

Curriculum Vitae

Giselle D Carnaby (Mann)

Private & Confidential

Resume Description:

Giselle Mann: B.App.Sci, P.Grad. Dip (Hsc), M.P.H., Ph.D, SLP-CCC

Dr Mann has worked extensively as a research associate in a neuroscience /stroke research trials unit in Western Australia where she was involved in a range of multi-national multi-centered research trials. Dr. Mann's research focus lies in the rehabilitation of swallowing disorders following stroke and head/neck cancer. In addition, she specializes in research epidemiology, and biostatistics. She has been involved with a range of health and health related projects including, Second Hand Tobacco Smoke (SHTS) Awareness, Competency and Practice and the development of the Florida suicide prevention initiative. She is currently a Research Scholar for the American Cancer Society, a member of the National Stroke Council for the American Heart Association, and a Consultant for the Stroke Canada Optimization of Rehabilitation by Evidence (SCORE) project. Dr. Mann was awarded a research scholarship from the Curtin University in 1997 and the Mark Liverist Certificate of Excellence in Research in 1998. She is a past recipient of the Australian Brain Foundation's "Young Investigators Award", the Stroke Society of Australia's "Peter Bladin Award" and the Geoff Blee Award for excellence in research.

CURRICULUM VITAE

Giselle D. Carnaby (Mann), PhD

POSITION: Research Associate Scientist
Dept of Behavioral Science & Community Health
College of Public Health & Health Professions
University of Florida
PO Box 100174
Gainesville, FL 32610-0174

Phone: (352) 2736164 (Lab)
Fax: (352) 392-7018
Email: gmann@php.ufl.edu

EDUCATION:

PhD: Speech Pathology, Curtin University of Technology, Western Australia; 1999.
M.P.H: Public Health, Curtin University of Technology, Western Australia; 1996
PGrad Dip (HSc): Public Health, Curtin University of Technology, Western Australia; 1993
BSc: Speech Pathology; Curtin University of Technology, Western Australia; 1986

LICENCES AND CERTIFICATES:

Florida State Licensure: SA 7029
ASHA SLP-CCC 12065525

HONORS:

Australian Brain Foundation " Young Investigators Award 1995
Australian Association of Speech & Hearing-Recognition of Service Award. For excellence in clinical research. 1996
Stroke Society of Australasia. "Peter Bladin Award -Young Investigator of the Year" 1996
Australian Brain Foundation. "Geoff Blee Award" -Excellence in Research 1996
Curtin University "Teaching Assistant Scholarship" 1997
Curtin University, "Mark Liverist Health Sciences Research Seminar" Certificate of Research Excellence, 1998
ASHA special interest Division 13 / Swallowing and swallowing disorders & Yul Brenner Foundation NEW INVESTIGATOR GRANT. Paper entitled "The role of afferent stimuli on the normal swallow system" E.Plowman, G.Mann, M.Crary. 2001

DRS New Investigator award – Co author -poster entitled “Pattern of Dysphagia Recovery following Thermal Burn Injury.” C.Dubose, M.Groher, G.Mann, D. Mozingo. 2003

American Cancer Society :Lifetime American Cancer Society Research Scholar 2006.

EMPLOYMENT HISTORY:

Speech Pathologist; Royal Hobart Hospital 1986-87

Speech Pathologist; Royal Perth Hospital; 1988 – 1992 -Consultation and management, Neurology, Neurosurgery, Development of Multidisciplinary Dysphagia Clinic (Specialty).

Senior Speech Pathologist; Royal Perth Hospital; 1990 – Acting Head of Department

Senior Speech Pathologist; Royal Perth Rehabilitation Hospital; 1992- 1994 - Neurology. Dysphagia / Voice Disorders Specialty

Head of Speech Pathology Department; Royal Perth Rehabilitation Hospital; 1993

Sessional Lecturer in Otolaryngology & Swallowing Disorders; Curtin University; 1989-92

Clinical Supervisor and Sessional Lecturer -Joint Hospital / University position; Curtin University; 1992-94

Principle Investigator / Research Officer; Royal Perth Hospital Stroke Unit / Neurology- Project " Dysphagia following acute stroke: incidence clinical features and prognosis"; 1994

Research Officer: Royal Perth Hospital. Neurology - Clinical trials co-coordinator, Streptokinase, ISAT, Perth Community Stroke trial.

Clinical Supervisor and lecturer; Curtin University, School Of Speech & Hearing Science; 1995-1999. Adult and Pediatric

Research Officer - Royal Perth Hospital Stroke Unit / Neurology; **Project:** -“Australian Cooperative Subarachnoid Haemorrhage Study” [ACROSS] -Phlebotomy, recruitment, data collection, data coding and statistical support. 1995 –1997

Research Officer - Royal Perth Hospital Stroke Unit / Neurology -Participation in “Perth Community Stroke Project Follow up”; 1995 –98

Principle Investigator /Research Officer; Royal Perth Hospital Stroke Unit / Neurology -Project: Randomised controlled trial of dysphagia therapies; 1996 – 98.

Part Time lecturer - Dysphagia & Voice; Curtin University, School Of Speech & Hearing Science; 1998

Associate Research Fellow; Royal Perth Hospital Stroke Unit / Neurology; 1999 - 2000.

Specialist Consultant Dysphagia & Voice; Hollywood Private Hospital; 1999-2000.

Visiting Assistant Professor; Department of Communicative Disorders, University of Florida 2000-2003

Assistant Research Scientist, Department of Communicative Disorders, University of Florida 2003-04

Assistant Research Scientist, Department of Psychiatry, University of Florida 2004-06

Research Associate Scientist, Department of Behavioral Science & Community Health, University of Florida 2006- present

PROFESSIONAL AFFILIATIONS:

American Speech Language and Hearing Association

Speech Pathology Australia

Dysphagia Research Society

Stroke Society of Australasia

Florida Dysphagia Institute – Faculty

American Heart Association (Stroke Council)

PROFESSIONAL EXPERIENCE:

Minutes Secretary, Association of Australian Speech & Hearing (AASH WA Branch); 1988-91.

Member, Public Relations Committee, TASMANIA AASH 1986-87.

Member, (Australian Association of Speech & Hearing); 1986-96.

Member Working Party (WA Representative), Dysphagia National Standards SPA; 1992-3

Chairperson WA Dysphagia Interest Group; 1992-93

Member, Research Task group R&CP PORTFOLIO; 1998

Specialist Advisor, National Dysphagia Quality Assurance Project (QAP); 1997-98

Specialist Reviewer; Speech Pathology Australia National Dysphagia Position Paper; 1997-98.

Member – Dysphagia Research Society 1998 –2007

Council member Dysphagia Research Society 2005/06

Faculty - Florida Dysphagia Institute 1998 – 2003

Graduate Faculty Member- Master of Public Health program. Research & Graduate Programs University of Florida.

International Associate Member -American Association of Speech Language Pathology 2001/ 2002

Member -American Association of Speech Language Pathology- 2003-07

Stroke Council Professional member – American Heart Association 03/-07

**RESEARCH SUPPORT:
AWARDED RESEARCH GRANTS**

Principal Investigator - "Dysphagia in acute stroke: incidence progression & outcome" Sandoz Gerontological Foundation; 1992 /93. Total - \$AUD 10,000

Principal Investigator - "Dysphagia following acute stroke: incidence, clinical features and prognosis" Medical Research Foundation of WA; 1993 Total - \$ AUD \$28,000

Principal Investigator "Dysphagia following acute stroke: incidence, clinical features and prognosis" (additional grant); Medical Research Foundation of WA; 1994. Total - \$AUD 8,000

Principal Investigator - "Dysphagia following acute stroke: incidence, clinical features and prognosis" Medical Research Foundation (Royal Perth Hospital); 1994. Total- \$ AUD 7,000

Co-Principal Investigator - "A randomised controlled trial of dysphagia therapies for swallowing disorders following stroke", Medical Research Foundation of WA; 1995. Total - \$AUD 55,000

Principal Investigator - "A randomised controlled trial of dysphagia therapies for swallowing disorders following stroke" Australian Brain Foundation 1996 /97. Total - \$ AUD 8000

Co - Principal Investigator - "A randomised controlled trial of dysphagia therapies for swallowing disorders following stroke" Medical Research Foundation (Royal Perth Hospital) 1997 /98 Total -\$ AUD30,000

Principal Investigator - "Muscle composition and function for swallowing in Head / Neck Cancer patients undergoing Radiotherapy." University of Florida Research Opportunity Fund – Total -\$ USD 20,000

Center Investigator – VA Rehabilitation Outcomes Research Center (RORC). Funded 10% FTE for 2001/2002. Focus groups 2 / 3 proposed research into veterans with central nervous system damage.

Principal Investigator - (50%) "Muscle composition and function for swallowing in head / Neck cancer patients undergoing radiotherapy: a randomised Controlled trial of swallowing therapy" – Florida Biomedical Program Total \$ USD 375,774 Mann G, Crary M, Amdur R, Schmalfus I, Durning P.

Sub-Investigator – (10%) "Mechanisms of visceral and cutaneous heat hyperalgesia in the irritable bowel syndrome. Verne N - VA Merit Review Grant.

Co-Investigator – (25%) "The effect of mouthpieces design and inspiratory flow resistance at a fixed flow rate on pharyngeal dynamics: Correlation of MRI results with long distribution patterns as seen on ventilation nuclear medicine images" Schmalfuss. I - KOS grant.

Sub Investigator – (10%) – "Topiramate effects on SIB in Prader-Willi Syndrome" Shapira A- RO3 HD42818 NIH/NICHD grant.

Principal Investigator – (20%) Transportation and clearance of orally disintegrating preparations (ODT) in dysphagic patients" – Schwarz Pharma. Total \$ USD 31,009. Mann G, Crary M.

Co-Investigator - "Dysphagia and nutritional status following stroke: a pilot study" Total \$ USD 15,000. Crary M, Mann G, Silliman S, Merino J, Brott T.

Co-Investigator (20%)- Electrical Stimulation therapy in chronic dysphagic patients – Vital Stim Investigator Initiated Grant. Crary M, Mann G, Groher M, Bartlett C, Dubose C, McKay N.

Principle Investigator (50% FTE) Vital-Stim Investigator Initiated Grant “Electrical Stimulation- research facilitation” Carnaby –Mann (PI)

Co-Investigator (50%)- Electrical Stimulation therapy in chronic dysphagic patients – Vital Stim Investigator Initiated Grant Phase II. Crary M (PI)

CURRENT FUNDING

Principal Investigator (30%) Muscle Composition and Swallow Function following Radiation Therapy for Head and Neck Cancer: A Dose Response Study. American Cancer Society grant (Awarded March 2007) USD \$828,000 (2007-2011)

Principle Investigator (35%) A randomized trial of NMES vs. Traditional dysphagia therapy after stroke. R21 NIH/ NCMRR [R21HD054752-01A2] \$USD 275,000. (Awarded April 1, 2008-2010)

Co-Principal Investigator (20%) Dysphagia Intervention with Neuromuscular Electrical Stimulation for Swallowing. DINES- a multisite international trial. EMPI Investigator Initiated Grant

Principle Investigator (5%) PPHP Model Demonstration Grant 00073589: PPHP Head and Neck Cancer Survivor Project Proposal. (10/18/2007 -10/17/2008) \$USD 10,000

CURRENT GRANTS SUBMITTED:

PAST RESEARCH CONTRACTS

G.Carnaby - contract with Therabite Corporation – provision of Therabite appliances for subjects enrolled in the cancer research program. – Total USD \$7040

G. Carnaby- (50% FTE) contract with Encore Medical -Vital Stim branch for Education & Research support. (2005/06)

PATENTS

N.A. Shapira, G.Mann, Annis A, Goldsmith T. Methods to prevent or ameliorate medication-, procedure- or stress induced cognitive and speech dysfunction and methods to optimize cognitive and speech functioning. April 2003.

RESEARCH CONSULTANCY

Funded Consultant for NIDCD grant (5%) “Treatment of Dysphagia using the Mendelsohn Maneuver” – Gary. H McCullough Assistant Professor, College of Health Related Professions, UAMS Medical Center, AR - \$USD 170, 241. 2003-05.

Consultant for M.Crary: NIH: NINDS K 23 Award Application (4/1/03 - 3/31/07) – (5%) “Dysphagia and Nutritional Status in Acute Stroke” (2004).

Funded Consultant (5%) Deans grant- Neurology Shands/ UF. Jacksonville . Modification of the MASA for Stroke. Neurologists (2005).

Funded Consultant (5%) Prediction and preventions of post stroke complications. Institute for Clinical Research and Health Policy Studies. Tufts New England medical Center. NIH -RO1. (04-05)

RESEARCH CONSULTANCY: INTERNATIONAL

Research Supervisor: Nicola Clayton (University of Sydney Masters of Medical Science. student / Concord Hospital, Sydney Australia)

Research Supervisor: Melissa Chua (Singapore) –(La Trobe University, Melbourne , Master of Health Science student- Australia).

Consultant on Grant application (5%) - N.Clayton , A. Ing ,G.Mann “Medical Advances without animals MAWA Trust “The effect of chronic obstructive pulmonary disease on laryngopharyngeal sensitivity and swallowing function”

EDITORIAL REVIEW

Currently review articles for the following Journals;

Journal Reviewer for *Stroke* - a Journal of Cerebral Circulation 1998-2008

Journal Reviewer for “Dysphagia” 2001 –2008

Journal Reviewer for *Neurology* 2003-8

Archives of Phys, Med, Rehabilitation 2004-08

Journal Reviewer for *Head & Face Medicine* 2005-08

Journal Reviewer for *Clinical Neurology* 2007-8

PUBLICATIONS:

Mann G. Effectiveness and efficiency- state of the art in dysphagia rehabilitation after stroke. *Aust Comm Quarterly*. 1996; 4: 25-27.

Mann G, Hankey GJ, Cameron D Swallowing disorders following acute stroke: prevalence and diagnostic accuracy. *Cerebrovascular Diseases* 2000;10 (5); 380-386.

Mann G, Hankey GJ, Cameron D. Swallowing function after stroke: prognosis and prognostic factors at 6 months. *Stroke* 1999 Apr; 30:744-748.

Mann G, Hankey GJ, Cameron D. Swallowing function after stroke: prognosis and prognostic factors at 6 months. *ACP Journal Club* 1999.

Mann G., & Rehab & Aged Care Dietitian Special Interest Group. *Eating after Stroke*. Australian Brain Foundation, Hawthorn, Victoria.

Mann, G.D. Swallowing after Basal Ganglia Stroke. *National Dysphagia Quality Assurance publications*, Victoria, 1996.

Mann G, Hankey GJ. Initial clinical and demographic predictors of swallowing impairment following acute stroke. *Dysphagia* 2001, 16(3): 208-215

Mann, GD. Letter to the editor. Response -swallowing function after stroke: The function of multivariate models in prognostication. *Dysphagia*; 2002; 17(1): 81-82.

Mann GD How to distinguish between outcomes, effectiveness and efficacy studies in dysphagia research. Perspectives on Swallowing and Swallowing Disorders (Dysphagia). ASHA 2002, 11(2); 5-8.

Crary M, **Carnaby (Mann) G**, Groher M, Helseth, E. Functional benefits of dysphagia therapy using adjunctive sEMG biofeedback. Dysphagia. 2004; 19 (3): 160-164.

Carnaby G.D. (Mann). Simultaneous acquisition and analysis of novel swallowing behaviors: Pill swallowing. Kay Elemetrics -Application Note June 2004.

Dubose CM, Groher MG, **Mann GC**, Mozingo DW. (2005) Pattern of Dysphagia recovery after thermal burn injury. Burn Care Rehabil. May-Jun; 26(3):233-7.

Carnaby- Mann, G., Crary M. (2005).Pill swallowing in dysphagic adults. Arch Otolaryngol Head Neck Surg. 2005 Nov;131(11):970-5

Crary M, **Mann G**. Groher M (2005) Initial Psychometric Assessment of a Functional Oral Intake Scale for Dysphagia in Stroke Patients. Arch Pys Med Rehab 86 (8)1516-1520

McCullough G, Wertz RT, Rosenbek JC, McCoy S, **Mann GD**, McCullough K. Utility of clinical swallowing examination measures for detecting aspiration post-stroke. J Speech Lang Hear Res. 2005 Dec;48(6):1280-93.

Crary MA, **Carnaby (Mann) GD**, Groher ME Biomechanical correlates of surface electromyography signals obtained during swallowing by healthy adults. J Speech Lang Hear Res. 2006 Feb;49(1):186-93

Carnaby-Mann G, Hankey GJ, Pizzi J. Behavioural intervention for dysphagia in acute stroke: a randomised controlled trial. Lancet Neurology 2006;5:31-37

Husted D, Shapira N, Murphy T, Mann G, Ward H, Goodman W. Effect of comorbid tics on a clinically meaningful response to 8-week open-label trial of fluoxetine in obsessive compulsive disorder. : J Psychiatric Res Jul 20; 2006.

Storch, E. A., Murphy, T. K., Geffken, G. R., **Mann, G.**, Adkins, J., Merlo, L. J., Duke, D., Munson, M., Swaine, Z., & Goodman, W. K. (2006). Cognitive-Behavioral Therapy for PANDAS Related Obsessive-Compulsive Disorder: Findings from a Preliminary Wait-List Controlled Open Trial. Journal of the American Academy of Child and Adolescent Psychiatry, 45, 1171-1178.

Groher, M., Crary, M., **Carnaby (Mann) G.**, Vickers Z, Aguilar C. The impact of Rheologically controlled materials on the identification of airway compromise on the clinical and videofluoroscopic swallowing examinations. Dysphagia. 2006 Oct;21(4):218-25

Crary M, Mann G, Silliman S, Antonios N, Miller L. Dysphagia and Nutritional Status at the Time of Hospital Admission for Ischemic Stroke. Journal of Stroke and Cerebrovascular Diseases. (In press) 2006

Crary MA, **Carnaby Mann GD**, Groher ME. Identification of swallowing events from sEMG Signals Obtained from Healthy Adults. Dysphagia. 2007 Apr;22(2):94-9. Epub 2007 Feb 9.

Murphy T.K, Snider L.A., Mutch PJ, Harden E., Zaytoun A, Edge PJ, Storch E.A, Yang M, **Mann G**, Goodman W.K, & Swedo SE. Relationship of Movements and Behaviors to Group A Streptococcus Infections in Elementary School Children. Biol Psychiatry. 2007 Feb 1;61(3):279-84. Epub 2006 Nov 27.

Okun M., **Carnaby-Mann G**, Shapira A., Goodman, W. Internal Capsule and Nucleus Accumbens Region DBS: Responses Observed During Active and Sham Programming. J Neurol Neurosurg Psychiatry. 2007 Mar;78(3):310-4. Epub 2006 Sep 29.

Jeevanantham V, Shapira NA, Mann GD, et al. Can substance use predict gambling behavior? Biological Psychiatry 55: 121S-121S 434 Suppl. 8 Apr 15 2004.

Crary M, **Carnaby – Mann ,G** , Faunce A. Electrical stimulation therapy for Dysphagia: descriptive results of two surveys. *Dysphagia*. 2007 Jul;22(3):165-73. Epub 2007 Feb 22.

Carnaby-Mann G, Lenius K, Crary M. Update on Assessment and Management of Dysphagia Post Stroke. *Northeast Florida Medicine Journal* 2007, 58 (2):31-34.

Carnaby-Mann G., Crary M. (2007) Examining the evidence on NMES for swallowing: A meta – analysis. *Arch Otolaryngol Head Neck Surg*. 2007 Jun; 133(6):564-71.

Yoshida M, **Carnaby-Mann G**, Groher M, Crary M. Biomechanical correlates of the tongue press compared to the shaker maneuver for swallowing. *Gerodontology* 2007, 23: 1-6.

Storch E, Geffken G, Merlo L, **Mann.G**, Duke D, Munson M, Adkins J, Grabill K, Murphy T, Goodman W, Cognitive-Behavioral Therapy for Pediatric Obsessive-Compulsive Disorder: Comparison of Intensive and Weekly Approaches. *J Am Acad Child Adolesc Psychiatry*. 2007 Apr;46(4):469-78.

Carnaby-Mann G, Clayton N, Dubose C. Treatment and Management of Dysphagia in thermal burn and inhalation injury. *Perspectives on Swallowing and Swallowing Disorders (Dysphagia)*. ASHA 2007; 10:2-6.

Carnaby-Mann G., Crary M. (2008). Adjunctive Neuromuscular Electrical Stimulation for Treatment-Refractory Dysphagia *Ann Otol Rhinol Laryngol* 2008; 117: 279-287

Carnaby-Mann G, Crary MA. Electrical Stimulation for Swallowing Disorders: A methodological review of published papers *Perspectives on Swallowing and Swallowing Disorders (Dysphagia)*. ASHA 2008. (In press)

Antonios N, Carnaby-Mann G, Crary M, Behrouz R, Silliman S. (2008) Validation Of A Physician Administered Bedside Screen For Dysphagia Associated With Acute Ischemic Stroke; The Modified-Mann Assessment Of Swallowing Ability. *Cerebrovascular Disorders* (In Review)

Carnaby-Mann G., Crary M. (2008) Pharyngocise – a randomized controlled trial of swallowing intervention in head / neck cancer. *Cancer* (In review)

PAPERS IN PROGRESS

Preparation of Peer reviewed papers / presentations

1. Silliman S, Nader A, Carnaby-Mann G, Crary M. (2008) Determining the cut off for dysphagia following stroke. A cross validation of the NIHSS with the MASA. *Stroke* (In submission).
2. Carnaby-Mann, G.D. Improving the health of stroke survivors with swallowing impairment: a survey of general practitioners. *Medical Journal Australia* (2008)

BOOKS /CHAPTERS:

Author “ The Mann Assessment of Swallowing Ability” a clinical swallowing assessment battery for neurogenic dysphagia publication by Thompson / Delmar Learning (Singular) publishing 2001.

Crary MA, Mann G D. (2005) Chapter “Rehabilitation after Treatment for Head Neck Cancer” in *Cancer: Principles and Practice of Oncology*. 7th Eds Lippincott Williams & Wilkins Philadelphia PA.

Carnaby-Mann G, Lenius K. (2008) *The Bedside Examination in Dysphagia*. North American Clinics (in Press)

ABSTRACTS & POSTERS:

Mann G, Hankey GJ. Swallowing disorder in acute stroke: and the accuracy of clinical assessment compared with videofluoroscopy. Stroke Society of Australasia annual scientific meeting, programme and abstract book. 1995; abstract No 8.

Mann G, Hankey GJ. The incidence of swallowing disorders in acute stroke and the accuracy of clinical assessment compared with videofluoroscopy. J Clin Neuroscience. 1996; 3; 414.

Mann G, Hankey GJ. Swallowing function after acute stroke: prognosis over the first 6 months. Stroke Society of Australasia; Annual scientific meeting, programme and abstract book. 1996, 22.

Hankey GJ, **Mann G**. The incidence of swallowing disorders in acute stroke and the accuracy of clinical assessment compared with videofluoroscopy. Australian Association of Neurologists annual scientific meeting, programme and abstract book. 1996,3.

Mann G, Hankey GJ. Swallowing function after acute stroke: prognosis over the first 6 months. Cerebrovascular Diseases 1996; 6 (Suppl 2): 7.

Mann G, Hankey G. The incidence of swallowing disorders in acute stroke and the accuracy of clinical assessment compared with videofluoroscopy. Poster presented at the World Stroke Congress, Munich 1996.

Mann G, Hankey GJ. Swallowing function after acute stroke: prognosis over the first 6 months. J. Clinical Neuroscience 1997; 4 (3): 417.

Mann G, Hankey GJ, Baxter K, Davis B, Stewart- Wynne. Swallowing disorders following stroke: The size of the problem and a proposed rehabilitation programme. Poster presented at the Asia Pacific Consensus on Stroke Management, Melbourne Australia 26-29 October 1997.

Mann G, Hankey GJ, Baxter K, Davis B, Stewart- Wynne. Treatment for swallowing after acute stroke. A randomized controlled trial. Stroke Society of Australasia; Annual scientific meeting, programme and abstract book. 1997.

Mann G, Hankey GJ, Cameron D. Swallowing function after acute stroke: prognosis and prognostic factors at 6 months. Stroke 1998; 29: 318.

Mann G, Hankey G. Swallowing function after acute stroke: Prognosis and prognostic factors at six months. Poster presented at the 23rd International Joint Conference on Stroke and cerebral Circulation, Orlando, Florida, USA February 5-7, 1998.

Mann G, Hankey GJ. Treatment for swallowing disorders following acute stroke: a randomized controlled trial. Speech Pathology Australia Expanding Horizons Conference, programme and abstract book, 1998.

Mann G, Hankey GJ, Davis B, Stewart- Wynne E. Swallowing therapy after acute stroke study (STAASS): where are we now? Stroke Society of Australasia (SSA) Annual scientific meeting, programme and abstract book. 1998, p16 .

Mann G, Hankey GJ, Cameron D. Dysphagia after acute stroke: initial clinical predictors. Stroke Society of Australasia (SSA) Annual scientific meeting, programme and abstract book. 1998, p17.

Mann G. The Mann Assessment of Swallowing Ability (MASA)- a clinical assessment tool for the evaluation of swallowing disorders following stroke. 2nd Australasian Dysphagia Conference- concepts in clinical excellence. Melbourne, Australia. Programme and abstract book. 1998, p9.

Mann G, Hankey GJ, Baxter K, Davis B, Stewart Wynne E. Swallowing therapy after acute stroke: What are we measuring? 2nd Australasian Dysphagia Conference- concepts in clinical excellence. Melbourne, Australia. Programme and abstract book. 1998, p10.

Mann G, Hankey GJ. Dysphagia after acute stroke: Outcomes over the first 6 months. 2nd Australasian Dysphagia Conference- concepts in clinical excellence. Melbourne, Australia. program and abstract book. 1998, p11.

Mann G. Swallowing - looking down on an old problem. Mark Liverist Health Sciences Research Seminar programme and abstract book. 1998, p24 -25.

Mann G, Hankey G, Pizzi J, Davis B, Stewart- Wynne E. Swallowing therapy after acute stroke: preliminary results. Poster presented at the 8th European Stroke Congress, Venice 7-10 April, 1999.

Nathan A. Shapira*, Tanya K. Murphy, **Giselle D. Mann**, Herbert E. Ward, Wayne K. Goodman. Eight-week open-label trial of fluoxetine in OCD and the effect of co morbid tics. Poster presented at the ACNP conference October 2003.

Crary M, **Carnaby (Mann) G**, Groher M. Psychometric and biomechanical evaluation of sEMG correlates of normal swallowing. Poster presented at Dysphagia Research Society, San Francisco, October 2003

Dubose C, Groher M, **Mann G**, Mozingo D. Pattern of dysphagia following thermal burn injury. Poster presented at Dysphagia Research Society, San Francisco, October 2003

Jeevanantham V, Shapira NA, Mann GD, Ferguson MA, Frost-Pineda K, Gold MS. Can Substance Use Predict Gambling Behavior? Society for Biological Psychiatry, 22nd April 2004.

Carnaby (Mann) G, Crary M. Transportation and clearance of orally disintegrating preparations (ODT) in dysphagic patients. DRS Montreal October 2004.

Crary M, Carnaby-Mann G, Silliman S, Miller L. Dysphagia and Nutrition following acute stroke. International Stroke Conference, New Orleans, Feb 2005.

Carnaby – Mann ,G., Crary M. NMES for treatment refractory dysphagia: A case series report. Poster presented at the Dysphagia Research Society, Phoenix Arizona , March 2006

Crary M. Carnaby – Mann ,G , faunce A. Electrical Stimulation therapy for Dyshagia. Descriptive results of two surveys. Poster presented at the Dysphagia Research Society, Phoenix Arizona , March 2006.

Crary M., Carnaby-Mann G., Silliman S., Miller L. Dysphagia and Nutrition following acute stroke. Poster presented at the Dysphagia Research Society, Phoenix Arizona , March 2006

VanderWegen J, Guns C, Van Nuffelen G, DeBodt M, VandeHeyning P, **Carnaby G**. The reliability of the MASA dysphagia screening protocol compared to FEES for patients in an acute stroke unit. Poster presented at the Dysphagia Research Society, Phoenix Arizona, March 2006.

LaGorio L, **Carnaby-Mann, G**, & Crary, M. The Effects of NMES on Selected Voice Parameters: A Case Study. Poster presented at the annual ASHA convention, Miami, Florida November 2006.

Carnaby-Mann G, Crary MA. Amdur R, Schmalfuss I. Preventative exercise for dysphagia following head / neck cancer “Pharyngocise Study. Poster presented at the Dysphagia Research Society, Vancouver, March 8-10, 2007

Lagorio L, Crary MA, **Carnaby-Mann**, Effects of Bolus Type on Swallowing Physiology in People with Dysphagia. Poster presented at the Dysphagia Research Society, Vancouver, March 8-10, 2007

Antonios N, Carnaby-Mann G, Crary M, Behrouz R, Silliman S. Validation of a physician administered bedside screen for dysphagia associated with acute ischemic stroke; the Modified-Mann Assessment of Swallowing Ability. Poster presented at the International Stroke Conference, san francisco, feb 7-8, 2007

Silliman S, Silvers S, Carnaby-Mann G, Xavier A, Roberts D, Raper C, Dufeck S, Miller D, Brott T, Meschia J. Rise in Stroke Center rtPA Use in Jacksonville, Florida Following Implementation of the Florida Stroke Act. Poster presented at the International Stroke Conference, San Francisco, Feb 7-8, 2007

Behrouz R Carnaby-Mann, G Crary M, Silliman S. Scores within 5 NIHSS Categories the indicate presence of Dysphagia In Acute Ischemic Stroke. Poster presented at the International Stroke Conference, San Francisco, Feb 7-8, 2007

Lenius K, Crary m, Carnaby-Mann G. The relationship between lingual –palatal pressures and submental sEMG signals. Poster presented at the Dysphagia Research Society Meeting, Charleston SC, March 8-10, 2008.

PRESENTATIONS:

Draydon Y, **Mann G**. A multidisciplinary approach to the management of swallowing impairment. Paper presented at the National Dietetic conference, Hobart, Tasmania, 1991.

Mann G. Dysphagia in lateral medullary syndrome. Paper presented at the Australian Association of Speech & Hearing National conference, Melbourne, Victoria, 1992.

Mann G, Hankey G. Swallowing disorders in acute stroke: The accuracy of clinical assessment compared with videofluoroscopy. Paper presented at the Stroke Society of Australasia (SSA) conference, Melbourne, Victoria, October 4-6, 1995.

Mann G, Hankey G. Swallowing impairment following stroke: comparison of clinical assessment with videofluoroscopy. Paper presented at the National Neurology conference, Broome Western Australia, May 20-24, 1995.

Mann G, Hankey G. Swallowing disorders following acute stroke: Independent predictors at initial assessment. Paper presented at the Combined Australian and New Zealand Speech Language Pathology National conference, Auckland, New Zealand, April 22-25, 1996.

Mann G, Hankey G. The incidence of swallowing disorders in acute stroke and the accuracy of clinical assessment compared with videofluoroscopy. Paper presented at the Joint 3rd World Stroke Congress and 5th European Stroke Conference, Munich, Germany, Sept 1-4, 1996.

Mann G, Hankey G. Swallowing function after acute stroke: prognosis over the first 6 months. Paper presented at the Joint 3rd World Stroke Congress and 5th European Stroke Conference, Munich, Germany, Sept 1-4, 1996.

Mann G. Dysphagia - ethical dilemmas. Paper presented at the 1st National Dysphagia Symposium, Sydney, New South Wales, Sept 3 -6, 1996.

Mann G, Hankey G. Swallowing function after stroke: Prognosis over the first six months. Paper presented at the Stroke Society of Australasia (SSA) conference, Adelaide, South Australia, October 4-6, 1996.

Mann G, Hankey GJ. Treatment for swallowing disorders following acute stroke: A randomized controlled trial. Paper presented at the Stroke Society of Australasia (SSA) conference, Singapore, October 22-24, 1997.

Mann G. Swallowing: more than just a pain in the neck. Paper presented to the Western Australian Annual Dietetics Association Meeting, Perth, Western Australia, November 8, 1997.

Mann G, Hankey GJ, Baxter K, Davis B, Stewart Wynne E. Treatment for dysphagia following acute stroke: A randomized controlled trial. Paper presented Speech Pathology Australia National Conference- Expanding Horizons, Perth 1998.

Mann G, Hankey GJ, Davis B, Stewart- Wynne E. Swallowing therapy after acute stroke study (STAASS): where are we now? Paper presented at the Stroke Society of Australasia (SSA) conference, Perth, Western Australia, October 1-3, 1998.

Mann G, Hankey GJ, Cameron D. Dysphagia after acute stroke: initial clinical predictors. Paper presented at the Stroke Society of Australasia (SSA) conference, Perth, Western Australia, October 1-3, 1998.

Mann G. The Mann Assessment of Swallowing Ability (MASA)- a clinical assessment tool for the evaluation of swallowing disorders following stroke. Paper presented at the 2nd Australasian Dysphagia Symposium, Melbourne, Victoria, October 4-7, 1998.

Mann G, Hankey GJ, Baxter K, Davis B, Stewart Wynne E. Swallowing therapy after acute stroke: What are we measuring? Paper presented at the 2nd Australasian Dysphagia Conference, Melbourne, Victoria, October 4-7, 1998.

Mann G, Hankey GJ. Dysphagia after acute stroke: Outcomes over the first 6 months. Paper presented at the 2nd Australasian Dysphagia Conference, Melbourne, Victoria, October 4-7, 1998.

Mann G. A model of control processes for the swallowing mechanism. Curtin University of Technology, School of Speech & Hearing Science Annual Conference, Perth Western Australia, 2nd November, 1998.

Mann G. Swallowing - looking down on an old problem. Paper presented at the Mark Liverist Health Sciences Research Seminar, Curtin University, Perth 1998.

Mann G. Endoscopic assessment of swallowing functions. Paper presented at the Florida Association of Speech language Pathologists and Audiologists Orlando Fl, USA, 25-28, May 2000.

Mann G. Treatment for hemisphere stroke Paper presented at the Florida Dysphagia Institute, Orlando, Fl USA, June 2000.

Mann G. Treating dysphagia in TBI adults. Paper presented at the Florida Dysphagia Institute, Orlando Fl USA, June 2000.

Rosenbek J, **Mann G**. What we think we know about dysphagia treatment in stroke; and what the data tell us. Florida Neurogenic Network Meeting, Marco Island, August 15 –17 2000.

Crary M.A, **Mann G**, Endoscopic Assessment of swallowing- introductory course. Workshop presented at the University of Florida, USA, 15-17 February 2001

Mann G. Characteristics of a comprehensive clinical exam. Paper presented at the Florida Dysphagia Institute, Orlando Fl USA, July 2001.

Mann G. Nutrition Post Stroke. Paper presented at the Florida Dysphagia Institute, Orlando Fl USA, July 2001.

Mann G. Multidisciplinary Outcome Measurement. Paper presented at the Florida Dysphagia Institute, Orlando Fl USA, July 2001.

Mann G. Swallowing therapy in head / neck cancer. Paper presented at the Florida Dysphagia Institute, Orlando Fl USA, July 2001.

Mann G. Patients as Teachers. Paper presented at the Florida Dysphagia Institute, Orlando Fl USA, July 2001.

Mann G.D. Advances in Stroke Treatments. Workshop presented at the *No Easy Answers Stroke Conference*. Minneapolis USA, Sept 28th 2001

Mann GD. Endoscopic Assessment of swallowing functions: short course. Workshop presented for Restore therapy. Birmingham Alabama 16th March 2002.

Mann G.D. Whole body / small muscle exercises. Paper presented at the Florida Dysphagia Institute, Orlando Fl USA, July 2002.

Mann G.D. Patient satisfaction in dysphagia treatment. Paper presented at the Florida Dysphagia Institute, Orlando Fl USA, July 2002.

Mann G.D. Chin down / head turn maneuvers for swallowing rehabilitation. Paper presented at the Florida Dysphagia Institute, Orlando Fl USA, July 2002.

Mann G. Dysphagia management update: where are we now. 2 day workshop. Linguacare Associates, Inc. Charleston, WV, Sept. 28-29th, 2002.

Mann G, Crary M. Clinical applications of the Kay swallowing workstation. 2-day workshop. Kay elemetrics corporation. New Jersey, NY, October 24 – 25, 2002.

Mann G. The clinical dysphagia examination. Papers presented at St Joseph's regional Medical center and Seton Hall University conference. Adult Dysphagia: improving upon what we know. October 26th, 2002.

N.A Clayton ,M.J Peters, **G.Mann**, A.J. Ing. The effect of chronic obstructive pulmonary disease (COPD) on Laryngopharyngeal sensitivity” – paper presented to American Thoracic Society Meeting 2003.

N.A Clayton ,M.J Peters, **G.Mann**, A.J. Ing. Impaired laryngopharyngeal sensitivity in patients with chronic obstructive pulmonary disease (COPD): its relationship to swallowing function”. Paper presented to Speech Pathology Australia Conference, 2003.

Carnaby (Mann) G. Laryngopharyngeal reflux and dysphagia. Paper presented at the Florida Dysphagia Institute, Orlando Fl USA, July 2003.

Carnaby (Mann) G. MASA: Mann Assessment of Swallowing. . Paper presented at the Florida Dysphagia Institute, Orlando Fl, USA, July 2003.

Carnaby (Mann) G. A Difficult Case Study. . Paper presented at the Florida Dysphagia Institute, Orlando Fl USA, July 2003.

Carnaby (Mann) G. Introduction to endoscopic assessment of swallowing. Workshop presented in Orlando Fl, October 25th 2003

Carnaby (Mann) G. Functional Interpretation of clinical and instrumental evaluations: Beyond the basics. Workshop presented in San Francisco Oct 31st-Nov 1st 2003.

Crary, M., Carnaby-Mann, G., LaGorio, L. & Faunce, A. (May 2006). “NMES in Dysphagia: Research Evidence,” Seminar presented at the annual Florida Speech and Hearing Association (FLASHA) convention, Orlando, Florida.

Crary MA, Carnaby-Mann G. Student Forums for research. Paper presented at the FLASHA State conference, Marco Is, Florida 25th May 2007.

INVITED PRESENTATIONS

NATIONAL

Mann G.D Swallowing recovery after acute stroke. Paper presented at the Dysphagia Research Society Meeting. Miami 3-5th October 2002

Mann G.D M.A.S.A The Mann Assessment of Swallowing Ability. Paper presented at the Dysphagia Research Society Meeting. Miami 3-5th October 2002

Mann G. Evidenced based practice in Speech Language Pathologist's management of dysphagia following stroke. 28th International Stroke Conference. American Stroke Association, Phoenix, Arizona, Feb 13-15, 2003.

Mann G. Muscle composition and function for swallowing. Paper presented at the UF College of Health Professions Advisory Board meeting. October 11th 2002.

Mann G. The Mann assessment of swallowing ability: a new tool to face old challenges. University of Rochester Medical Center at Strong Memorial Hospital, August 16, 2003.

Mann G. Evaluation of Dysphagia. 24th Annual Neurorehabilitation Conference on Traumatic brain Injury and stroke, Braintree Rehabilitation Hospital, Boston, Sept 2003.

Mann G. Efficacy in Dysphagia Management. 24th Annual Neurorehabilitation Conference on Traumatic brain Injury and stroke, Braintree Rehabilitation Hospital, Boston, Sept 2003.

Mann, G. Clinical assessment of swallowing function Paper presented at Dysphagia Research Society, San Francisco, October 2003

Mann G . The Mann Assessment of Swallowing Ability. Paper presented at Crozer Chester "New approaches in the transdisciplinary management of stroke across the continuum of care" conference. Upland Philadelphia, PA, November 7th 2003.

Mann G. Assessment and Management of Dysphagia. Paper presented at MSHLA state professional meeting. Bangor, Maine, April 1 – 3rd 2004.

Carnaby- Mann G. Muscle Rehabilitation : Its Role in Dysphagia. Paper presented at the PASLP state professional meeting. Philadelphia PA. March 30th 2005

Carnaby Mann G. Research in a clinical Setting. Workshop presented to the SERN network meeting. Atlanta, GA January 21st 2006.

Carnaby-Mann G . NMES for dysphagia. Update and new horizons. Paper presented to the JASPA meeting Jacksonville, FL, April 11th 2006.

Carnaby-Mann G. Dysphagia intervention. Paper presented to the MACDG meeting .St Louis Missouri, 2006 April 22nd.

Carnaby –Mann G Traditional and New Horizons in dysphagia . Two day workshop and presentation. Hawaii Speech and Hearing Association National Conference. O'AHU, Hawaii April 26-28, 2006.

Carnaby-Mann G .Evidence Based Dysphagia Therapy. 1st Annual Vital Stim Provider Conference to be held on Sept 9-10, 2006 in Orlando FL.

Carnaby-Mann G. Single case Study Designs 1st Annual Vital Stim Provider Conference to be held on Sept 9-10, 2006 in Orlando FL.

Carnaby- Mann G. Interpreting research in Dysphagia. 1st Annual Vital Stim Provider Conference to be held on Sept 9-10, 2006 in Orlando FL.

Carnaby-Mann G. Standardized approaches to screening dysphagia. Paper presented at the Florida Speech Language Association meeting, Marco Is, Fl 25th May, 2007.

Carnaby- Mann G. Preventative strategy for dysphagia following head / neck cancer. Paper presented to the ACS Florida chapter meeting 2008

Robbins J, Kind A, Hinchey J, Carnaby-Mann G, Martino R. "Critical junctures across the care continuum: Implications for dysphagia management". Seminar presented Dysphagia Research Society, Charelston NC, March 8-10 , 2008

INTERNATIONAL

Mann G, Crary M.A. Dysphagia & Nutrition following stroke: a review Paper presented at the Stroke Society of Australasia Scientific Meeting Auckland, Sept 5 – 8th 2001

Crary MA, **Mann GD**. Endoscopic Assessment of swallowing Disorders: A short course. Singapore General Hospital, March 7-8 2003.

Mann G. HMDP Singapore General Hospital Health Service. Invited presentation. Management of voice and swallowing following Head / Neck cancer. Singapore, February 9th-20th , 2004.

Mann G. Evaluation and treatment of swallowing disorders: a teaching course. Dhahran, Saudi Arabia. May 20 – 27th, 2004

Carnaby-Mann G Evaluation of Dysphagia – MASA. Brussels / Antwerp Nov 11th 2005

Carnaby-Mann G Electrical stimulation for swallowing. Paris, France Nov 20th 2005.

Carnaby-Mann G . Preventative exercise for dysphagic following head / neck cancer. Paper presented at the EGDG meeting in Malmo Sweden , October 13th 2006.

Carnaby-Mann G. MES Outcomes: Functional & Physiological. Paper presented at the EGDG meeting in Malmo Sweden , October 14th 2006.

Crary M, **Carnaby -Mann G** . Electrotherapy for Dysphagia : An emerging treatment technique. Ap paper presented at the Peter Mac Cancer Center, Victoria, Australia July 6th 2006.

Crary M, **Carnaby- Mann G** . Electrotherapy for Dysphagia : An emerging treatment technique. Ap paper presented at the Concord Hospital NSW Australia July 5th 2006.

Crary M, **Carnaby-Mann G** . Electrotherapy for Dysphagia : Paper presented at the Sir Charles Gairdner Hospital Perth WA Australia July 12th 2006.

Carnaby-Mann G. Standardized approaches to screening and evaluation of dysphagia. Paper presented at the London Royal Free Hospital Speech Pathology Conference, London UK, 7th June 2007.

Carnaby-Mann G. Principles of exercise and application to dysphagia treatment. Paper presented at the London Royal Free Hospital Speech Pathology Conference, London UK, 8th June 2007.

PEER REVIEWED PRESENTATIONS

Mann G, Crary M, Rosenbek J Groher M. Swallowing After Acute Stroke. Paper presented at the ASHA National Conference, Washington DC; Nov 2000.

Plowman E, Crary M, **Mann G**. The role of afferent stimuli on the normal swallow system. Paper presented at the Dysphagia Research Society Meeting. Albuquerque 11-14th October 2001

Mann G., Plowman E. Reliability and validity of sEMG traces: How well do we identify traces. Paper presented at the ASHA National Conference, New Orleans; Nov 2001.

Plowman E, Crary M, **Mann G**. Effects of Taste, Volume, & Age on normal sEMG activity. Paper presented at the ASHA National Conference, New Orleans; Nov 2001.

Mann G.D. Swallowing therapy after acute stroke study. Paper presented at the Dysphagia Research Society Meeting. Albuquerque 11-14th October 2001

Vinodh J, Shapira N, Mann G, Ferguson M, Frost-Pineda K, Gold M. Can Substance Use Predict Gambling Behavior? Paper presented Society of Biological Psychiatry meeting, San Francisco, May 15-17, 2004.

Vinodh J, Shapira N A., Mann G., Ferguson MA, Frost-Pineda K, Gold M. Is there a Genetic Predisposition for High risk Gambling Behavior? Paper presented Society of Biological Psychiatry meeting, San Francisco, May 15-17, 2004

Carnaby (Mann) G. Muscle composition and function for swallowing. Paper presented at the ASHA national conference, Philadelphia November 2004.

Carnaby (Mann) G. Electrical Stimulation for swallowing. Paper presented at the ASHA national conference, San Diego November 2005

Crary MA, Carnaby-Mann G, Gorher G, Lenius K, Lagorio L. Exercise, sEMG biofeedback, electrical stimulation: Principles & practices Seminar presented at the ASHA national conference, Miami November 2006.

TEACHING:

Session Lecturer in Otolaryngology & Swallowing Disorders; Curtin University; 1989-92.

Clinical Supervisor and Sessional Lecturer -Joint Hospital / University position; Curtin University; 1992-94

Clinical Supervisor and lecturer; Curtin University, School of Speech & Hearing Science; 1995-1999. Adult and Pediatric.

Part Time lecturer - Dysphagia & Voice Specialty Course – Undergraduate Honors by Thesis; Curtin University, School of Speech & Hearing Science; 1998

Development and Teaching of a Graduate level course. Evidence Based Approach to Research: Epidemiology Core elective for the University of Florida RSD / MPH- clinical investigation / APPCI program. UF College of Medicine, 2001-2003.

Development and Teaching (Spring / Fall 2008). “Research Methods” Core Graduate Level Course: Masters of Public Health. University of Florida MPH, Dept of Behavioral Science & Community Health.

STUDENT SUPERVISION;

PhD Mentor (2004) – University of Florida Rehabilitation Science Doctorate. Student: Roberta Pineda: “Development and Validation of a Post natal Feeding Assessment.”

International Research Supervisor (2005-2008): Nicola Clayton (University of Sydney Masters of Medical Science. student / Concord Hospital, Sydney Australia)

International Research Supervisor (2006-8): Melissa Chua (Singapore) –(La Trobe University, Melbourne , Master of Health Science student- Australia).

PhD Committee Member (2007-8) – University of Florida Rehabilitation Science, Doctorate. Student: L. Lagorio

PhD Mentor & Committee Member (2008) – Florida State University Communication Disorders Doctoral Student:

Undergraduate Honors Mentor /Supervisor (2007-8):

J. Wooster: Thesis entitled “The Relationship between Dysphagia and Diabetes Post-stroke”.

T Sterlicchi: Thesis entitled “ A Comparison of Pill and Paste Bolus Swallowing In Adults with Dysphagia”.

Shalom Hernandez: Thesis entitled “Head and Neck Cancer & Dysphagia”

OTHER ACHEIVEMENTS:

Co- Author of a publication series for the Australian Brain Foundation entitled “Eating after Stroke”. Information brochures for caregivers (1996).

Author of a paper for the Dysphagia Quality Assurance project (professional development) . A peer review/teaching package for speech pathologists. Paper entitled “Dysphagia following basal ganglia CVA.” 1996 – 1999.

Sessional Lecturer in Head & Neck Anatomy - Anatomy & Kinesiology, for Curtin University, School of Occupational Therapy, 1999.

Author of position statement on “*Working with Older People*” for Speech Pathology Australia.1999.

Certified Provider of Vital Stim Therapy- Neuromuscular Electrical Stimulation for the treatment of dysphagia and related muscle disorders. (December 5th 2003)

Invited Consultant - Stroke Canada Optimization of Rehabilitation by Evidence (SCORE) project: expert consensus panel meeting to develop National Best Practice Recommendations for Assessment of Risk of falls, depression, dysphagia, and skin breakdown for patients after Stroke. March 24- 26, Montreal 2004.

Program Developer of Governor J. Bush legislative initiative “Teen Suicide Prevention for Florida 2005”.

American Heart Association –National Stroke Council member 2003 –08

Consultant on Dysphagia Education and Research - Schwartz Pharmaceuticals 2003-06.

Research Consultant and the developer of an educational grants program in Dysphagia (2006-8) for Encore Medical (Chattanooga group).Entitle “Vital Stim Small Grants Program in Dysphagia”

Student focus seminar developed and presented FLASHA meeting, Marco Is, Florida ,25th May 2007. Presentation forum for graduate level students and young researchers.

Thesis examiner. PhD .C. Langdon Thesis entitled “*Pneumonia in Acute Stroke:What are the clinical and demographic factors?*” College of Public Health, Curtin University, Western Australia.