.
- 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. DOI: 10.1080/13682820310001616976
- Dayalu, V. N., Kalinowski, J., & Stuart, A. (2003). Interpreting differences in stuttering frequency on content and function words: A reply to Wingate. *Journal of Speech, Language, and Hearing Research*, *46*, 1471-1472. DOI: 10.1044/1092-4388(2003/115)
- Hiss, S.G., Hough, M., Treole, K., Stuart, A., and Boutilier, S. (2003). Swallowing apnea as a function of airway closure. *Dysphagia*, *18*, 293-300. DOI: 10.1007/s00455-003-0021-y
- Saltuklaroglu, T., Kalinowski, J., Dayalu, V.N., Guntupalli, V.K., Stuart, A., & Rastatter, M.P. (2003). A temporal window for the central inhibition of stuttering via exogenous speech signals in adults. *Neuroscience Letters*, *349*, 120-124. DOI:10.1016/S0304-3940(03)00796-1
- Cranford, J.L., Walker, L.J., Stuart, A., Elangovan, S., & Pravica, D. (2003). Possible contamination effects of neuronal refractoriness on the speech-evoked mismatch negativity response. *Journal of the American Academy of Audiology*, *14*, 251-259.
- Rami, M.K., Kalinowski, J., Stuart, A. & Rastatter, M.P. (2003). Self-perceptions of speech language pathologists-in-training before and after pseudostuttering experiences on the telephone. *Disability and Rehabilitation*, *25*, 491-496. DOI: 10.1080/0963828031000090425
- Stuart, A., Xia, S., Jiang, Y., Jiang, T., Kalinowski, J., & Rastatter, M.P. (2003). Self-contained in-the-ear device to deliver altered auditory feedback: Applications for stuttering. *Annals of Biomedical Engineering*, *31*, 233-237.
- Dayalu, V.N., Kalinowski, J., Stuart, A., Holbert, D., & Rastatter, M. (2002). Stuttering frequency on content and function words in adults who stutter: A concept revisited.

- Journal of Speech, Language, and Hearing Research*, 45, 871-878. DOI: 10.1044/1092-4388(2002/070)
- Stuart, A., Kalinowski, J., Rastatter, M.P., & Lynch, K. (2002). Effect of delayed auditory feedback on normal speakers at two speech rates. *The Journal of the Acoustical Society of America*, 111, 2237-2241. DOI: 10.1121/1.1466868
- Phillips, D.P., Stuart, A., & Carpenter, M. (2002). Re-examination of the role of the stapedius muscle in man. *The Journal of the Acoustical Society of America*, 111, 2200-2207. DOI: 10.1121/1.1467670
- Robertson, A., Stuart, A., & Walker, L. (2001). Transmission loss into incubators: Implications for voice perception by infants. *Journal of Perinatology*, 21, 236-241.
- Scott, T., Green, W.B., & Stuart, A. (2001). Interactive effects of low-pass filtering and masking noise on word recognition. *Journal of the American Academy of Audiology*, 12, 437-444.
- Walker, L.J., Carpenter, M., Downs, C.R., Cranford, J.L., Stuart, A., & Pravica, D. (2001). Possible neuronal refractory or recovery artifacts associated with recording the mismatch negativity response. *Journal of the American Academy of Audiology*, 12, 348-356.
- O'Brien, P.J., & Stuart, A. (2001). The effect of auditory stimulus duration on the P300 response. *Journal of Speech-Language Pathology and Audiology*, 25, 19-23.
- Stuart, A., & Yang, E.Y. (2001). Effect of gender on auditory brainstem response latencies and thresholds to air-and bone-conducted clicks in newborn infants. *Journal of Communication Disorders*, 34, 229-239.
- Dayalu, V. N., Saltuklaroglu, T., Kalinowski, J., Stuart, A., & Rastatter, M., (2001). Producing the vowel /a/ prior to speaking inhibits stuttering in adults speaking the English language. *Neuroscience Letters*, 306, 111-115.
- Hiss, S.G., Treole, K., & Stuart, A. (2001). Effects of age, gender, bolus volume, and repeated measures on swallowing apnea duration and swallow/respiratory phase relationships of normal adults. *Dysphagia*, 16, 128-135.
- Hiss, S.G., Treole, K., & Stuart, A. (2001). Effect of age, gender and repeated measures on intraoral air pressure in normal adults. *Journal of Voice*, 15, 159-164.
- Hooks-Horton, S., Geer, S., & Stuart, A. (2001). Effects of exercise and noise on auditory thresholds and distortion product otoacoustic emissions. *Journal of the American Academy of Audiology*, 12, 52-58.
- Yang, E.Y., & Stuart, A. (2000). The contribution of the auditory brainstem responses to bone-conducted stimuli in newborn hearing screening. *Journal of Speech-Language Pathology and Audiology*, 24, 84-91.
- Durieux-Smith, A., & Stuart, A. (2000). Newborn hearing screening: A Canadian historical perspective. *Journal of Speech-Language Pathology and Audiology*, 24, 44-47.
- Stuart, A, Moretz, M., & Yang, E.Y. (2000). An investigation of maternal stress following neonatal hearing screening. *American Journal of Audiology*, 9, 135-141.
- Kalinowski, J., Dayalu, V. N., Stuart, A., Rastatter, M., & Rami, M. K. (2000). Stutter-free and stutter-filled speech signals and their role in stuttering amelioration for English speaking adults. *Neuroscience Letters*, 293, 115-118.
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- Shaw-Stuart, N. J., & Stuart, A. (2000). The effect of an educational patient compliance program on serum phosphorus levels in patients receiving hemodialysis. *Journal of Renal Nutrition*, 10, 80-84.

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- 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, 1347-1354.
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- Vandenhoff, S.E., & Stuart, A. (1999). Preferred listening levels among personal FM system users with severe-to-profound hearing impairment. *Journal of Speech-Language Pathology and Audiology*, 23, 134-141.
- Stuart, A., & Carpenter, M. (1999). Unilateral auditory temporal resolution deficit: A case study. *Journal of Communication Disorders*, 32, 317-325.
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- Stuart, A. (1999). The distraction hypothesis and the practice of pseudoscience: A reply to Bloodstein (1998). *Journal of Speech, Language, and Hearing Research*, 42, 913-914.
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- Guntupalli, V.K., Nanjundeswaran, C., Kalinowski, J., Stuart, A., & Dayalu, V.N. The effects of delayed auditory feedback and frequency altered feedback on stuttering frequency, type and duration in children who stutter. (*In preparation*).
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Naylor, J., Ramsdell, H., & Stuart, A. (November 18, 2011). *Utterance length and communicative variables during the first year*. Poster presented at the 2010 American Speech-Language-Hearing Association Annual Convention, San Diego, CA.

Butler, A., & Stuart, A. (November 17, 2011). *Contralateral suppression of TEOAEs and speech recognition in noise*. Poster presented at the 2010 American Speech-Language-Hearing Association Annual Convention, San Diego, CA.

Perry, L., & Stuart, A. (November 1, 2011). *The effect of race, gender, and ear on transient otoacoustic emissions*. 13th Annual Neuroscience Symposium, Eastern Carolina Chapter of the Society for Neuroscience, East Carolina University.

Jones, G., Stuart, A., & Watts, K. (October 27, 2011). *The road to a teleaudiology program - bumpy, but worth the journey*. Paper presented at the Fourth Southeastern Regional EHDI Conference, Raleigh, NC.

Mills, K.N. Cole, S., Stuart, A., Jones, T.A., & Jones, S.M. (February 20, 2011). *Vestibular and ocular motor function following blast injury*. Poster presented at the Association for Research in Otolaryngology 34th Mid Winter Meeting, Baltimore, MD.

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- Carter, M., Hough, M., Stuart, A., & Rastatter, M.P. (May 24, 2010). *The effects of ISI and prime modality in a semantic priming task*. Paper presented at the 40th Annual Clinical Aphasiology Conference, Isle of Palms, SC.
- Stuart, A. (April 22, 2010). *Release from masking reveals differing processes in maturation and aging*. Paper presented at the 56th Annual Convention of the North Carolina Speech, Hearing And Language Association, Raleigh, NC.
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- Guntupalli, V.K., Kalinowski, J., Dayalu, V., & Stuart, A. (November 20, 2009). *Stuttering duration and type under altered auditory feedback in children*. Poster presented at the

- 2009 American Speech-Language-Hearing Association Annual Convention, New Orleans, LA.
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- Stuart, A. (May 27, 2008). *Paradoxical inner ear function in children with sickle cell disease*. Paper presented at Science at Starlight Series sponsored by Eastern Office of the North Carolina Biotechnology Center, East Carolina University Division of Research and Graduate Studies, and East Carolina University Sigma Xi, Greenville, NC.
- Stuart, A., & Mills, K.N. (April 4, 2008). *Late onset unilateral auditory dys-synchrony/neuropathy*. Poster presented at the American Academy of Audiology Eighteenth Annual Convention, Charlotte, NC.
- Elangovan, S., & Stuart, A. (April 4, 2008). *Speech perception and temporal processing in bilinguals*. Poster presented at the American Academy of Audiology Eighteenth Annual Convention, Charlotte, NC.
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- Stuart, A., Passmore, A.L., Culbertson, D.S., & Jones, S.M. (November 29, 2007). *Test-retest differences of low-level evoked DPOAEs*. Poster presented at the 9th Annual Neuroscience Symposium, East Carolina University, Greenville, NC.
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- Zhang, J., Saltuklaroglu, T., Stuart, A., & Kalinowski, J. (November 15, 2007). *Examining temporal relationships between stuttering events and witnesses' eye behaviors*. Poster presented at the 2006 American Speech-Language-Hearing Association Annual Convention, Boston, MA.
- Stuart, A., & Kalinowski, J. (May 9, 2007). *Implementation of an in-the-ear device to alleviate stuttering: research evidence*. Paper presented at the 8th World Congress for People Who Stutter, Dubrovnik, Croatia.
- Stuart, A., Passmore, A.L., Culbertson, D.S., & Jones, S.M. (April 20, 2007). *Test-retest reliability of low-level evoked DPOAEs*. Poster presented at the American Academy of Audiology Seventeenth Annual Convention, Denver, CO.

- Butler, S. G., Stuart, A., & Kemp, S. (March 8, 2007). *Flexible endoscopic evaluation of swallowing in healthy young and older adults*. Paper presented at the Dysphagia Research Society 15th Annual Meeting, Vancouver, Canada.
- Butler, S. G., Stuart, A., Castell, D., Russell, G.B., Koch, K., & Kemp, S. (March 8, 2007). *Effects of age, gender, bolus condition, viscosity, and volume on pharyngeal and upper esophageal sphincter pressure and temporal manometric measurements during swallowing*. Paper presented at the Dysphagia Research Society 15th Annual Meeting, Vancouver, Canada.
- Nanjundeswaran, C., Guntupalli, V. K., Kalinowski, J., Saltuklaroglu, T., Stuart, A. & Zhang, J. (November 18, 2006). *Emotional and physiological responses of graduate clinicians to stuttering*. Poster presented at the 2006 American Speech-Language-Hearing Association Annual Convention, Miami, FL.
- Elangovan, S., & Stuart, A. (November 18, 2006). *Electrophysiological correlates of the categorical perception of voicing*. Poster presented at the 2006 American Speech-Language-Hearing Association Annual Convention, Miami, FL.
- Stuart, A. (June 1, 2006). *Speech recognition in noise reveals poorer processing efficiency in young children*. Poster presented at the NHS 2006 Beyond Newborn Hearing Screening: Infant and Childhood Hearing in Science and Clinical Practice, Villa Erba, Como Lake, Italy.
- Stuart, A., Swink, S.D., & Payne, L.F. (April 7, 2006). *Temporal resolution intact in low-frequency hearing loss*. Poster presented at the American Academy of Audiology Sixteenth Annual Convention, Minneapolis, MN.
- Elangovan, S., & Stuart, A. (April 7, 2006). *Auditory temporal processing in the perception of voicing*. Poster presented at the American Academy of Audiology Sixteenth Annual Convention, Minneapolis, MN.
- Walker, L.J., Stuart, A., & Elangovan, S. (April 7, 2006). *Inverting electrode: Does location affect MMN presence?* Poster presented at the American Academy of Audiology Sixteenth Annual Convention, Minneapolis, MN.
- Guntupalli, V. K., Nanjundeswaran, C., Kalinowski, J., Saltuklaroglu, T., & Stuart, A. (November 20, 2005). *Stuttering inhibition from synthetic sine wave replica of natural speech*. Poster presented at the 2005 American Speech-Language-Hearing Association Annual Convention, San Diego, CA.
- Guntupalli, V. K., Nanjundeswaran, C., Sandhy, S., Kalinowski, J., & Stuart, A. (November 20, 2005). *Perceived naturalness of dysfluent speech by native and non-native speakers*. Poster presented at the 2005 American Speech-Language-Hearing Association Annual Convention, San Diego, CA.
- Walker, L.J., & Stuart, A. (November 19, 2005). *Are there electrophysiological correlates of behavioral frequency discrimination?* Poster presented at the 2005 American Speech-Language-Hearing Association Annual Convention, San Diego, CA.
- Nanjundeswaran, C., Guntupalli, V. K., Kalinowski, J., Stuart, A., Saltuklaroglu, T. (November 19, 2005). *The effect of visual gestures on stuttering inhibition in adults*. Poster presented at the 2005 American Speech-Language-Hearing Association Annual Convention, San Diego, CA.
- Nanjundeswaran, C., Guntupalli, V. K., Rastatter, M., Stuart, A., & Allen, M. (November 19, 2005). *Acoustic analysis of true stuttering & pseudostuttering*. Poster presented at the 2005 American Speech-Language-Hearing Association Annual Convention, San Diego, CA.

- Stuart, A., Frazier, C.L., & Kalinowski, J. (November 18, 2005). *Effect of frequency altered feedback on stuttering duration and type*. Poster presented at the 2005 American Speech-Language-Hearing Association Annual Convention, San Diego, CA.
- Nanjundeswaran, C., Guntupalli, V. K., Zhang, J., Kalinowski, J., Stuart, A., Saltuklaroglu, T. (November 18, 2005). *Long-term stuttering therapeutic experiences of people who stutter*. Poster presented at the 2005 American Speech-Language-Hearing Association Annual Convention, San Diego, CA.
- Guntupalli, V. K., Nanjundeswaran, C., Everhart, D. E., Kalinowski, J., Stuart, A., & Saltuklaroglu, T. (November 18, 2005). *Physiological and emotional responses to stuttering in normal adults*. Poster presented at the 2005 American Speech-Language-Hearing Association Annual Convention, San Diego, CA.
- Guntupalli, V. K., Nanjundeswaran, C., Zhang, J., Kalinowski, J., & Saltuklaroglu, T. (November 18, 2005). *Need for self-report data for assessing efficacy of stuttering therapy*. Poster presented at the 2005 American Speech-Language-Hearing Association Annual Convention, San Diego, CA.
- Stuart, A. (April 16, 2005). *Hearing aid or cochlear implant? Candidacy and expected performance*. Invited paper presented at the North Carolina Academy of Hearing Rehabilitation, Wilmington, NC.
- Stuart, A. (April 13, 2005). *Current state of the art in hearing evaluation and screening in children*. Invited paper presented at the Eastern North Carolina Cochlear Implant Symposium, Eastern Area Health Education Center, Greenville, NC.
- Stuart, A., Jones, S.M., & Walker L.J. (April 2, 2005). *Hydroxyurea affects DPOAE amplitude in sickle cell disease*. Paper presented at the American Academy of Audiology Fifteenth Annual Convention, Washington, DC.
- Stuart, A., Elangovan, S., Mock, B.E., & Brewer, A.K. (April 2, 2005). *Masking and filtering effects on word recognition performance*. Poster presented at the American Academy of Audiology Fifteenth Annual Convention, Washington, DC.
- Walker, L., Elangovan, S., Givens, G., & Stuart, A. (November 20, 2004). *Examination of auditory temporal resolution skills in normal preschool children*. Poster presented at the 2004 American Speech-Language-Hearing Association Annual Convention, Philadelphia, PA.
- Saltuklaroglu, T., Guntupalli, V.K., Kalinowski, J., Stuart, A., & Dayalu, V.N. (November 19, 2004). *Self-reported efficacy of school-based speech therapists in ameliorating stuttering*. Poster presented at the 2004 American Speech-Language-Hearing Association Annual Convention, Philadelphia, PA.
- Saltuklaroglu, T., Guntupalli, V.K., Kalinowski, J., & Stuart, A. (November 19, 2004). *A temporal window for exogenously induced stuttering inhibition*. Poster presented at the 2004 American Speech-Language-Hearing Association Annual Convention, Philadelphia, PA.
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- Guntupalli, V.K., Saltuklaroglu, T., Kalinowski, J., & Stuart, A. (November 18, 2004). *Effect of temporal modification of second speech signals on stuttering*. Poster presented at the 2004 American Speech-Language-Hearing Association Annual Convention, Philadelphia, PA.

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- Saltuklaroglu, T., Guntupalli, V.K., Kalinowski, J., & Stuart, A. (November 18, 2004). *Speaking while producing manual Amer-Ind gestures inhibits stuttering*. Poster presented at the 2004 American Speech-Language-Hearing Association Annual Convention, Philadelphia, PA.
- Walker, M., Hough, M.S., Cox, K.T., Givens, G.D., Stuart, A., & Kalinowski, J. (April 2, 2004). *Research perspectives in communication sciences and disorders*. Paper presented at the 50th Annual Convention of the North Carolina Speech, Hearing And Language Association, Asheville, NC.
- Allen, R.L., Cray, J.W., Stuart, A., & Givens, G.D. (April 2, 2004) *Telephone usage among cochlear implant recipients*. Poster presented at the American Academy of Audiology Fourteenth Annual Convention, Salt Lake City, UT.
- Elangovan, S., & Stuart, A. (March 8, 2004). *Effects of high-pass filtering and masking noise on word recognition*. Paper presented at the American Auditory Society Science & Technology Meeting, Scottsdale AZ.
- Saltuklaroglu, T., Dayalu, V.N., Guntupalli, V.K., Kalinowski, J., Stuart, A., & Rastatter, M.P. (November 15, 2003). *One year follow-up on people who stutter using the Speecheasy treatment protocol*. Poster presented at the 2003 American Speech-Language-Hearing Association Annual Convention, Chicago, IL.
- Guntupalli, V.K., Dayalu, V.N., Saltuklaroglu, T., Kalinowski, J., Stuart, A., & Rastatter, M.P. (November 15, 2003). *Stuttering amelioration from continuous speech & nonspeech second signals*. Poster presented at the 2003 American Speech-Language-Hearing Association Annual Convention, Chicago, IL.
- Elangovan, S., & Stuart, A. (November 14, 2003). *Do low frequency auditory channels contribute to temporal resolution?* Poster presented at the 2003 American Speech-Language-Hearing Association Annual Convention, Chicago, IL.
- Guntupalli, V.K., Dayalu, V.N., Saltuklaroglu, T., Kalinowski, J., Stuart, A., & Rastatter, M.P. (November 14, 2003). *In the ear auditory feedback device for people who stutter: Users' perspective*. Poster presented at the 2003 American Speech-Language-Hearing Association Annual Convention, Chicago, IL.
- Dayalu, V.N., Saltuklaroglu, T., Guntupalli, V.K., Kalinowski, J., Stuart, A., & Rastatter, M.P. (November 13, 2003). *Stuttering inhibition from forward & backward second signals*. Poster presented at the 2003 American Speech-Language-Hearing Association Annual Convention, Chicago, IL.
- Hiss, S.G., Stuart, A., Treole, K., Hough, M., & Postma, G. (September 23, 2003). *Coordination of breathing and swallowing: swallowing apnea duration*. Paper presented at the American Academy of Otolaryngology, Orlando, FL.
- Cray, J.W., Allen, R.L., Stuart, A. (April 4, 2003). *Telephone usage among cochlear implant recipients*. Paper presented at the 49th Annual Convention of the North Carolina Speech, Hearing And Language Association, Research Triangle Park, NC, NC.
- Cray, J.W., Allen, R.L., Stuart, A. (March 22, 2003). *Investigation of telephone usage among cochlear implant recipients*. Paper presented at the North Carolina Hearing Aid Dealers and Fitters Board Continuing Education Workshop, Greensboro, NC.

- Walker, L.J., & Stuart, A. (March 14, 2003). *Is there an electrophysiological correlate of behavioral processing of duration discrimination?* Paper presented at the American Auditory Society Science & Technology Meeting, Scottsdale AZ.
- 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.
- 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.
- Saltuklaroglu, T., Dayalu, V.N., Kalinowski, J., Stuart, A., & Rastatter, M.P. (November 22, 2002). *Fluency carry-over effects from shadowed pseudostuttered & fluent speech.* Poster presented at the 2002 American Speech-Language-Hearing Association Annual Convention, Atlanta, GA.
- Walker, L.J., & Stuart, A. (November 22, 2002). *Middle ear status & DPOAEs in children with sickle cell.* Poster presented at the 2002 American Speech-Language-Hearing Association Annual Convention, Atlanta, GA.
- 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.
- Hiss, S.G., Stuart, A., Strauss, M., Treole, K., Boutilier, S. (October 3-5, 2002). *Swallowing apnea as a function of airway closure.* Paper presented at the Dysphagia Research Society Eleventh Annual Dysphagia Research Society Meeting, Miami, FA.
- Walker, M.W., Owens, E., Rastatter, M.P., & Stuart, A. (July 17, 2002). *The effect of color and vocabulary age on hemispheric picture naming characteristics in children with reading disorders.* Paper presented at the 2002 Joint Meeting Of The Symposium on Research in Child Language Disorders and the International Congress for the Study of Child Language, Madison, WI.
- Elangovan, S., Walker, L.J., Carpenter, Cranford, J., & Stuart, A (April 29, 2002). *Endogenous vs. exogenous origins of the mismatch negativity ERP.* Paper presented at the American Academy of Audiology Fourteenth Annual Convention, Philadelphia, PA.
- Stuart, A. (April 18, 2002). *The effect of age and loss of high frequency hearing sensitivity on auditory temporal resolution: Implications for hearing aid fittings.* Paper presented at the 48th Annual Convention of the North Carolina Speech, Hearing And Language Association, Winston-Salem, NC.
- Elangovan, S., Walker, L.J., Carpenter, M., Downs, R., Cranford, J., Stuart, A., & Pravica, D. (November 17, 2001). *Relationship between size of MMN and neural refractory/recovery effects.* Poster presented at the 2001 American Speech-Language-Hearing Association Annual Convention, New Orleans, LA.
- Walker, L.J., Downs, R., Carpenter, M., Cranford, J., & Stuart, A. (November 16, 2001). *Recording concerns for the tonal and speech evoked mismatch negativity.* Poster presented at the 2001 American Speech-Language-Hearing Association Annual Convention, New Orleans, LA.

- Dayalu, V.N., Saltuklaroglu, T., Kalinowski, J., Stuart, A., & Rastatter, 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., & Rastatter, 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.
- Saltuklaroglu, T., Dayalu, V.N., Kalinowski, J., Stuart, A., & Rastatter, 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., & Rastatter, 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., & Rastatter, M.P. (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., Saltuklaroglu, T., Dayalu, V.N., Stuart, A., & Rastatter, 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.
- Owens, E., Walker, M., Stuart, A., & Holbert, D. (November 15, 2001). *The effects of color and vocabulary age on hemispheric picture naming characteristics of children with reading disorders*. Paper presented at the 2001 American Speech-Language-Hearing Association Annual Convention, New Orleans, LA.
- Hiss, S.G., Stuart, A., Strauss, M., Treole, K., & Boutilier, S. (October 11-13, 2001). *Effects of age, gender, bolus volume, bolus viscosity, and gustation on swallowing apnea onset relative to lingual bolus propulsion in normal adults*. Paper presented at the Tenth Annual International Dysphagia Research Society Meeting, Albuquerque, NM.
- Stuart, A., & Yang, E.Y. (August 7, 2001). *Effect of gender on neonatal ABRs to air- and bone-conducted clicks*. Poster presented at the 25th World Congress of the International Association of Logopedics and Phoniatics, Montréal, QC.
- Stuart, A., Cranford, J., Carpenter, M., Schwab, B., & Hooks, S. (August 6, 2001). *The effect of age on sentence reception thresholds in quiet and noise*. Poster presented at the 25th World Congress of the International Association of Logopedics and Phoniatics, Montréal, QC.
- Stuart, A., Cranford, J., Carpenter, M., Schwab, B., & Hooks, S. (August 6, 2001). *The development and decline of word recognition in quiet & noise*. Poster presented at the 25th World Congress of the International Association of Logopedics and Phoniatics, Montréal, QC.
- Stuart, A., Cranford, J., Carpenter, M., & Thomas, J. (August 6, 2001). *Changes in auditory resolution in aging listeners*. Poster presented at the 25th World Congress of the International Association of Logopedics and Phoniatics, Montréal, QC.

- Thorne, L.A., Rastatter, M.P., Stuart, A., Kalinowski, J., & Dayalu, V.N. (August 6, 2001). *The effect of frequency altered feedback on word type and phonetic complexity in people who stutter*. Poster presented at the 25th World Congress of the International Association of Logopedics and Phoniatics, Montréal, QC.
- Dayalu, V.N., Kalinowski, J., Stuart, A., Rastatter, M.P., & Holbert, D. (August 6, 2001). *Stuttering frequency on content and function words in adults who stutter: a concept revisited*. Poster presented at the 25th World Congress of the International Association of Logopedics and Phoniatics, Montréal, QC.
- Dayalu, V.N., Kalinowski, J., Stuart, A., Rastatter, M.P., Thorne, L.A., & Saltuklaroglu, T. (August 6, 2001). *A new theoretical perspective in understanding the fluency enhancing power of the "second speech signal" in persons who stutter*. Poster presented at the 25th World Congress of the International Association of Logopedics and Phoniatics, Montréal, QC.
- Dayalu, V.N., Kalinowski, J., Stuart, A., & Rastatter, M.P. (August 6, 2001). *Stuttering frequency on meaningful and non-meaningful words in adults who stutter*. Poster presented at the 25th World Congress of the International Association of Logopedics and Phoniatics, Montréal, QC.
- Dayalu, V.N., Kalinowski, J., Stuart, A., Rastatter, M.P., & Rami, M.K. (August 6, 2001). *Stuttering: the solution rather than the problem*. Poster presented at the 25th World Congress of the International Association of Logopedics and Phoniatics, Montréal, QC.
- Stuart, A., & Kalinowski, J. (July 24, 2001). *Who moved my cheese? Altered auditory feedback as an alternative for stuttering reduction*. Paper presented at the Sixth World Congress for People Who Stutter. Ghent, Belgium.
- Stuart, A., Cranford, J., Carpenter, M., & Thomas, J. (April 20, 2001). *Auditory temporal and spectral resolution in adult listeners*. Paper presented at the American Academy of Audiology Thirteenth Annual Convention, San Diego, CA.
- Allen, R.L., Stuart, A., Everett, D., & Nix, K. (April 20, 2001). *Preschool hearing screening: implementation and results*. Poster presented at the American Academy of Audiology Thirteenth Annual Convention, San Diego, CA.
- Downs, C. R., Carpenter, M., Walker, L.J., Cranford, J.L., Stuart, A., & Pravica, D. & Stuart, A. (March 17, 2001). *Refractory effects on the speech-evoked MMN*. Paper presented at the American Auditory Society Annual Scientific and Technology Meeting, Scottsdale, AZ.
- Allen, R.L., Stuart, A., & Everett, D. (March 29, 2001). *Preschool hearing screening program: implementation and results*. Paper presented at the North Carolina Speech, Hearing and Language Association 47th Annual Convention, Charlotte, NC.
- Stuart, A., & Schwab, B. (November 19, 2000). *School-age children's reception thresholds for sentences in quiet and noise*. Poster presented at the 2000 American Speech-Language-Hearing Association Annual Convention, Washington, DC.
- Dayalu, V.N., Kalinowski, J., Stuart, A., & Rastatter, M.P. (November 18, 2000). *Stuttering on content and function words in adults who stutter*. Poster presented at the 2000 American Speech-Language-Hearing Association Annual Convention, Washington, DC.
- Walker, L.J., Robertson, A., & Stuart, A. (November 18, 2000). *Attenuation and operational noise characteristics of incubators: Implications for voice reception*. Poster presented at the 2000 American Speech-Language-Hearing Association Annual Convention, Washington, DC.
- Hiss, S., Treole, K., & Stuart, A. (November 17, 2000). *Effect of age, gender, and repeated measures on intraoral air pressure*. Poster presented at the 2000 American Speech-Language-Hearing Association Annual Convention, Washington, DC.

- Barrow, I.M., Givens, G., Stuart, A., Rastatter, M.P., & Kalinowski, J. (November 17, 2000). *Influence of pause duration and location on perception in adults*. Poster presented at the 2000 American Speech-Language-Hearing Association Annual Convention, Washington, DC.
- Geer, S., Hooks, S., & Stuart, A. (November 17, 2000). *Changes in distortion product otoacoustic emissions following exercise and noise*. Poster presented at the 2000 American Speech-Language-Hearing Association Annual Convention, Washington, DC.
- Hiss, S., Treole, K., & Stuart, A. (November 16, 2000). *Effects of age, gender, and bolus volume on swallowing apnea duration*. Poster presented at the 2000 American Speech-Language-Hearing Association Annual Convention, Washington, DC.
- Hooks, S., Geer, S., & Stuart, A. (November 16, 2000). *Audiometric threshold changes following exercise and noise*. Poster presented at the 2000 American Speech-Language-Hearing Association Annual Convention, Washington, DC.
- Rami, M. K., Kalinowski, J., Rastatter, M.P., & Stuart, A., (November 16, 2000). *Effect of pseudostuttering on graduate students in speech-language pathology*. Poster presented at the 2000 American Speech-Language-Hearing Association Annual Convention, Washington, DC.
- Stuart, A., Cranford, J., Carpenter, M., & Hooks, S. (November 16, 2000). *Aging adults' reception thresholds for sentences in quiet and noise*. Poster presented at the 2000 American Speech-Language-Hearing Association Annual Convention, Washington, DC.
- Stuart, A. (October 27, 2000). *Evaluating hearing status of very young infants*. Invited presentation at the Affiliated Hospital of Luzhou of Medical College, Luzhou, Sichuan Province, People's Republic of China
- Stuart, A. (October 25, 2000). *Determination of hearing status of infants who failed hearing screening*. Invited presentation at the First University Hospital, West China University of Medical Sciences, Chengdu, Sichuan Province, People's Republic of China.
- Stuart, A. (October 20, 2000). *Early quantification of infant hearing loss*. Invited presentation at the Kunming Children's Hospital, Kunming, Yunnan Province, People's Republic of China.
- Stuart, A., & Carpenter, M. (March 25, 2000). *Employing interrupted noise masking to reveal deficits in auditory temporal resolution*. Paper presented at the North Carolina Speech, Hearing and Language Association 46th Annual Convention, Charlotte, NC.
- Stuart, A., & Schwab, B. (March 17, 2000). *Word recognition in continuous and interrupted noise by school-age children*. Poster presented at the American Academy of Audiology Twelfth Annual Convention, Chicago, IL.
- Stuart, A., Cranford, J., Carpenter, M., & Hooks, S. (March 17, 2000). *Word recognition skills of aging adults in temporally complex background noise*. Poster presented at the American Academy of Audiology Twelfth Annual Convention, Chicago, IL.
- O'Brien, P., & Stuart, A. (March 17, 2000). *The effects of stimulus and intensity on the acoustically evoked P300 response*. Poster presented at the American Academy of Audiology Twelfth Annual Convention, Chicago, IL.
- Hiss, S.G., Treole, K., & Stuart, A. (October 18, 1999). *Effect of age, gender, bolus volume, and repeated measures on swallowing apnea duration in normal adults*. Dysphagia Research Society, Burlington, VT.
- Stuart, A., Allen, R., Carpenter, M., & Downs, R. (May 1, 1999). *Venting in ITE, ITC, and CIC hearing aid shells: Real-ear effects*. Poster presented at the American Academy of Audiology Eleventh Annual Convention, Miami Beach, FA.
- Downs, C., & Stuart, A. (March 5, 1999). *DPOAEs in children with sickle cell disease*. Paper

- presented at the American Auditory Society Annual Scientific Meeting, Scottsdale, AZ.
- Stuart, A., & Carpenter, M. (November 20, 1998). *Unilateral auditory temporal resolution deficit: Case study*. Poster presented at the 1998 American Speech-Language-Hearing Association Annual Convention, San Antonio, TX.
- Stuart, A., Kalinowski, J., Lynch, K., Rami, M., & Rastatter, M. (November 20, 1998). *Effect of DAF on normal speakers at normal and fast speech rates*. Poster presented at the 1998 American Speech-Language-Hearing Association Annual Convention, San Antonio, TX.
- Kalinowski, J., Lynch, K., Stuart, A., Rastatter, M., & Rami, M. (November 19, 1998). *Effect of auditory feedback and controlled speech rate on stuttering frequency*. Poster presented at the 1998 American Speech-Language-Hearing Association Annual Convention, San Antonio, TX.
- Kalinowski, J., Stuart, A., Rastatter, M., & Wamsley, L. (November 19, 1998). *Do manipulations of monitoring affect stuttering frequency during NAF and FAF?* Poster presented at the 1998 American Speech-Language-Hearing Association Annual Convention, San Antonio, TX.
- Rami, M.K., Kalinowski, J., Rastatter, M.P., & Stuart, A. (November 19, 1998). *Voice onset times of Asian Indian Gujarati stop consonants*. Poster presented at the 1998 American Speech-Language-Hearing Association Annual Convention, San Antonio, TX.
- Stuart, A., Moretz, M.T., & Downs, R. (October 30, 1998). *The effect of neonatal hearing screening on maternal stress*. Poster presented at A Sound Foundation Through Early Amplification, An International Conference Sponsored by Phonak, Chicago, IL.
- Hymel, M.R., Cranford, J. L., & Stuart, A. (October 16, 1998). *Effects of contralateral speech competition on auditory event-related potentials recorded from elderly listeners: A brain map study*. Poster presented at First International Workshop on Mismatch Negativity and Its Clinical Applications, Helsinki, Finland.
- Rami, M.K., Kalinowski, J., Rastatter, M.P., & Stuart, A. (April 24, 1998). *Stop consonants in Gujarati: Perceptual differences*. Paper presented at the North Carolina Speech, Hearing and Language Association 44th Annual Convention, Charlotte, NC.
- Moretz, M.T., & Stuart, A. (April 24, 1998). *Maternal stress following neonatal hearing screenings*. Paper presented at the North Carolina Speech, Hearing and Language Association 44th Annual Convention, Charlotte, NC.
- Stuart, A., Downs, R., Carpenter, M., & Allen, R. (April 23, 1998). *Real ear measures of vent effects in three hearing aid shells*. Paper presented at the North Carolina Speech, Hearing and Language Association 44th Annual Convention, Charlotte, NC.
- Lynch, K., Kalinowski, J., Rastatter, M.P., & Stuart, A. (April 23, 1998). *Combined effects of altered-auditory feedback and motoric strategies on stuttering frequency*. Paper presented at the North Carolina Speech, Hearing and Language Association 44th Annual Convention, Charlotte, NC.
- Stuart, A., Kalinowski, J., & Rastatter, M.P. (November 21, 1997). *The effect of monaural and binaural altered auditory feedback on stuttering frequency*. Poster presented at the 1997 American Speech-Language-Hearing Association Annual Convention, Boston, MA.
- Stuart, A., & Phillips, D.P. (November 21, 1997). *Word recognition of time altered speech with a simulated hearing loss*. Poster presented at the 1997 American Speech-Language-Hearing Association Annual Convention, Boston, MA.
- Zimmerman, S., Kalinowski, J., Stuart, A., Shine, R., & Rastatter, M.P. (November 21, 1997). *Effect of altered auditory feedback on stuttering during telephone conversations*. Poster presented at the 1997 American Speech-Language-Hearing Association Annual Convention, Boston, MA.

- Stuart, A. (October 17, 1997). *Speech perception in noise - some recent advances*. Invited paper presentation at the Symposium On The Assessment And Management Of Central Auditory Processing Disorders, Eastern Area Health Education Center and Department of Communications Sciences and Disorders, East Carolina University, Greenville, NC.
- Miller, R., Rastatter, M.P., Kalinowski, J., Shine, R., & Stuart, A. (August 21, 1997). *Effects of speaking into a passive resonator following exposure to frequency altered feedback*. Paper presented at the Second World Congress on Fluency Disorders, San Francisco, CA.
- Wamsley, L., Stuart, A., Rastatter, M.P., & Kalinowski, J. (August 20, 1997). *Effect of various environmental conditions on stuttering under NAF and FAF*. Paper presented at the Second World Congress on Fluency Disorders, San Francisco, CA.
- Rastatter, M.P., Kalinowski, J., Cranford, J., & Stuart, A. (August 20, 1997). *The effects of altered auditory feedback on topographic EEG mapping in stuttering subjects*. Paper presented at the Second World Congress on Fluency Disorders, San Francisco, CA.
- Stuart, A., & Phillips, D.P. (April 19, 1997). *Effects of time-compression and reverberation on word recognition with and without a simulated hearing loss*. Poster presented at the American Academy of Audiology Ninth Annual Convention, Fort Lauderdale, FL.
- Stuart, A. (July 20, 1996). *The effect of frequency and temporal alterations in auditory feedback on stuttering*. Invited paper presentation at the Dartmouth Medical School Conference: Novel Approaches to Habilitation Involving (Central) Auditory Processes, Hanover, NH.
- Rastatter, M.P., Kalinowski, J., Cranford, J., & Stuart, A. (June 7, 1996). *Topographical EEG mapping of stuttering subjects during speech tasks under normal and altered feedback conditions*. Paper presented at the Third International University of Nijmegen Conference on Speech Motor Production and Fluency Disorders, Nijmegen, The Netherlands.
- Glover, H., Kalinowski, J., Rastatter, M., & Stuart, A. (June 6, 1996). *Effect of instruction to sing on stuttering frequency at normal and fast rates*. Poster presented at the Third International University of Nijmegen Conference on Speech Motor Production and Fluency Disorders, Nijmegen, The Netherlands.
- Stuart, A., & Phillips, D.P. (April 20, 1996). *Word recognition performance in continuous and interrupted broadband noise by young normal-hearing, older normal-hearing, and older hearing-impaired presbycusis listeners*. Poster presented at the American Academy of Audiology Eighth Annual Convention, Salt Lake City, UT.
- Stuart, A. (February 15, 1996). *Early infant hearing screening: Issues in identification and early management*. Invited seminar presented at the 26th Annual East Carolina University Speech Language and Hearing Symposium, Greenville, NC.
- Stuart, A., & Yang, E.Y. (December 9, 1995). *ABR to bone-conducted clicks in newborn hearing screening*. Seminar presented at the 1995 American Speech-Language-Hearing Association Annual Convention, Orlando, FL.
- Stuart, A., Kalinowski, J., Armson, J., Stenstrom, R., & Jones, K. (December 9, 1995). *Fluency effects of frequency alteration in stutterers' auditory feedback*. Poster presented at the 1995 American Speech-Language-Hearing Association Annual Convention, Orlando, FL.
- Yang, E.Y., & Stuart, A. (March 31, 1995). *Auditory brainstem response to bone conducted clicks in infants*. Instructional course presented at the American Academy of Audiology Seventh Annual Convention, Dallas, TX.
- Kalinowski, J., Armson, J., & Stuart, A. (August 11, 1994). *Effects of alterations in auditory feedback on stuttering frequency during fast and normal speech rates*. Paper presented at the First World Congress on Fluency Disorders, Munich, Germany.
- Armson, J., Kalinowski, J., & Stuart, A. (August 10, 1994). *A model of stuttering remediation:*

- Multiple factors underlying fluency enhancement.* Paper presented at the First World Congress on Fluency Disorders, Munich, Germany.
- Gracco, V.L., Ross, D., Kalinowski, J., & Stuart, A. (June 6, 1994). *Articulatory changes following spectral and temporal modifications in auditory feedback.* Poster presented at the 127th Meeting of the Acoustical Society of America, Cambridge, MA.
- Yang, E.Y., & Stuart, A. (April 30, 1994). *Auditory brainstem response to bone conducted clicks in infants.* Instructional course presented at the American Academy of Audiology Sixth Annual Convention, Richmond, VA.
- Stuart, A., Yang, E.Y., & Green, W.B. (April 29, 1994). *Auditory brainstem response thresholds to air and bone conducted clicks in neonates: 0 to 96 hours postpartum.* Poster presented at the American Academy of Audiology Sixth Annual Convention, Richmond, VA.
- Yang, E.Y., Stuart, A., & Botea, M. (April 29, 1994). *Auditory brainstem responses recorded with multiple montage electrode arrays in neonates.* Poster presented at the American Academy of Audiology Sixth Annual Convention, Richmond, VA.
- Gracco, V.L., Harrington, J., Howell, P., Armson, J., Stuart, A., & Kalinowski, J. (November 21, 1993). *The role of audition in stuttering.* Miniseminar presented at the 1993 American Speech-Language-Hearing Association Annual Convention, Anaheim, CA.
- Sark, S., Kalinowski, J., Armson, J., & Stuart, A. (November 20, 1993). *Stuttering amelioration at various auditory delays and speech rates.* Poster presented at the 1993 American Speech-Language-Hearing Association Annual Convention, Anaheim, CA.
- MacLeod, J., Kalinowski, J., Armson, J., & Stuart, A. (November 19, 1993). *Stuttering reduction under combined auditory effects at two speech rates.* Paper presented at the 1993 American Speech-Language-Hearing Association Annual Convention, Anaheim, CA.
- Hargrave, S., Kalinowski, J., Armson, J., & Stuart, A. (November 19, 1993). *Stuttering reduction under frequency-altered feedback at two speech rates.* Paper presented at the 1993 American Speech-Language-Hearing Association Annual Convention, Anaheim, CA.
- Armson, J., Kalinowski, J., & Stuart, A. (November 19, 1993). *Differing responses in stuttering frequency to increased speech rate.* Paper presented at the 1993 American Speech-Language-Hearing Association Annual Convention, Anaheim, CA.
- Stuart, A., & Yang, E.Y. (May 15, 1993). *Clinical implementation of the auditory brainstem response to bone conducted clicks with young infants.* Invited paper presented at the 18th Annual Conference of the Canadian Association of Speech-Language Pathologists and Audiologists, Charlottetown, PEI.
- Stuart, A., & Yang, E.Y. (May 14, 1993). *Effect of high-pass filtering on the neonatal auditory brainstem response to air and bone conducted clicks.* Paper presented at the 18th Annual Conference of the Canadian Association of Speech-Language Pathologists and Audiologists, Charlottetown, PEI.
- Pugsley, S., & Stuart, A. (May 13, 1993). *Changes in hearing sensitivity following portable stereo system use.* Paper presented at the 18th Annual Conference of the Canadian Association of Speech-Language Pathologists and Audiologists, Charlottetown, PEI.
- Stuart, A., Reindorp, A.G., Yang, E.Y., & Stenstrom, R. (November 22, 1992). *ABR thresholds to air and bone conducted clicks in neonates and adults.* Paper presented at the 1992 American Speech-Language-Hearing Association Annual Convention, San Antonio, TX.
- Green, W.B., Phillips, D.P., & Stuart, A. (September 4, 1992). *Probing temporal factors in hearing: Speech recognition in continuous and interrupted noise.* Paper presented at the XXI International Congress of Audiology, Morioka, Japan.
- Yang, E.Y., Stuart, A., Mencher, G.T., Mencher, L.S., & Vincer, M. (September 4, 1992). *Audiologic assessment of at-risk infants using ABR to air and bone conducted clicks.*

- Paper presented at the XXI International Congress of Audiology, Morioka, Japan.
- Yang, E.Y., Stuart, A., Mencher, G.T., Mencher, L., & Vincer, M. (May 8, 1992). *Audiologic assessment of at-risk infants using auditory brainstem response to air and bone conducted clicks*. Paper presented at the 17th Annual Conference of the Canadian Association of Speech-Language Pathologists and Audiologists, Saskatoon, SK.
- Yang, E.Y., Stuart, A., Mencher, G.T., Mencher, L., & Vandenhoff, S. (April 27, 1991). *Auditory conductive deficits in young infants at-risk for hearing impairment*. Paper presented at The 16th Annual Conference of the Canadian Association of Speech-Language-Pathologists and Audiologists, Montreal, QC.
- Stuart, A., MacDonald, O., Stenstrom, R., Schmidt, M., & MacLean, G. (April 26, 1991). *Probe tube microphone measures of venting effects in in-the-ear hearing aid shells*. Paper presented at The 16th Annual Conference of Speech-Language-Pathologists and Audiologists, Montreal, QC.
- Doyle, P.C., Stuart, A., MacKnight, C., & Reindorp, A.G. (April 26, 1991). *Temporal characteristics associated with electroglottographic (EGG) waveforms from normal children*. Paper presented at The 16th Annual Conference of Speech-Language-Pathologists and Audiologists, Montreal, QC.
- Yang, E.Y., Stuart, A.M., Mencher, G.T., & Mencher, L.S. (November 15, 1990). *Reliability of bone-conducted auditory brainstem response testing in infants*. Paper presented at The American Auditory Society Meeting, Seattle, WA.
- Stuart, A., Stenstrom, R., Tompkins, C., & Vandenhoff, S. (May 11, 1990). *Comparison of variability in audiometric threshold among children and adults with supra-aural and insert earphones*. Paper presented at The 15th Annual Conference of the Canadian Association of Speech-Language Pathologists and Audiologists, Vancouver, BC.
- Yang, E.Y., Stuart, A., Mencher, G., Mencher, L., & Vincer, M. (May 11, 1990). *Identification of sensorineural hearing loss in neonates using auditory brainstem response*. Paper presented at The 15th Annual Conference of the Canadian Association of Speech-Language Pathologists and Audiologists, Vancouver, BC.
- Yang, E.Y., Mencher, G.T., Mencher, L.S., Vincer, M.J., & Stuart, A.M. (February 6, 1990). *Technical aspects of bone-conducted ABR in hearing screening for at-risk infants*. Paper presented at The Thirteenth Midwinter Meeting of the Association for Research in Otolaryngology, St. Petersburg, FA.
- Stuart, A., Yang, E.Y., & Stenstrom, R. (October 19, 1989). *Effect of bone vibrator placement on auditory brainstem response in newborn infants*. Paper presented at The Canadian Acoustical Association Technical Symposium, Halifax, NS.
- Yang, E.Y., Mencher, G., Mencher, L., Vincer, M., & Stuart, A. (October 19, 1989). *Preliminary findings of bone conduction auditory brainstem response in at-risk infants*. Paper presented at The Canadian Acoustical Association Technical Symposium, Halifax, NS.
- Stuart, A., Durieux-Smith, A., & Stenstrom, R. (May 13, 1989). *Probe-tube microphone determined measures of loudness discomfort levels in young children*. Paper presented at The 14th Annual Conference of the Canadian Association of Speech-Language Pathologists and Audiologist, Toronto, ON.
- Stuart, A., Durieux-Smith, A., & Stenstrom, R. (May 13, 1989). *Critical differences (in decibels) for aided sound field thresholds in young children*. Paper presented at The 14th Annual Conference of the Canadian Association of Speech-Language Pathologists and Audiologist, Toronto, ON.
- Yang, E.Y., Mencher, G.T., Mencher, L.S., Vincer, M.J., & Stuart, A.M. (May 11, 1989). *Air and bone-conduction ABR in hearing screening for at-risk neonates*. Paper presented at

The 14th Annual Conference of the Canadian Association of Speech-Language Pathologists and Audiologists, Toronto, ON.

Stuart, A. (May 6, 1988). *Optimal benefit of frequency modulated (FM) amplification: Fact or fiction*. Paper presented at The 13th Annual Conference of the Canadian Association of Speech-Language Pathologists and Audiologists, Banff, AB.

Patents:

Rastatter, M.P., Kalinowski, J., & Stuart, A. (November 9, 2010). *Methods and devices for treating non-stuttering pathologies using frequency altered feedback*. United States Patent Number 7,828,712.

Kalinowski, J., Stuart, A.M., Guntupalli, V., & Saltuklaroglu, T. (September 22, 2009). *Adaptation resistant anti-stuttering devices and related methods*. United States Patent Number 7,591,779.

Kalinowski, J., Stuart, A., & Rastatter, M.P. (April 18, 2006). *Methods and devices for enhancing fluency in persons who stutter employing visual speech gestures*. United States Patent Number 7,031,922.

Kalinowski, J., & Stuart, A. Rastatter, M.P., (June 22, 2004). *Methods and devices for delivering exogenously generated speech signals to enhance fluency in persons who stutter*. United States Patent Number 6,754,632.

Rastatter, M.P., Kalinowski, J., & Stuart, A. (October 5, 1999). *Therapeutic device to ameliorate stuttering*. United States Patent Number 5,961,443.

Copyrighted Material:

Kalinowski, J., Stuart, A., Saltuklaroglu, T., & Dayalu, V. (2003). *SpeechEasy™ Hardware, Software Installation, and Treatment Protocol Manual, Version 3.0*.

Stuart, A., Kalinowski, J., Saltuklaroglu, T., & Dayalu, V. (2003). *SpeechEasy™ Training Workshop, Version 3.0*.

Kalinowski, J., Stuart, A., Saltuklaroglu, T., & Dayalu, V. (2002). *SpeechEasy™ Hardware, Software Installation, and Treatment Protocol Manual*.

Stuart, A., Kalinowski, J., Saltuklaroglu, T., & Dayalu, V. (2002). *SpeechEasy™ Training Workshop*.

Grants:

Givens, G., & Stuart, A. (2010). *Population based intervention*. North Carolina Department of Health and Human Services, (\$24,204) Grant # 10-0348-01.

Butler, S.G., & Stuart, A. (2009-2010). *Endoscopic evaluation of swallowing in healthy participants across the lifespan*. National Institute on Deafness and Other Communication Disorders/National Institutes of Health, (\$68,720). Grant # 3R03DC009875-01S1.

Butler, S.G., & Stuart, A. (2009-2011). *Endoscopic evaluation of swallowing in healthy participants across the lifespan*. National Institute on Deafness and Other Communication Disorders/National Institutes of Health, Small Grant Program (R03) (\$454,332.00) Grant # 1R03DC009875-01.

Stuart, A. (2005). *An investigation of auditory steady state responses to air and bone conducted stimuli in neonates and adults*. National Organization For Hearing Research Foundation (\$15,000).

Lamson, A., Hodgson, J.L., & Stuart, A. (2005). *Psychosocial implications of the Speecheasy device*. College of Human Ecology, East Carolina University (\$2,000).

- Stuart, A. (2003). *The contribution of multiple auditory steady state evoke response to bone-conducted stimuli in the evaluation of newborn hearing*. School of Allied Health Sciences Research Award, East Carolina University (\$13,000).
- Stuart, A. (2002). *The contribution of multiple auditory steady state evoke response to bone-conducted stimuli in the evaluation of newborn hearing*. East Carolina University Chancellor's Award (\$19,000 – FUNDED/FROZEN STATE FUNDS).
- Allen, R., Stuart, A., Brown, M., Lust, C., Painter, J., Poston, L., Smith, B., Stavrakas, P., & Wilson, C. (2001-2002). *Collaborative project to increase access to interdisciplinary health & medical services for poverty-level, preschool children in rural under-served areas of Eastern North Carolina*. Kate B. Reynolds Charitable Trusts (\$210, 623).
- Stuart, A. (2000). *Travel Stipend Award, Grant Writing in Communication Sciences and Disorders*. The Research and Scientific Affairs Committee, American Speech-Language-Hearing Association (\$1,000).
- Stuart, A., & Cranford, J. (2000). *Auditory temporal and spectral resolution in aging listeners*. The Deafness Research Foundation (\$19,607).
- Rastatter, M.P., Kalinowski, J., & Stuart, A. (1999). *Development of a prototype therapeutic device to ameliorate stuttering*. East Carolina University Health Sciences Foundation (\$50,000).
- Stuart, A., & Cranford, J. (1999). *Word recognition skills of aging adults in temporally complex background noise*. The Deafness Research Foundation (\$14,960).
- Stuart, A. (1998-99). *Word Recognition in Continuous and Interrupted Noise by School-Age Children: Development of a Clinical Test of Temporal Auditory Processing*. Oak Ridge Associated Universities Ralph E. Powe Junior Faculty Enhancement Award (\$10,000).
- Stuart, A. (1998). East Carolina University 1997-1998 Basic Faculty Computer Program (\$2000). *Psychoacoustics Laboratory Computer*.

Awards/Recognition:

- East Carolina University Provost and Vice-Chancellor for Academic Affairs Scholar-Teacher Award (2005-2006)
- President's Award, North Carolina Association of Educators (March 18, 2005)
- Who's Who in America (2001-11)
- Who's Who in American Education (2003-06)
- Dean's Award For Outstanding Research, School of Allied Health Sciences, East Carolina University (1998, 2004)
- Medical Research Council of Canada Studentship (1992-96)
- Izaak Walton Killam Memorial Honorary Scholarship, Dalhousie University (1992-95)
- The D.O. Hebb Post-Graduate Prize, Department of Psychology, Dalhousie University (1992)
- Dalhousie University Graduate Fellowship (1984-86; 1992-93)
- University of New Brunswick Entrance Scholarship (1975-76)

Recognized Publications:

- Stuart, A. (2008). Reception thresholds for sentences in quiet, continuous noise, and interrupted noise in school-age children. *Journal of the American Academy of Audiology*, 19, 135-146. (Cited in *The Hearing Journal* [June 2009, Volume 62, Number 6] The Best of Audiology Literature as the Best of 2008 in the "Most Thought Provoking" category in *Hearing Science*).
- Stuart, A. (2005). Development of auditory temporal resolution in school-age children revealed by word recognition in continuous and interrupted noise. *Ear and Hearing*, 26, 78-88.

- (Cited in *The Hearing Journal* [June 2006, Volume 59, Number 6] The Best of Audiology Annual Literature Review as the Best of 2005 in the “All-Round Favorites” category in Hearing Science).
- Hooks -Horton, S., Geer, S., & Stuart, A. (2001). Effects of exercise and noise on auditory thresholds and distortion product otoacoustic emissions. *Journal of the American Academy of Audiology*, 12, 52-58. (Cited in *The Hearing Journal* [May 2002, Volume 55, Number 5] The Best of Audiology 7th Annual Literature Review as the Best of 2001 in the “Best Quick Read” category in Hearing Science).
- Stuart, A, Moretz, M., & Yang, E.Y. (2000). An investigation of maternal stress following neonatal hearing screening. *American Journal of Audiology*, 9, 135-141. (Cited in *The Hearing Journal* [April 2001, Volume 54, Number 4] The Best of Audiology 6th Annual Literature Review as the Best of 2000 in the “Great For The Clinician” category in Diagnostic Audiology).
- Stuart, A., Allen, R., Downs, R., & Carpenter, M. (1999). The effects of venting on in-the-ear, in-the-canal, and completely-in-the-canal hearing aid shell frequency responses: Real-ear measures. *Journal of Speech, Language, and Hearing Research*, 42, 804-813. (Cited in *The Hearing Journal* [May 2000, Volume 53, Number 5, 71-84] The Best of Audiology 5th Annual Literature Review as the Best Quick Read in the “Best of '99: Hearing Aids” category).
- Stuart, A., & Phillips, D.P. (1998). Recognition of temporally distorted words by listeners with and without a simulated hearing loss. *Journal of the American Academy of Audiology*, 9, 199-208. (Cited in *The Hearing Journal* [May 1999, Volume 52, Number 5] The Best of Audiology 4th Annual Literature Review as the Best of 1998 in the “Most Thought Provoking” category in The Best in Hearing Science).
- Stuart, A., & Phillips, D.P. (1996). Word recognition in continuous and interrupted broadband noise by young normal-hearing, older normal-hearing, and presbycusis listeners. *Ear and Hearing*, 17, 478-489. (Cited in *The Hearing Journal* [April 1997, Volume 50, Number 4, Supplement 1] The Best of Audiology 2nd Annual Literature Review as the Best of 1996 in the “Most Thought Provoking” category in The Best in Diagnostics section and in the “Great For The Clinician” category in The Best in Hearing Science).

Academic Committee Membership:

- East Carolina University Board of Governors Distinguished Professor for Teaching Awards Committee (2009-10).
- East Carolina University 2007 Research Development Award Competition (Reviewer)
- Honorary Degrees, Awards, and Distinctions Committee (2002-2005), East Carolina University (Member).
- Grievance Appellate Board (2002-2005), East Carolina University (Chair/Member).
- Honors and Awards Committee (2003-2006), School of Allied Health Sciences, East Carolina University (Member)
- Personnel Action Committee (1998- present), Department of Communication Sciences and Disorders, East Carolina University (Chair/Member).
- Clinical Operations Committee (1996-2008), Department of Communication Sciences and Disorders, East Carolina University (Member).
- Tenure and Promotion Committee (2001- present), Department of Communication Sciences and Disorders, East Carolina University (Chair/Member).
- Graduate Affairs and Curriculum Committee (1998-2002), School of Allied Health Sciences, East Carolina University (Member).

Doctoral Studies Committee (1996-present), Department of Communication Sciences and Disorders, East Carolina University (Member).

Graduate Studies Committee (1996- present), Department of Communication Sciences and Disorders, East Carolina University (Member).

Research/Creative Activity Grants Committee (1998-2001; 2010-12), East Carolina University (Member).

Research Design Interdisciplinary Education Task Force Group (1997-98), School of Allied Health Sciences, East Carolina University (Member).

Space Committee (1997-98), Department of Communication Sciences and Disorders, East Carolina University (Member).

Teaching:

PSYC 4315. Neuroscience: Literature and Laboratory Experience, College of Arts and Sciences, East Carolina University (2008: Course Instructor).

NEUR 4951 Neuroscience Senior Thesis II, College of Arts and Sciences, East Carolina University (2008: Course Instructor).

NEUR 4312 Laboratory Methods in Behavioral Neuroscience, College of Arts and Sciences, East Carolina University (2006-07; 2009: Course Instructor).

NEUR 4220 Literature in Neuroscience, College of Arts and Sciences, East Carolina University (2006-07: Course Instructor).

NEUR 4950 Neuroscience Senior Thesis I, College of Arts and Sciences, East Carolina University (2007: Course Instructor).

PSYC 4312 Laboratory Methods in Behavioral Neuroscience, College of Arts and Sciences, East Carolina University (2007, 2010: Course Instructor).

MULT 4999 Multidisciplinary Studies (Neuroscience Studies) College of Arts and Sciences, East Carolina University (2004-05: Course Instructor).

CSDI 9000 Dissertation, Department of Communication Sciences and Disorders, East Carolina University (2004-present: Course Instructor).

CSDI 8999 Predoctoral Independent Study, Department of Communication Sciences and Disorders, East Carolina University (2005-present: Course Instructor).

CSDI 8022 Advanced Seminar in Audiology (Cochlear Hearing Loss), Department of Communication Sciences and Disorders, East Carolina University (2007: Course Instructor).

CSDI 8026 Electrophysiological Measures in Audition II, Department of Communication Sciences and Disorders, East Carolina University (2005-present: Course Instructor).

CSDI 8104 Electrophysiological Measures in Audition II: Laboratory, Department of Communication Sciences and Disorders, East Carolina University (2005-present: Course Instructor).

CSDI 8019 Electrophysiological Measures in Audition I, Department of Communication Sciences and Disorders, East Carolina University (2004-present: Course Instructor).

CSDI 8103 Electrophysiological Measures in Audition I: Laboratory, Department of Communication Sciences and Disorders, East Carolina University (2004-present: Course Instructor).

CSDI 8009 Psychoacoustics, Department of Communication Sciences and Disorders, East Carolina University (2003-present: Course Instructor).

CSDI 8080 Research Internship - Audiology, Department of Communication Sciences and Disorders, East Carolina University (1997 - present: Course Instructor).

- CSDI 6009 Auditory Electrophysiology I, Department of Communication Sciences and Disorders, East Carolina University (2002 - 2002: Course Instructor).
- CSDI 6019 Auditory Electrophysiology II, Department of Communication Sciences and Disorders, East Carolina University (1997 - 2002: Course Instructor).
- CSDI 8016 Auditory Physiology, Department of Communication Sciences and Disorders, East Carolina University (1997 - 2002: Course Instructor).
- CSDI 8010 & 8023 Advanced Instrumentation in Audiology/Speech-Language Pathology (Computer and Instrumentation Applications to Speech and Hearing Science I & II), Department of Communication Sciences and Disorders, East Carolina University (1996 - 2002: Course Instructor).
- CSDI 8020 Advanced Seminar in Communication Sciences (Electrophysiology), Department of Communication Sciences and Disorders, East Carolina University (1999 - 2002: Course Instructor).
- CSDI 8022 Advanced Seminar in Audiology (Psychoacoustics), Department of Communication Sciences and Disorders, East Carolina University (1999 - 2002: Course Instructor).
- CSDI 8022 Advanced Seminar in Audiology (Psychoacoustics II), Department of Communication Sciences and Disorders, East Carolina University (1999 - 2002: Course Instructor).
- CSDI 6000 Methods in Clinical Audiology, Department of Communication Sciences and Disorders, East Carolina University (1998 - 2001: Course Instructor).
- PSYO 3050R Perception, Department of Psychology, Dalhousie University (1994: Teaching Assistant).
- PSYO 2000A Experimental Psychology, Department of Psychology, Dalhousie University (1993: Teaching Assistant).
- PSYO 2500B Contemporary Research Problems in Psychology, Department of Psychology, Dalhousie University (1993: Teaching Assistant).
- HUCD 522A Diagnostic Audiology, School of Human Communication Disorders, Dalhousie University (1991: Sessional Lecturer).
- HUCD 636A Amplification, School of Human Communication Disorders, Dalhousie University (1989: Sessional Lecturer).

Graduate Student Dissertation Supervision:

- Christopher G. Gains II *Neural generators of vestibular evoked potentials*. Submitted in partial fulfillment of the requirements for the degree of Doctor of Philosophy in Communication Sciences and Disorders, East Carolina University, 2011 (Dissertation Committee Member).
- Kristal N. Mills. *Vestibular function in blast injured military personnel*. Submitted in partial fulfillment of the requirements for the degree of Doctor of Philosophy in Communication Sciences and Disorders, East Carolina University, 2011 (Dissertation Committee Member).
- Shannon D. Swink. *Auditory event-related potentials recorded during passive listening and speech production*. Submitted in partial fulfillment of the requirements for the degree of Doctor of Philosophy in Communication Sciences and Disorders, East Carolina University, 2010 (Dissertation Director).
- Lauren R. Smith. *Timing is everything: An investigation of auditory and visual temporal processing in children with reading disorders*. Submitted in partial fulfillment of the requirements for the degree of Doctor of Philosophy in Communication Sciences and Disorders, East Carolina University, 2008 (Dissertation Committee Member).

- Vijaya K. Guntupalli. *The role of altered auditory feedback in the amelioration of stuttering in children*. Submitted in partial fulfillment of the requirements for the degree of Doctor of Philosophy in Communication Sciences and Disorders, East Carolina University, 2007 (Dissertation Committee Member).
- Letitia J. Walker. *Late auditory evoked potentials as electrophysiological indices of behavioral discrimination*. Submitted in partial fulfillment of the requirements for the degree of Doctor of Philosophy in Communication Sciences and Disorders, East Carolina University, 2005 (Dissertation Director).
- Saravanan Elangovan. *The role of auditory temporal processing in the speech perception of voicing in stop consonants*. Submitted in partial fulfillment of the requirements for the degree of Doctor of Philosophy in Communication Sciences and Disorders, East Carolina University, 2005 (Dissertation Director).
- Tim Saltuklaroglu. *The role of gestural imitation in the inhibition of stuttering*. Submitted in partial fulfillment of the requirements for the degree of Doctor of Philosophy in Communication Sciences and Disorders, East Carolina University, 2004 (Dissertation Committee Member).
- Vikram N. Dayalu. *Inhibition of stuttering from second speech signals*. Submitted in partial fulfillment of the requirements for the degree of Doctor of Philosophy in Communication Sciences and Disorders, East Carolina University, 2004 (Dissertation Committee Member).
- Susan G. Hiss. *Swallowing apnea onset: causes and relationship to lingual bolus propulsion in normal adults and adults with laryngectomy*. Submitted in partial fulfillment of the requirements for the degree of Doctor of Philosophy in Communication Sciences and Disorders, East Carolina University, 2001 (Dissertation Committee Member).
- Murvin R. Hymel. *The effects of similarity of test and competing stimuli on late auditory evoked potentials in young male and female listeners*. Submitted in partial fulfillment of the requirements for the degree of Doctor of Philosophy in Communication Sciences and Disorders, East Carolina University, 2001 (Dissertation Committee Member).
- Manish K. Rami. *The effect of filtered speech feedback on the frequency of stuttering*. Submitted in partial fulfillment of the requirements for the degree of Doctor of Philosophy in Communication Sciences and Disorders, East Carolina University, 2000 (Dissertation Committee Member).

Graduate Student Thesis Supervision:

- Megan M. Withers. *The relationship between child hearing status and maternal sensitivity*. Submitted in partial fulfillment of the requirements for the degree of Master of Science in Child Development and Family Relations East Carolina University, 2007 (Thesis Committee Member).
- Amy L. Passmore. *Reliability for low and moderate intensity stimulus distortion product otoacoustic emissions (DPOAEs) in young normal hearing females*. Submitted in partial fulfillment of the requirements for the degree of Master of Science in Communication Sciences and Disorders, East Carolina University, 2006 (Thesis Committee Member).
- Jonathan W. Cray. *The investigation of telephone use among cochlear implant recipients*. Submitted in partial fulfillment of the requirements for the degree of Master of Science in Communication Sciences and Disorders, East Carolina University, 2002 (Thesis Committee Member).
- Amy Rothermel. *Effects of discrimination task condition on late auditory evoked potentials in young adult listeners*. Submitted in partial fulfillment of the requirements for the degree

- of Master of Science in Communication Sciences and Disorders, East Carolina University, 2001 (Thesis Committee Member).
- April L. Harrison. *Speech naturalness in those who stutter while under the influence of altered auditory feedback*. Submitted in partial fulfillment of the requirements for the degree of Master of Science in Communication Sciences and Disorders, East Carolina University, 2001 (Thesis Committee Member).
- Elizabeth Owens. *The effects of color and vocabulary age on hemispheric picture naming characteristics of children with reading disorders*. Submitted in partial fulfillment of the requirements for the degree of Master of Science in Communication Sciences and Disorders, East Carolina University, 2001 (Thesis Committee Member).
- Lee Thorne. *The effect of frequency altered feedback on word type and phonetic complexity in people who stutter*. Submitted in partial fulfillment of the requirements for the degree of Master of Science in Communication Sciences and Disorders, East Carolina University, 2000 (Thesis Committee Member).
- Jennifer B. Shinn. *Brief tone discrimination ability of young adults with reading disorders*. Submitted in partial fulfillment of the requirements for the degree of Master of Science in Communication Sciences and Disorders, East Carolina University, 2000 (Thesis Committee Member).
- Greg Snyder. *The effects of informative video documentaries on student clinicians' attitudes toward stuttering*. Submitted in partial fulfillment of the requirements for the degree of Master of Science in Communication Sciences and Disorders, East Carolina University, 2000 (Thesis Committee Member).
- Amy Fisher. *Effects of contralateral speech competition on late auditory evoked responses in young and elderly listeners: A brain map study*. Submitted in partial fulfillment of the requirements for the degree of Master of Science in Communication Sciences and Disorders, East Carolina University, 1998 (Thesis Committee Member).
- Stephen Pugsley. *Changes in hearing sensitivity following portable stereo system use*. Submitted in partial fulfillment of the requirements for the degree of Master of Science in Human Communication Disorders, Dalhousie University, 1992 (Director).
- Gail L. MacLean. *Real ear sound pressure levels developed by three portable stereo system earphones*. Submitted in partial fulfillment of the requirements for the degree of Master of Science in Human Communication Disorders, Dalhousie University, 1991 (Director).
- Sandra Vandenhoff. *Preferred listening levels among personal FM users*. Submitted in partial fulfillment of the requirements for the degree of Master of Science in Human Communication Disorders, Dalhousie University, 1991 (Director).

Undergraduate Student Thesis Supervision:

- Latoya Perry. *The effect of race, gender, and ear on transient evoked otoacoustic emissions*. Submitted in partial fulfillment of the requirements for the degree of Bachelor of Science, East Carolina University, 2011 (Thesis Supervisor).
- June L. Preast. *An examination of contralateral suppression of otoacoustic emissions in children with sickle cell disease*. Submitted in partial fulfillment of the requirements for the degree of Bachelor of Science, East Carolina University, 2008 (Thesis Supervisor).
- Carmen L. Mendez. *The effect of altered auditory feedback on stuttering duration and type*. Submitted in partial fulfillment of the requirements for the degree of Bachelor of Science, East Carolina University, 2005 (Thesis Supervisor).

Mentored Student Research Awards

- Perry, L., & Stuart, A. (November 1, 2011). *The effect of race, gender, and ear on transient otoacoustic emissions*. Best Undergraduate Student Research Poster Award, 13th Annual Neuroscience Symposium, Eastern Carolina Chapter of the Society for Neuroscience, East Carolina University.
- Cobb, K.M., & Stuart, A. (2011). *Effect of altered auditory feedback on stuttering duration and type in adults who stutter during conversation*. Student Summer Research Fellowship, American Academy of Audiology.
- Elangovan, S., & Stuart, A. (April 7, 2006). *Auditory temporal processing in the perception of voicing*. Poster presented at the American Academy of Audiology Sixteenth Annual Convention, Minneapolis, MN. James Jerger Award for Excellence in Student Research.
- Mendez, C.L. (April 8, 2005). *The effect of altered auditory feedback on stuttering duration and type*. First place winner in the Cultural, Humanities, Social Sciences and Fine Arts Division at the Second Annual Undergraduate Research Symposium, East Carolina University.
- Elangovan, S., & Stuart, A. (March 8, 2004). *Effects of high-pass filtering and masking noise on word recognition*. Paper presented at the American Auditory Society Science & Technology Meeting, Scottsdale AZ. National Institute of Health and the American Auditory Society Mentored Doctoral Research Award.
- Walker, L.J., & Stuart, A. (March 14, 2003). *Is there an electrophysiological correlate of behavioral processing of duration discrimination?* Paper presented at the American Auditory Society Science & Technology Meeting, Scottsdale AZ. American Auditory Society Mentored Student Research Award.
- Hiss, S.G., Stuart, A., Strauss, M., Treole, K., Boutilier, S. (October 3-5, 2002). *Swallowing apnea as a function of airway closure*. Paper presented at the Dysphagia Research Society Eleventh Annual Dysphagia Research Society Meeting, Miami, FA. Scientific Oral Presentation Award, Second Place.
- Elangovan, S., Walker, L.J., Carpenter, Cranford, J., & Stuart, A (April 29, 2002). *Endogenous vs. exogenous origins of the mismatch negativity ERP*. Paper presented at the American Academy of Audiology Fourteenth Annual Convention, Philadelphia, PA. American Academy of Audiology Student Research Forum.
- Elangovan, S., Walker, L.J., Carpenter, M., Downs, R., Cranford, J., Stuart, A., & Pravica, D. (November 17, 2001). *Relationship between size of MMN and neural refractory/recovery effects*. Poster presented at the 2001 American Speech-Language-Hearing Association Annual Convention, New Orleans, LA. American Speech Language & Hearing Association Student Research Forum Fellowship [Travel Award].
- Hiss, S.G., Stuart A., Strauss, M., Treole, K., & Boutilier, S. (October 11-13, 2001). *Effects of age, gender, bolus volume, bolus viscosity, and gustation on swallowing apnea onset relative to lingual bolus propulsion in normal adults*. Paper presented at the Tenth Annual International Dysphagia Research Society Meeting, Albuquerque, NM. Scientific Oral Presentation Award, First Place.