

Curriculum Vitae

Luc De Nil
Ph.D.

A. Date Curriculum Vitae is Prepared: 2012 June 5

B. Biographical Information

Primary Office	University of Toronto Rehabilitation Sciences Building 160-500 University Avenue Toronto, Ontario, Canada M5G 1V7
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1. EDUCATION

Degrees

1984 - 1988	PhD, Communication Disorders and Sciences, Southern Illinois University at Carbondale, Carbondale, Illinois, United States, Supervisor(s): Gene J. Brutton
1978 - 1980	Licentiate, Orthopedagogical Sciences, Catholic University of Leuven, Belgium, Supervisor(s): A. Schaerlaekens
1975 - 1978	Candidate, Pedagogical Sciences, Catholic University of Leuven, Belgium

Postgraduate, Research and Specialty Training

1988 - 1990	Postdoctoral Research training, Speech and Motor Control Laboratories, Waisman Center, University of Wisconsin, Madison, Wisconsin, United States
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Qualifications, Certifications and Licenses

2000 Jul - 2010 Jun	Registered Speech-Language Pathologists, College of Audiologists and Speech-Language Pathologists, Ontario, Canada, 1321
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2. EMPLOYMENT

Current Appointments

2012 - present	Vice Dean - students, Graduate Studies, University of Toronto, Toronto, Ontario, Canada
2008 - present	Professor, Speech-Language Pathology, Faculty of Medicine, University of Toronto, Canada
2005 - present	Adjunct Scientist, Research Institute, The Hospital for Sick Children, Canada
1999 - present	Affiliated Scientist, Toronto Western Research Institute, Canada
1999 - present	Visiting Professor, Department of Experimental ORL, Catholic University of Leuven, Belgium

Previous Appointments

HOSPITAL

1998 - 1999 Associate Member, Playfair Neuroscience Research Unit, Toronto Western Hospital, Canada
1980 - 1984 Orthopedagogue, Center for Speech and Hearing Rehabilitation and School for the Deaf, Gent, Belgium

RESEARCH

1991 - 1999 Research Associate, Department of Speech Pathology, Toronto Hospital - Western Division, Toronto, Canada
1988 - 1990 Research Associate, Speech and Motor Control Laboratories, Waisman Center, University of Wisconsin, Madison, Wisconsin, United States
1984 - 1985 Research Associate, Department of Communication Disorders and Sciences, Southern Illinois University at Carbondale, Carbondale, Illinois, United States

UNIVERSITY

2009 - 2011 Executive Chair, Faculty of Medicine, University of Toronto, Canada
2004 - 2006 Executive Chair, Rehabilitation Science (Graduate), Faculty of Medicine, University of Toronto
2001 - 2011 Chair, Speech-Language Pathology, Faculty of Medicine, University of Toronto, Canada
2000 - 2001 Acting chair, Speech-Language Pathology, Faculty of Medicine, University of Toronto
1990 - 1993 Associate Member - Limited Term, Graduate Studies, University of Toronto, Canada

UNIVERSITY - RANK

1995 - 2008 Associate Professor, Speech-Language Pathology, Faculty of Medicine, University of Toronto, Canada
1990 - 1995 Assistant Professor, Speech-Language Pathology, Faculty of Medicine, University of Toronto, Canada
1989 Lecturer, University of Wisconsin, Whitewater, Wisconsin, United States

OTHER

1981 - 1983 Associate Behaviour Therapist, Belgian Association of Behavior Therapy, Belgium

3. HONOURS AND CAREER AWARDS

Distinctions and Research Awards

INTERNATIONAL

Received

2011 - 2011 Jul American Speech-Language-Hearing Association. (Fellow)

OTHER

Received

2000 **International Fluency Association Pioneer Award**
1999 **First listing in Canadian Who's Who**, Canadian Who's Who, Canada. (Distinction)
1989 **Outstanding Dissertation Award**, Southern Illinois University at Carbondale, Carbondale, Illinois, United States.

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- 1987 - 1988 **Dissertation Research Award**, Southern Illinois University at Carbondale, Carbondale, Illinois, United States.
- 1986 **Elected member**, Phi-Kappa-Phi Honor organization
- 1985 - 1987 **Doctoral Fellowship**, Southern Illinois University at Carbondale, Carbondale, Illinois, United States. (Research Award)
- 1982 **National Laureate of the Governmental Thesis Award contest**, Belgium.

4. PROFESSIONAL AFFILIATIONS AND ACTIVITIES

Professional Associations

- 2006 - present **Member**, European Consortium for Specialization in Fluency
- 1999 - present **member**, Ontario Association of Speech-Language Pathologists and Audiologists
- 1998 - present **member**, Organization of Human Brain Mapping
- 1994 - present **member**, Canadian Association of Audiologists and Speech-Language Pathologists of Ontario
- 1992 - present **member**, Special Interest Division 4 (Fluency) - American Speech, Language, Hearing Association
- 1991 - present **Charter member**, International Fluency Association
- 1984 - present **member**, American Speech, Language and Hearing Association
- 1999 - 2002 **President and Past-President**, International Fluency Association
- 1993 - 2000 **Treasurer**, Organizing Committee of the World Congresses on Fluency Disorders
- 1993 **Member of the Scientific Convention Program Committee Speech Disorders 1 (Fluency)**, American Speech, Language and Hearing Association
- 1991 - 1993 **Executive Board Member**, International Fluency Association
- 1988 - 1994 **member**, Acoustical Society of America

Administrative Activities

University of Toronto

- 2012 Apr - present **Vice Dean**, School of Graduate Studies
- 2009 - present **Member**, Graduate Education Committee
- 2007 - present **Member**, Space Committee, Faculty of Medicine
- 2001 - present **Member**, Committee of Principals, Deans, Academic Directors and Chairs
- 2001 - present **Chair**, Faculty of Medicine, Dept of Speech-Language Pathology
- 2009 **Vice Chair (Research)**, Rehabilitations Sciences Sector, Faculty of Medicine
- 2007 - 2008 **Member**, Rehabilitation Sciences Restructuring Taskforce
- 2006 **Member**, Taskforce on Dean's Office Restructuring School of Graduate Studies
- 2005 - 2006 **Chair**, Hospital University Education Committee – Rehab.
- 2004 - 2007 **Member**, Committee on Academic Policies and Programs
- 2004 - 2006 **Executive Chair**, Rehabilitations Sciences Sector, Faculty of Medicine
- 2004 - 2006 **Executive Chair**, Rehabilitation Sector
- 2004 - 2006 **Member**, Faculty of Medicine Research Awards Committee
- 2004 - 2005 **Chair**, Unit 5 restructuring taskforce, Faculty of Medicine, Dept of Speech-Language Pathology
- 2004 **Member**, School of Graduate Studies – Search Committee Associate Dean

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2002 - 2005 **Member**, Hospital University Education Committee – Rehab
2001 - 2011 **Chair**, Senior Advisory Committee, Faculty of Medicine, Dept of Speech-Language Pathology
2001 - 2011 **Member**, Clinical Chairs, Faculty of Medicine
2001 - 2011 **Member**, All Chairs, Faculty of Medicine
2001 - 2009 **Member**, Academic Board
2001 - 2002 **Member**, Dean’s Task Force on Academic Promotions
2001 - 2002 **Member**, Rehab Sector User Committee
2000 - 2011 **Member**, Rehab Sector Council of Chairs Committee
2000 - 2011 **Member**, Promotions Committee, Rehabilitation Sector, Faculty of Medicine
2000 - 2001 **Acting Chair**, Faculty of Medicine, Dept of Speech-Language Pathology
1999 - 2001 **Member**, Faculty Council Agenda Committee, Faculty of Medicine
1999 - 2001 **Chair**, Research Committee, Faculty of Medicine
1999 - 2001 **Member**, School of Graduate Studies Task Force for the Restructuring of Neuroscience at the University of Toronto
1999 - 2001 **Member**, University Tribunal
1999 - 2000 **Member**, Computer Committee, Faculty of Medicine, Dept of Speech-Language Pathology
1997 - 2001 **Member**, Dean’s Advisory Committee on Graduate Education, Faculty of Medicine
1997 - 1999 **Member**, Faculty Search Committee, Faculty of Medicine, Dept of Speech-Language Pathology
1997 - 1998 **Member**, Career Symposium Day Committee, Faculty of Medicine
1997 - 1998 **Chair**, Career Symposium Day Committee – Workshop Subcommittee, Faculty of Medicine
1996 - 2010 **Member**, Program in Neuroscience Executive Committee
1996 - 1999 **Member**, Informatics Committee, Faculty of Medicine
1996 - 1997 **Member**, Faculty Tenure Review Committee, Faculty of Medicine, Dept of Speech-Language Pathology
1995 - 2001 **Coordinator**, Graduate Studies, Faculty of Medicine, Dept of Speech-Language Pathology
1995 - 2001 **Chair**, Examination Committee, Faculty of Medicine, Dept of Speech-Language Pathology
1995 - 2001 **Member**, School of Graduate Studies, Executive Committee Division IV
1995 - 1999 **Member**, Research Committee, Faculty Council, Faculty of Medicine
1995 - 1999 **Member**, Internal Grant Review Committee, University of Toronto Research Office
1995 - 1997 **Member**, Coordinator of Graduate Studies Committee, Faculty of Medicine
1995 - 1996 **Member**, Nomination Committee Associate Dean, School of Graduate Studies
1994 - 2001 **Member**, Senior Advisory Committee, Faculty of Medicine, Dept of Speech-Language Pathology
1994 - 1998 **Chair**, M.Sc./Ph.D. Committee, Faculty of Medicine, Dept of Speech-Language Pathology
1994 - 1998 **Member**, Curriculum Committee, Faculty of Medicine, Dept of Speech-Language Pathology
1993 - 2001 **Chair**, Comprehensive Examinations Committee M.H.Sc., Faculty of Medicine, Dept of Speech-Language Pathology
1993 - 1998 **Member**, Resource Committee, Faculty of Medicine, Dept of Speech-Language Pathology
1993 - 1994 **Member**, Faculty Search Committee, Faculty of Medicine, Dept of Speech-Language Pathology

Westpark Healthcare Centre

2010 - present **Chair**, Quality Committee, Ontario, Canada.
2008 - present **Member**, Research and Education Council
2005 - present **Director**, Board of Directors

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2005 - 2010 **Director**, Patient Care Committee

College of Audiologists and Speech-Language Pathologists of Ontario

2008 - present **Member**, Speech-Language Pathology Advisory Group

2008 - present **Member**, Council Member

2006 - present **Member**, Registration Committee Member

Other Organizations

2006 - present **Member**, Steering group of the European Clinical Specialization Course on Fluency and Fluency Disorders

The Speech & Stuttering Institute

2003 - present **Director**, Board of Directors

International Fluency Association

1991 - present **Charter member**

2001 - 2002 **Past President**

1999 - 2001 **President-Elect**

1991 - 1993 **Member (Treasurer)**, Executive Board

Ontario Association of Speech-Language Pathologists and Audiologists

1999 - present **Member**

1991 - 1993 **Member**

Organization for Human Brain Mapping

1998 - present **Member**

Canadian Association of Speech-Language Pathologists and Audiologists

1994 - present **Member**

College of Speech-Language Pathology and Audiology of Ontario

1994 - present **Registered member (Academic)**

American Speech, Language, and Hearing Association

1992 - present **Member**, Special Interest Division on Fluency and Fluency Disorders

1984 - present **Member**

Ontario Council of University Programs in Rehabilitation Sciences

2007 - 2009 **Chair**

2006 - 2011 **Member**, Taskforce On Clinical Education

2005 - 2007 **Vice Chair**

Canadian Accreditation Council of University Programs in Speech-Language Pathology and Audiology

2005 - 2011 **Chair**, Secretariat

Toronto Rehabilitation Institute

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2004 - 2010 **Member**, Research Advisory Board

Canadian Council of University Programs in Communication Sciences and Disorders

2008 - 2009 **Chair**

2004 - 2006 **Chair**

Ontario Council of Graduate Studies

1999 - 2000 **External University Program Reviewer**

Third World Congress on Fluency Disorders

1998 - 2000 **Treasurer**, Denmark.

Second World Congress on Fluency Disorders

1995 - 1997 **Treasurer**, San Francisco, United States.

First World Congress on Fluency Disorders

1993 - 1994 **Treasurer**, Muenchen, Germany.

Acoustical Society of America

1988 - 1994 **Member**

American Speech-Language-Hearing Association

1993 **Member**, Scientific Convention Program Committee Speech Disorders 1 (Fluency)

Peer Review Activities

EDITORIAL BOARDS

Editor

2005 - present Elsevier Publishing, Journal of Communication Disorders

1995 - 2000 International Fluency Association Newsletter

Associate Editor

2000 - 2003 Journal of Speech, Language and Hearing Research

1994 - 2002 Journal of Fluency Disorders

Editor-in-Chief

2006 - present Journal of Communication Disorders

Member

2006 - present Asia Pacific Journal of Speech, Language and Hearing

1991 - present Journal of Clinical Speech & Language Studies

Research Editor

1995 - 2006 Canadian Association of People who Stutter (CAPS) Newsletter

GRANT REVIEWS

External Grant Reviewer

2004 - present Foundation for Scientific Research (Belgium)

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Ad-hoc member – study section (grant review panel)

2004 - present National Institutes of Deafness and Other Communication Disorders (NIH)

Grant Reviewer

1998 - present National Health and Medical Research Council of Australia

1992 The Parkinson Foundation of Ontario

1992 Hospital for Sick Children

Member

2008 - 2011 CIHR Allied Health Professionals, New Investigator Award Committee

2006 - 2010 CIHR Allied Health Professionals, Fellowships Awards Committee

1994 - 1999 University of Toronto, Research Services Internal Grant Review Committee

MANUSCRIPT REVIEWS

Book Reviewer

1990 University of Alberta Press, Edmonton, Canada

Editorial Reviewer

1990 - present Journal of Fluency Disorder

1990 - present Folia Phoniatica

1990 - present Brain

1990 - present Cleft Palate Journal

1990 - present American Journal of Speech-Language Pathology

1990 - present The Journal of Speech-Language Pathology and Audiology

1990 - present Journal of Speech, Language and Hearing Research

1990 - present Journal of the Acoustical Society of America

Other Research and Professional Activities

THESIS PROJECT

1984 - 1988 Temporal aspects of young stutterers' and nonstutterers' fluent speech: An acoustic analysis. Southern Illinois University at Carbondale, Carbondale, Illinois, United States. Supervisor(s): Gene J. Bruttén

1978 - 1980 A comparative study of some aspects of the language development of mildly retarded and normal children. Catholic University of Leuven, Belgium. Supervisor(s): A. Schaerlaekens

C. Research Funding

1. GRANTS, CONTRACTS AND CLINICAL TRIALS

PEER-REVIEWED GRANTS

FUNDED

2010 - 2012 **Co-Investigator.** Relationship between Cerebral Oxygenation and Reading Fluency in Stuttering and Non-stuttering School-age children: A Near Infra-red Spectroscopy Pilot. Women and Children's Health Research Institute. WCHRI Innovation Program. PI: Langevin,

Marilyn. Collaborators: Bhambhani, Yagesh; **De Nil, Luc**. 34,842 CAD. [Grants].

- 2010 - 2011 **Co-Investigator**. Relationship between Cerebral Oxygenation and Reading Fluency in Stuttering and Non-stuttering Adults: A Near Infra-red Spectroscopy Pilot Study. Faculty of Rehabilitation Medicine, University of Alberta. PI: Langevin, Marilyn. Collaborators: **Luc De Nil**
Yagesh Bhambhani
Deborah Kully. 9,971 CAD. [Grants].
- 2009 - 2014 **Principal Investigator**. Motor sequence learning, retention and transfer in children who stutter. Natural Sciences and Engineering Research Council of Canada (NSERC). RGPIN 105626-09. 125,000 CAD. [Grants].
- 2009 - 2011 **Co-Investigator**. Basic scientific investigation of structural and functional neural characteristics of neurogenic stuttering. Nationaal Fonds voor Wetenschappelijk Onderzoek (National Fund for Scientific Research). 1513609N. PI: Van Wieringen, A. Collaborators: Van Wieringen, A., **De Nil, L.** & Theys, C. 10,000 EUR. [Grants].
- 2009 - 2010 **Co-Investigator**. Slowing language decline in progressive aphasia through language rehabilitation: Treatment and neuroimaging study. Canadian Institutes of Health Research (CIHR). PI: Jokel, Regina. Collaborators: Anderson, N., Black, S., **De Nil, L. F.**, Freedman, M., Graham, S., Rochon, E., & Tang-Wai, D. 81,530 CAD. [Grants].
- 2008 - 2013 **Co-Investigator**. Dissociating cognitive and motor components of healthy and dysfunctional expressive language development in children. Canadian Institutes of Health Research (CIHR). PI: Pang, E. Collaborators: Pang, E., Cheyne, D., **De Nil, L.** & Roberts, S. 776,210 CAD. [Grants].
- 2004 - 2009 **Principal Investigator**. Neuroimaging studies of auditory processing in individuals who stutter. Canadian Institutes of Health Research (CIHR). MOP-68969. Collaborators: Gracco, V. L., Kroll, R. M. & Crawley, A. P. 418,855 CAD. [Grants].
- 2004 - 2009 **Principal Investigator**. Motor learning in adults who stutter. Natural Sciences and Engineering Research Council of Canada (NSERC). RGPIN 105626-04. 84,900 CAD. [Grants].
- 2004 - 2009 **Collaborator**. Intelligent Design for Adaptation, Participation and Technology (IDAPT): Innovative Rehabilitation for People in Challenging Environments. Canadian Foundation for Innovation. PI: Geoffrey Fernie. Collaborators: Colantonio, A., Cott, Ch., Davis, A., **De Nil, L.**, Maki, B., Mcilroy, W., Naglie, G., Naumann, S., Patla, A. 7,358,556 CAD. [Grants].
- 2004 - 2005 **Principal Investigator**. Communication Disorders in Sign Language. Ministry of Training, Colleges and Universities, Summer Experience Program. Collaborators: **De Nil, L. F.** & Pepe, E. 2,278 CAD. [Grants].
- 2000 - 2005 **Principal Site Investigator**. Production characteristics of stutterers' speech. National Institutes of Health (NIH) (USA). subcontract. R01DC003102-04. PI: **De Nil, Luc**. Collaborators: **De Nil, L. F.**, Gracco, V. L. & Pugh, K. 50,000 USD. [Grants]
US\$ 39,336; CAD \$59,680.
- 2000 - 2004 **Principal Investigator**. Sensory and motor processes in stuttering: Behavioural and functional neuroimaging studies. Natural Sciences and Engineering Research Council of Canada (NSERC). 60,000 CAD. [Grants].

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- 2000 - 2001 **Co-Investigator.** Test battery for acquired stuttering in adults. Baycrest Centre for Geriatric Care. Hy & Bertha Shore and Harry & Sara Gorman Award. PI: Jokel, Regina. Collaborators: Jokel, R. & **De Nil, L. F.** 3,500 CAD. [Grants]
Hy & Bertha Shore and Harry & Sara Gorman Award.
- 1997 - 2000 **Co-Principal Investigator.** An [15O]H₂O PET study of brain activity in stuttering: Differences from normal speech and changes following treatment. Medical Research Council of Canada (MRC). MT14333. PI: Kroll, R. M. Collaborators: **De Nil, L. F.**, Houle, S. 210,000 CAD. [Grants].
- 1996 - 2000 **Principal Investigator.** Sensorimotor processes in speech production. Natural Sciences and Engineering Research Council of Canada (NSERC). RGPIN 105626-96. 52,000 CAD. [Grants].
- 1995 - 1996 **Principal Investigator.** Oral kinesthesia and speech motor control in stutterers. University of Toronto. Faculty of Medicine Bridge Funding. 19,755 CAD. [Grants]
Faculty of Medicine Bridge Funding.
- 1994 - 1995 **Principal Investigator.** Regional cerebral blood flow during silent and oral reading in stuttering and nonstuttering adults. The Clarke Institute Research Fund. Collaborators: Houle, S. 5,400 CAD. [Grants].
- 1994 - 1995 **Principal Investigator.** Oral kinesthesia and speech motor control in stutterers. Natural Sciences and Engineering Research Council of Canada (NSERC). 16,400 CAD. [Grants].
- 1993 - 1994 **Principal Investigator.** The relationship of locus of control to long-term stuttering treatment outcome. The Clarke Institute of Psychiatry Research Grants. 5,025 CAD. [Grants].
- 1992 - 1993 **Principal Supervisor.** A kinematic investigation of the sensorimotor characteristics of adult stutterers. Ontario Ministry of Health. Research Traineeship. PI: Square, Paula. Collaborators: Square, P., **De Nil, L. F.** & Archibald, L. 23,000 CAD. [Grants]
Research Traineeship.
- 1991 Apr - 1994 Mar **Principal Investigator.** Kinesthetic sensitivity of stutterers for oral and non-oral movements. Natural Sciences and Engineering Research Council of Canada (NSERC). 60,000 CAD. [Grants].
- 1991 - 1995 **Principal Investigator.** A kinematic analysis of speech movement coordination of stutterers and normal speakers during reading adaptation. University of Toronto. Faculty of Medicine, Dean's Fund - New Staff. 7,870 CAD. [Grants]
Faculty of Medicine, Dean's Fund - New Staff.
- 1985 Jul - 1987 Jun **Principal Applicant.** Doctoral Fellowship. Southern Illinois University at Carbondale. Doctoral Fellowship. PI: **De Nil, Luc.** 8,000 USD. [Research Fellowships].

NON-PEER-REVIEWED GRANTS

FUNDED

- 1991 - 1993 **Co-Principal Investigator.** A multicentre investigation of the effects of a digital speech aid on stuttering. Hermes Electronics. PI: Kroll, R.M. Collaborators: Kroll, R. M. & **De Nil, L. F.** 8,500 CAD. [Grants].

D. Publications

1. PEER-REVIEWED PUBLICATIONS

Journal Articles

1. Theys, C., **De Nil, L.**, Thijs, V., Van Wieringen, A., Sunaert, S. A crucial role for the cortico-striato-cortical loop in the pathogenesis of neurogenic stuttering. *Human Brain Mapping*. In Press (Trainee publication). **Co-Principal Author.**
2. Loucks, T. & **De Nil, L.** Oral Sensorimotor Integration in Adults who Stutter. *Folia Phoniatica et Logopaedica*. In Press. **Co-Principal Author.**
3. Eggers, K., **De Nil, L.**, & Van den Bergh, B. Inhibitory control in childhood stuttering. *Journal of Fluency Disorders*. In Press (Trainee publication). **Co-Principal Author.**
4. Eggers, K., **De Nil, L.**, Van den Bergh, B. The efficiency of attentional networks in children who stutter. *Journal of Speech-Language-Hearing Research*. In Press (Trainee publication). **Co-Principal Author.**
5. Theys, C., Van Wieringen, A., Thys, V., Sunnaert, C., **De Nil, L.** Neurogenic stuttering following stroke is not uncommon. A cross-sectional prospective study. *Journal of Communication Disorders*. In Press (Trainee publication). **Senior Responsible Author.**
6. Beal, D.; Quraan, M.; Cheyne, D.; Taylor, M.; Gracco, V.; **De Nil, L.** Speech-induced suppression of evoked auditory fields in children who stutter. *Neuroimage*. 2011, Volume 54, Issue 4, Pages 2994-3003 (Trainee publication). **Senior Responsible Author.**
7. Bauerly, K.R., & **De Nil, L.F.** Speech sequence skill learning in adults who stutter. *Journal of Fluency Disorders*. 36 (4), pp. 349-360. **Co-Principal Author.**
8. Theys, C., van Wieringen, A., Sunaert, S., Thijs, V., & **De Nil, L.** A one year prospective study of neurogenic stuttering following stroke: Incidence and co-occurring disorders. *Journal of Communication Disorders*. 44, 678-687 (Trainee publication). **Senior Responsible Author.**
9. Beal, D.; Cheyne, D.; Gracco, V.; Quraan, M.; Taylor, M.; **De Nil, L.** Auditory evoked responses to vocalization during passive listening and active generation in adults who stutter. *Neuroimage*. *NeuroImage*, 52(4), 1645-1653 (Trainee publication). **Senior Responsible Author.**
10. Loucks, T. M., Shosted, R. K., **De Nil, L. F.**, Poletto, C. J. & King, A. Coordinating Voice Onset with Articulation: A Potential Role for Sensory Cues in Shaping Phonological Distinctions. *Phonetica*. 67, 1-16. **Coauthor or Collaborator.**
11. Loucks, Torrey; Ofori, Edward; Grindrod, Christopher; **De Nil, Luc**; Sosnoff, Jacob;. Auditory Motor Integration in Oral and Manual Effectors. *Journal of Motor Behavior*. 42(4), 233-239. **Coauthor or Collaborator.**
12. Eggers, K., **De Nil, L.**, Van Den Bergh, B. Temperament dimensions in stuttering and typically developing children. *Journal of Fluency Disorders*. 35(4), 355-372 (Trainee publication). **Co-Principal Author.**
13. Namasivayam AK, van Lieshout P, McIlroy W, **De Nil L.** Sensory feedback dependence hypothesis in persons who stutter. *Human Movement Science* 2009, 28 (6), 688-707. **Coauthor or Collaborator.**
14. Smits-Bandstra S, **De Nil, L.** Speech skill learning of persons who stutter and fluent speakers under single and dual task conditions. *Clinical Linguistics and Phonetics*, 2009, 23 (1), 38-57. **Co-Principal Author.**
15. Eggers K, **De Nil L.**, Van Den Bergh B. Factorial temperament structure in stuttering, voice-disordered, and typically developing children. *Journal of Speech, Language, and Hearing Research*. 2009, 52 (6), pp. 1610-1622. (Trainee publication). **Co-Principal Author.**

16. **De Nil, L.F.** Stuttering: Imagining a solution to the riddle. Perspectives on Fluency and Fluency Disorders. November. **Principal Author.**
17. Smits-Bandstra, S. & **De Nil, L.F.** Syllable sequence learning of persons who stutter and fluent speakers under single and dual task conditions. Clinical Linguistics and Phonetics. 23(1), 38-57 (2009). **Senior Responsible Author.**
18. Theys, C., Vanwieringen, A., Tuyls, L. & **De Nil, L. F.** Acquired stuttering in a 16-year-old boy. Journal of Neurolinguistics. 22, 427-435 (2009). **Senior Responsible Author.**
19. **De Nil, L.F.**, Beal, D. S., Lafaille, S. J., Kroll, R. M., Crawley, A. C. & Gracco, V. L. The effects of simulated stuttering and prolonged speech on neural activation patterns of stuttering and nonstuttering speakers. Brain and Language. 107, 114-123 (2008). **Principal Author.**
20. Namasivayam, A.K., van Lieshout, P., **De Nil, L. F.** Bite-block perturbation in people who stutter: Immediate compensatory and delayed adaptive processes. Journal of Communication Disorders. 41, 372-394 (2008). **Coauthor or Collaborator.**
21. Theys, C., Vanwieringen, A., & **De Nil, L. F.** A clinician survey of speech and non-speech characteristics of neurogenic stuttering. Journal of Fluency Disorders. 33, 1-23 (2008). **Senior Responsible Author.**
22. Beal, D.S., Gracco, V. L., Lafaille, S. J., & **De Nil, L. F.** Voxel-based morphometry of auditory and speech-related cortex in stutters. NeuroReport. 18(12), 1257-1260 (2007). **Senior Responsible Author.**
23. Jokel, R., **De Nil, L.F.**, Sharpe, K. Speech disfluencies in adults with acquired stuttering associated with stroke and traumatic brain injury. Journal of Medical Speech-Language Pathology. 15(3), 243-262 (2007). **Co-Principal Author.**
24. Loucks, T.M.J., **De Nil, L. F.** & Sasisekaran, J. Jaw-phonatory coordination in chronic developmental stuttering. Journal of Communication Disorders. 40(3), 257-272 (2007). **Co-Principal Author.**
25. Smits-Bandstra, S. & **De Nil, L.F.** Sequence skill learning in persons who stutter: Implications for cortico-striato-thalamo-cortical dysfunction. Journal of Fluency Disorders. 32(4), 251-278 (2007). **Co-Principal Author.**
26. **De Nil, L.F.**, Roth, I. D., Saltzman-Benaiah, J. & Sandor, P. Speech, language, and learning deficiencies associated with Tourette Syndrome. Perspectives ASHA Special Interest Division 2 (Neurogenic Disorders). (June) 12-16 (2006). **Principal Author.**
27. Loucks, T.M.J. & **De Nil, L. F.** Abnormal sensorimotor integration in adults who stutter: A tendon vibration study. Neuroscience Letters. 402(1-2), 195-200 (2006). **Co-Principal Author.**
28. Loucks, T.M.J. & **De Nil, L. F.** Oral kinesthetic deficit in adults who stutter: A target-accuracy study. Journal of Motor Behavior. 38(3), 238-246 (2006). **Co-Principal Author.**
29. Sasisekaran, J., & **De Nil, L.F.**, Smyth, R. H. & Johnson, C. J. Phonological encoding in the silent speech of persons who stutter. Journal of Fluency Disorders. 31(1), 1-21 (2006). **Co-Principal Author.**
30. Sasisekaran, J., & **De Nil, L.F.** Phoneme monitoring in silent naming and perception in adults who stutter. Journal of Fluency Disorders. 31(4), 284-302 (2006). **Co-Principal Author.**
31. Smits-Bandstra, S., **De Nil, L.F.** & Saint-Cyr, J. A. Speech and nonspeech sequence skill learning in adults who stutter. Journal of Fluency Disorders. 31(2), 116-136 (2006). **Co-Principal Author.**
32. Smits-Bandstra, S. & **De Nil, L.F.** & Rochon, E. The transition to increased automaticity during finger sequence learning in adult males who stutter. Journal of Fluency Disorders. 31(1), 22-42 (2006). **Co-Principal Author.**
33. **De Nil, L.F.**, Sasisekaran, J., Van Lieshout, P. H. H. M. & Sandor, P. Speech disfluencies in individuals with Tourette's syndrome. Journal of Psychosomatic Research. 58(1), 97-102 (2005). **Principal Author.**
34. **De Nil, L.F.**, Sasisekaran, J., & Smits-Bandstra, S. Recent insights into the nature of stuttering: A review and some speculations. Logopedie. 17(3), 26-37 (2004). **Principal Author.**

35. **De Nil, L.F.** Stuttering etiology and diagnostic codes: Researchers' reflections. *Perspectives on Fluency and Fluency Disorders*. 13(1), 4-7 (2003). **Principal Author.**
36. **De Nil, L.F.**, Kroll, R. M. Lafaille, S. J. & Houle, S. A positron emission tomography study of short and long term treatment effects on functional brain activation in adults who stutter. *Journal of Fluency Disorders*. 28, 357-380 (2003). **Principal Author.**
37. Bosshardt, H.G., Ballmer, W., & **De Nil, L. F.** Effects of category and rhyme decisions on sentence production. *Journal of Speech, Language and Hearing Research*. 45, 844-857 (2002). **Coauthor or Collaborator.**
38. **De Nil, L.F.** & Lafaille, S. J. Jaw and finger movement accuracy under visual and non-visual feedback conditions. *Perceptual & Motor Skill*. 95, 1129-1140 (2002). **Principal Author.**
39. **De Nil, L.F.**, Kroll, R. M. & Houle, S. Functional neuroimaging of cerebellar activation during single word reading and verb generation in stuttering and nonstuttering adults. *Neuroscience Letters*. 302(2-3), 77-80 (2001). **Principal Author.**
40. **De Nil, L.F.** & Kroll, R. M. Searching for the neural basis of stuttering treatment outcome: Recent neuroimaging studies. *Clinical Linguistics and Phonetics*. 15(1&2), 163-168 (2001). **Principal Author.**
41. Loucks, T.M.J., & **De Nil, L. F.** The effects of masseter tendon vibration on non-speech oral movements and vowel gestures. *Journal of Speech, Language and Hearing Research*. 44(2), 306-316 (2001). **Co-Principal Author.**
42. Loucks, T.M.J., & **De Nil, L. F.** Assessing the physiological and behavioural evidence for the role of kinaesthesia in speech production. *Journal of Speech-Language Pathology and Audiology*. 25(2), 149-166 (2001). **Co-Principal Author.**
43. **De Nil, L.F.**, Kroll, R. M., Kapur, S. & Houle, S. A positron emission tomography study of silent and oral single word reading in stuttering and nonstuttering adults. *Journal of Speech, Language and Hearing Research*. 43(4), 1038-1053 (2000). **Principal Author.**
44. **De Nil, L.F.** & Kroll, R.M. Nieuwe inzichten in de rol van de hersenen tijdens het stotteren van volwassenen aan de hand van recent onderzoek met Positron Emission Tomography (PET) [New insights in the role of the brain in stuttering in adults based on recent investigations using Positron Emission Tomography (PET)]. *Signaal*. 9(32), pp. 13-20 (2000). **Principal Author.**
45. Kroll, R.M. & **De Nil, L. F.** Neural bases of stuttering and its treatment. *Stuttering Foundation of America Newsletter*. 2 (2000). **Co-Principal Author.**
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Commentaries

1. **De Nil, L.F.** Speaking out: Is stuttering a speech disorder. *ASHA*, 41(2), 10-11 (1999). **Principal Author.**
2. **De Nil, L.F.** Nature and treatment of stuttering. New directions (Curlee & Siegel, Allyn & Bacon, 1997). *Journal of Speech-Language Pathology and Audiology*, 23(2) (1999). **Principal Author.**
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2. NON-PEER-REVIEWED PUBLICATIONS

Journal Articles

1. **De Nil, L.F.** Neurogenic stuttering – so much we know, so much we still need to discover! Paper prepared for the ISAD2007 Online Conference - Stuttering Awareness: Global Community, Local Activity (October 1-22, 2007), Mankato State University, Minnesota (2007). **Principal Author.**
2. **De Nil, L.F.** What causes stuttering [Ask the experts: Biology]. Scientific American [Online], Available: http://www.sciam.com/askexpert_question.cfm?articleID=00003C9F-EFAB-1ECC-8E1C809EC588EF21&catID=3. **Principal Author.**

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1. Polatajko, H., Lewis, M., McEwen, S., **De Nil, L.F.**, leBlanc, K., McPhail, P., Mullen, L., Neabel, B., Powell-Vinden, B., Rappolt, S., Scott, J., Sharp, S., Shaw, J., Verrier, M., & Watt-Watson, J. The Rehabilitation Education Program for Stroke (REPS). Heart and Stroke Foundation of Ontario (2002). **Coauthor or Collaborator.**

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Monographs

1. **De Nil, L.** Therapy for stutterers. A preliminary report. Gent, Belgium, Center for Speech and Hearing Rehabilitation [in Dutch] (1984). **Principal Author.**
2. **De Nil, L.** Psychological assessment. In E. Layon (ed.). Audiophoniatrie (Vol. 3). Gent, Belgium, Center for Speech and Hearing Rehabilitation [in French] (1983). **Principal Author.**
3. **De Nil, L.**, Claeys, M., & Demunck, G. Child, parent and rehabilitation: A practical approach. Gent, Belgium, Center for Speech and Hearing Rehabilitation, 302 pp. [in Dutch] (1981). **Principal Author.**
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3. SUBMITTED PUBLICATIONS

Journal Articles

1. Theys, C., Sunaert, S., Kovacs, S., Peeters, R., van Wieringen, A., **De Nil, L.** An fMRI study of simulated stuttering in fluent subjects: revisiting the effects of non-habitual speech production on brain activation. Brain and Language (Trainee publication). **Senior Responsible Author.**
2. Theys, C., van Wieringen, A., Sunaert, S., & **De Nil, L.** Neurogeen stotteren in Vlaanderen: prevalentie, gedragsmatigeen neurale kenmerken. [Neurogenic stuttering in Flanders; prevalence, behavioral and neural characteristics]. Logopedie (Trainee publication). **Senior Responsible Author.**
3. **De Nil, L.**, & Theys, C. An update on neurogenic stuttering. Newsletter of The Stuttering Foundation of America. **Principal Author.**
4. **De Nil, L.** A review of brain imaging research in stuttering: New insights into the onset and development of stuttering and some clinical implications. Logopedie. **Principal Author.**

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5. Loucks, T., **De Nil, L.** Fine oral motor control and kinesthetic sensitivity in adults who stutter. International Journal of Orofacial Myology. **Co-Principal Author.**
6. Beal, D, Taylor, M & **De Nil, L.** Reduced grey matter volume in inferior frontal gyrus and anterior insula in children who stutter. Human Brain Mapping (Trainee publication). **Senior Responsible Author.**
7. Bauerly, Kim R. & **De Nil, Luc F.** Speech sequence skill learning in adults who stutter. Journal of Fluency Disorders. **Co-Principal Author.**
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Abstracts

1. Yu, V. Y., **De Nil, L. F.**, Pang, E. W. Effects of age, sex and syllable structure on voice onset time: Evidence from children's voiceless aspirated stops. Journal of Acoustical Society of America. **Coauthor or Collaborator.**

E. Presentations and Special Lectures

1. INTERNATIONAL

Abstracts and Other Papers

- 2012 Jul **Presenter.** European clinical specialization on fluency disorders (ECSF): Review of the first four years. 7th World Congress on Fluency Disorders. France. Presenter(s): Leahy, M.M, Agius, J., **De Nil, L.**, Eggers, C., Hylebos, C.
- 2012 Jun **Presenter.** Changes in Corical Thickness Following Intensive Therapy for Childhood Motor Speech Disorders. Human Brain Mapping. Beijing, China. Presenter(s): Kadis, D. S., Goshulak, D., Pukonen, M., Kroll, R., **De Nil, L.**, Pang, E. W., Lerch, J. P.
- 2012 Apr **Presenter.** Neural correlates of neurogenic stuttering following stroke. 3rd European Symposium on Fluency Disorders. Antwerp, Belgium. Presenter(s): Theys, C., Van Wieringen, Al., Sunaert, S., **De Nil, L.** (Trainee Presentation).
- 2012 Apr **Presenter.** Auditory attention shifting in children who stutter. 3rd European Symposium on Fluency Disorders. Antwerp, Belgium. Presenter(s): Jansson-Verkasalo, E., Eggers, K., Aro, K., **De Nil, L.**, Van Den Bergh, B. R. H.
- 2011 Nov **Presenter.** Recent insights into neurogenic stuttering following stroke. American Speech-Language-Hearing Association Convention. United States. Presenter(s): Theys, C., & **De Nil, L.** (Trainee Presentation).
- 2011 Nov **Presenter.** Stuttering treatment for adults: Realistic long-term goals. Annual Convention of the American Speech-Language-Hearing Association. United States. Presenter(s): Bauerly, K., Kroll, R., **De Nil, L.**
- 2011 Sep **Presenter.** Relationship between cerebral oxygenation and reading fluency in stuttering and non-stuttering school-age children: a near-infrared spectroscopy pilot study. Oxford Dysfluency Conference. Oxford, United Kingdom. Presenter(s): Joseph, C. M., Langevin, M., Bhamhani, Y. & **De Nil, L.**
- 2011 Sep **Presenter.** Bridging science and practice: How research and treatment of stuttering can inform each other. 9th Oxford Dysfluency Conference. Oxford, United Kingdom. Presenter(s): Kroll, R., **De Nil, L.**
- 2011 Jun **Presenter.** Brain lesion-symptom mapping in patients with stroke-induced neurogenic stuttering. Speech Motor Control Conference Groningen. Groningen, Netherlands. Presenter(s): Theys, C., van Wieringen,

A., Sunaert, S. & **De Nil, L.** (Trainee Presentation).

- 2011 Jun **Presenter.** Lesion-symptom correlates of stroke-induced neurogenic stuttering. Sixth International Conference on Speech Motor Control. Netherlands. Presenter(s): Theys, C, **De Nil, L.**, Sunaert, S., Vanwieringen, A. (Trainee Presentation).
- 2011 Feb **Presenter.** From Freud to fMRI: Untangling the Mystery of Stuttering. 2011 AAAS Annual Meeting, "Science Without Borders". Washington DC, Washington, United States. Presenter(s): Bernstein-Ratner, N., **De Nil, L.**, Smith, A. & Drayan, D.
- 2011 **Presenter.** Neurogen stotteren na CVA: recente inzichten (Neurogenic stuttering following stroke: recent developments). 12de Symposium Logopedie & Audiologie UGent - Stotteren en Broddelen. Ghent, Belgium. Presenter(s): Theys, C., **De Nil, L.**, van Wieringen, A., Sunaert, S. (Trainee Presentation).
- 2010 Nov **Presenter.** Motor learning in adults who stutter: Predictors of treatment outcome. American Speech-Language-Hearing Association. Pennsylvania, United States. Presenter(s): Bauerly, K., **De Nil, L.**, Kroll, R., Grotell. poster. (Trainee Presentation).
- 2010 Nov **Presenter.** Differential characteristics of neurogenic stuttering and anomia (in Dutch). Vlaamse Vereniging voor Logopedie. Belgium. Presenter(s): Theys, C., Dely, H., Van Wieringen, A., **De Nil, L.** (Trainee Presentation).
- 2010 Nov **Presenter.** Regional cortical thickness differences in people who stutter. American Speech-Language-Hearing Association. United States. Presenter(s): Beal, D., Lerch, J., Germann, J., Gracco, V., **De Nil, L.** (Trainee Presentation).
- 2010 Nov **Presenter.** Endogenous and Exogenous response control in children who stutter. American Speech-Language-Hearing Association. United States. Presenter(s): Eggers, K., **De Nil, L.**, Van den Berghe, B. (Trainee Presentation).
- 2010 Nov **Presenter.** Incidence and phenomenology of stroke-related stuttering. American Speech-Language-Hearing Association. United States. Presenter(s): Theys, C., Van Wieringen, A., Thijs, V., Sunaert, S., **De Nil, L.** (Trainee Presentation).
- 2010 Nov **Presenter.** Simulated stuttering in nonstuttering volunteers using a language-based fMRI paradigm. American Speech-Language-Hearing Association. Pennsylvania, United States. Presenter(s): Theys, C., Sunaert, S., Kovacs, S., Van Wieringen, A., **De Nil, L.** (Trainee Presentation).
- 2010 Nov **Presenter.** Working toward minimal standards for European fluency specialists. American Speech-Language-Hearing Association. Pennsylvania, United States. Presenter(s): Eggers, K., Leahy, M., **De Nil, L.**, Pertijs, M.
- 2010 Nov **Presenter.** Lesion localization in stroke patients with neurogenic stuttering. American Speech-Language-Hearing Association. Pennsylvania, United States. Presenter(s): Theys, C., Sunaert, S., Van Wieringen, A., **De Nil, L.** (Trainee Presentation).
- 2010 **Presenter.** Differentiele kenmerken van neurogeen stotteren en anomie. VVL-congres. Elewijt, Belgium. Presenter(s): Theys, C., Dely, H., van Wieringen, A., & **De Nil, L.** (Trainee Presentation).
- 2010 **Presenter.** Simulated stuttering in non-stuttering subjects: an fMRI study. Rehabilitation Sciences Showcase Symposium. Toronto, Ontario, Canada. Presenter(s): Theys, C., Sunaert, S., Kovacs, S., Van Wieringen, A., & **De Nil, L.** (Trainee Presentation).
- 2010 **Presenter.** Neurogenic stuttering following stroke: prevalence, comorbidity and lesion analysis. Intensive programme speech-language therapy. Belgium. Presenter(s): Theys, C., Van wieringen, A., Thijs, V., Sunaert, S., & **De Nil, L.** (Trainee Presentation).
- 2010 **Presenter.** Neurogenic stuttering following stoke: prevalence and comorbidity. 2nd European Symposium on Fluency Disorders. Antwerp, Belgium. Presenter(s): Theys, C., Van Wieringen, A., Thijs, V., Sunaert, S., & **De Nil, L.** (Trainee Presentation).

- 2009 Nov **Presenter.** Suppression of auditory responses to self-generated speech in children who stutter. Annual Convention of the American Speech-Language-Hearing Association. New Orleans, United States. Beal, D. & **De Nil, L.F.**
- 2009 Nov **Presenter.** Inhibitory control in children who stutter. Annual Convention of the American Speech-Language-Hearing Association. New Orleans. Eggers, K., **De Nil, L.F.**, Vandenberghe, B.
- 2009 Nov **Presenter.** Nonspeech sequence skill learning in adults who stutter. Annual Convention of the American Speech-Language-Hearing Association. New Orleans. Bauerly, K. & **De Nil, L.F.**
- 2009 Oct **Presenter.** Neuroanatomical differences in children who stutter. Annual Convention of the American Speech-Language-Hearing Association. New Orleans, United States. Beal, D. & **De Nil, L.F.**
- 2009 Aug 6 **Presenter.** Attention processes in children who stutter. Brazil. Presenter(s): Eggers, K., **De Nil, L.**, & Van den Bergh, B. Poster presented at Congress of the International Fluency Association. (Trainee Presentation).
- 2009 Apr **Presenter.** Simulated stuttering in non-stuttering healthy individuals: Differentiating cause from consequence in developmental stuttering. International Society for Magnetic Resonance in Medicine Annual Conference. United States. Theys, C., Sunaert, S., Kovacs, S., van Wieringen, A. & **De Nil, L.** (Trainee Presentation).
- 2009 **Presenter.** Gesimuleerd stotteren in niet-stotterende subjecten: het onderscheiden van oorzaak en gevolg can het stotteren. VVL-congres. Antwerp, Belgium. Presenter(s): Theys,C., Sunaert, S., Kovacs, S., Van Wieringen, A., & **De Nil, L.** (Trainee Presentation).
- 2008 Nov **Presenter.** Learning to coordinate voicing with articulation: A case for sensory cues? Annual Convention of the American Speech-Language-Hearing Association. Chicago, United States. Loucks, T., **De Nil, L.F.**, King, A. & Poletto, C.
- 2008 Nov **Presenter.** Comparing speech skill learning in stuttering & Parkinson's Disease. Annual Convention of the American Speech-Language-Hearing Association. Chicago, United States. Smits-Bandstra, S., Gracco, V.L. & **De Nil, L.F.**
- 2008 Nov **Presenter.** Diffusion tensor imaging of white matter tracts in adults who stutter. Annual Convention of the American Speech-Language-Hearing Association. Chicago, United States. Beal, D. & **De Nil, L.F.**
- 2008 Oct **Presenter.** Off-line sequence skill learning in adults who stutter. Annual Convention of the American Speech-Language-Hearing Association. Chicago, United States. Bauerly, K. & **De Nil, L.F.**
- 2008 Apr 19 **Lecturer.** Temperament and attentional processes in stuttering. Belgium. Presenter(s): Eggers, K., **De Nil, L.**, & Van den Bergh, B. Paper presented at European Symposium on Fluency Disorders, Antwerp, Belgium.
- 2008 **Presenter.** Effects of simulated stuttering on brain activation patterns of non-stuttering speakers. European Society for Magnetic Resonance in Medicine and Biology 25th Annual Meeting. Valencia, Spain. Presenter(s): Theys, C., Kovasc, S., Sunaert, S., van Wieringen, A., & **De Nil, L.** (Trainee Presentation).
- 2008 **Presenter.** Acquired stuttering following encephalitis in a16-year old boy. Intensive programme speech language therapy. Valencia, Spain. Presenter(s): Theys, C., van Wieringen, A., & **De Nil, L.** (Trainee Presentation).
- 2008 **Presenter.** A systematic follow-up study on occurrence of neurogenic stuttering in stroke patients. Intensive programme spech language therapy. Barcelona, Spain. Presenter(s): Theys, c., van Wieringen, A., & **De Nil, L.** (Trainee Presentation).
- 2008 **Presenter.** Stuttering-like dysfluencies in stoke patients: prevalence and differential diagnosis. European Symposium on Fluency Disorders. Antwerp, Belgium. Presenter(s): Theys, C., van Wieringen, A., & **De Nil, L.** (Trainee Presentation).

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- 2007 Nov **Presenter.** A magnetoencephalography study of auditory processing in adults who stutter. American Speech and Hearing Association Convention. Miami, United States. Beal, D.S. & **De Nil, L.F.**
- 2007 Aug 7 **Presenter.** Temperament structure in stuttering, voice disordered, and typically developing children. Denmark. Presenter(s): Eggers, K., **De Nil, L.**, & Van den Bergh, B. Paper presented at Convention of the International Association of Logopedics and Phoniatrics, Kopenhagen, Denmark, august 2007. (Trainee Presentation).
- 2007 **Presenter.** A survey of neurogenic stuttering in Flanders. Intensive programme speech language therapy. Eindhoven, Netherlands. Presenter(s): Theys, C., van Wieringen, A., & **De Nil, L.** (Trainee Presentation).
- 2006 Nov **Presenter.** fMRI of overt speech and simulated stuttering. American Speech and Hearing Association Convention. Miami, United States. Beal, D.S. & **De Nil, L. F.**
- 2006 **Presenter.** Neurogenic stuttering: a review with implications for theory and intervention. International Congress of Fluency Disorders. Dublin, Ireland. Presenter(s): **De Nil, L.**, & Theys, C.
- 2004 Nov **Presenter.** Speech disfluencies in individuals with Tourette's Syndrome. ASHA conference. Philadelphia, United States. **De Nil, L.F.**, Sasisekaran, J., Van Lieshout, P. M. M. H., & Sandor, P. Poster presentation.
- 2004 Nov **Presenter.** Effect of phonological complexity on planning and production in PWS. ASHA conference. Philadelphia, United States. Sasisekaran, J., & **De Nil, L.F.** (2004). Poster Presentation.
- 2004 Nov **Presenter.** Speech disfluency patterns in acquired brain injury. Toronto Acquired Brain Injury Network Conference. Toronto, Canada. Jokel, R. & **De Nil, L.** Poster presentation.
- 2004 Oct **Presenter.** Motor sequence learning in adults who stutter. ASHA Convention. Philadelphia, United States. Smits-Bandstra, S. & **De Nil, L.F.** Poster Presentation.
- 2003 Aug **Presenter.** Phoneme and auditory monitoring skills in persons who stutter. International Fluency Association Conference. Montreal, Canada. Sasisekaran, J. & **De Nil, L.F.**
- 2003 Aug **Presenter.** Motor learning of speech and non-speech tasks in persons who stutter. International Fluency Association Conference. Montreal, Canada. Smits-Bandstra, S.M. & **De Nil, L. F.** Poster presentation.
- 2000 Aug **Presenter.** Dual-task language processing in persons who stutter: An fMRI study. 3rd World Congress on Fluency Disorders. Nyborg, Denmark. **De Nil, L.F.**, & Bosshardt, H.-G.
- 2000 Aug **Presenter.** Functional neuroimaging studies in stuttering: Theoretical and clinical speculations. 3rd World Congress on Fluency Disorders. Nyborg, Denmark. **De Nil, L.F.**, & Kroll, R. M.
- 2000 Jul **Presenter.** Clinical and neuroimaging studies of stuttering: Referral guidelines for drug therapy. XXII Collegium Internationale Neuro-Psychopharmacologicum. Brussels, Belgium. Kroll, R.M. & **De Nil, L. F.** Oral presentation.
- 2000 Feb **Presenter.** Tendon vibration effects on speech and oral motor control in people who stutter. Conference on Motor Speech. San Antonio, United States. Loucks, T.M.J. & **De Nil, L. F.** Poster presentation.
- 1999 Nov **Presenter.** Cerebellar activation in stuttering speakers; Observation from recent neuroimaging studies. Annual Conference of the American Speech-Language-Hearing Association. San Francisco, United States. **De Nil, L.F.**, Kroll, R. M. & Houle, S.
- 1999 Nov **Presenter.** Towards a scientific understanding of stuttering and treatment: PET scan studies. Annual Conference of the American Speech-Language-Hearing Association. San Francisco, United States. Kroll, R.M., **De Nil, L. F.**, & Houle, S.
- 1999 May **Presenter.** Functional neuroimaging research into the neural bases of stuttering: Theoretical and clinical implications. International Clinical Phonetics and Linguistics Annual Meeting. Montreal, Canada. Presenter(s): **De Nil, L.F.**
- 1998 Nov **Presenter.** Oral movement accuracy and reaction time in people who stutter. Annual Conference of the

- American Speech-Language-Hearing Association. San Antonio, United States. Loucks, T.M.J. & **De Nil, L. F.**
- 1998 Oct **Presenter.** A PET study of neural activation changes following stuttering treatment. Annual Conference of the American Speech-Language-Hearing Association. San Antonio, United States. **De Nil, L.F.**, Kroll, R. M., & Houle, S.
- 1998 Jun **Presenter.** A positron emission tomography study of treatment-related changes in brain activation patterns following a three-week intensive intervention program for stuttering adults. 4th International Conference on Functional Mapping of the Human Brain. Montreal, Canada. **De Nil, L.F.**, Kroll, R. M. & Houle, S. Poster presentation.
- 1998 Jan **Presenter.** Gender differences in oral and non-oral movement accuracy. Speech Motor Control Conference. Tuscon, Arizona. Presenter(s): **De Nil, L.F.**
- 1998 Jan **Presenter.** Differences between stuttering and nonstuttering adults in oral and non-oral movement accuracy. Speech Motor Control Conference. Tuscon, Arizona. Presenter(s): **De Nil, L.F.** Poster presentation.
- 1997 Aug **Presenter.** Sensorimotor integration deficits in stuttering. Second World Congress on Fluency Disorders. San Francisco, United States. Presenter(s): **De Nil, L.F.**
- 1997 Aug **Presenter.** Neuroimaging of speech and language processes in non-stuttering and stuttering speakers: An overview and integration of recent research findings. Second World Congress on Fluency Disorders. San Francisco, United States. Presenter(s): **De Nil, L.F.**
- 1995 Dec **Presenter.** Linguistic and motor approaches to stuttering: Exploring unification. Annual Conference of the American Speech-Language-Hearing Association. Orlando, United States. Ratner, N.B., Conture, E. G., Bosshardt, H. -G., Caruso, A. J., **De Nil, L. F.**
- 1995 Dec **Presenter.** Advances in stuttering research using positron emission tomography brain imaging. Annual Conference of the American Speech-Language-Hearing Association. Orlando, Florida. **De Nil, L.F.**, Kroll, R. M., Houle, S., Ludlow, C. L., Braun, A., Ingham, R., Fox, P., Riley, G. & Wu, J. G.
- 1994 Aug **Presenter.** The role of sensory feedback in the coordination of articulatory movements in adults who stutter. A hypothesis. First World Congress on Fluency Disorders. Munich, Germany. Presenter(s): **De Nil, L.F.** Paper presented.
- 1994 Aug **Presenter.** Locus of control and client performance variables as predictors of stuttering treatment outcome. First World Congress on Fluency Disorders. Munich, Germany. Kroll, R.M. & **De Nil, L. F.** Paper presented.
- 1993 Nov **Presenter.** The relationship between oral kinesthesia and articulatory coordination in stutterers. Annual Convention of the American Speech-Language-Hearing Association. Anaheim, United States. Archibald, L.M.D. & **De Nil, L. F.** Paper presented.
- 1992 Nov **Presenter.** Oral kinesthetic sensitivity of stuttering and nonstuttering adults. Annual Convention of the American Speech-Language-Hearing Association. San Antonio, United States. Presenter(s): **De Nil, L.F.** Paper presented.
- 1992 Nov **Presenter.** Articulatory sequencing revisited: Do stutterers and nonstutterers differ? Annual Convention of the American Speech-Language-Hearing Association. San Antonio, United States. Presenter(s): **De Nil, L.F.** Paper presented.
- 1992 Nov **Presenter.** Client performance variables affecting stuttering treatment. Annual Convention of the American Speech-Language-Hearing Association. San Antonio, United States. Ulrich, L.A., Pepe, E. E., Kroll, R. M. & **De Nil, L. F.** Paper presented.
- 1991 Nov **Presenter.** The relationship between locus of control and stuttering treatment outcome. Annual Convention of the American Speech, Language, and Hearing Association. Atlanta, United States. **De Nil,**

L.F., Kroll, R., Murphy, C. & Orlowsky, C.

- 1991 Aug **Presenter.** A kinematic analysis of stutterers' oral speech movements during a reading adaptation task. Conference Internationale sur le Begaiement. Paris, France. Presenter(s): **De Nil, L.F.**
- 1990 Nov **Presenter.** Influence of rate on stutterers' articulatory movements: A microbeam study. Annual Convention of the American Speech, Language, and Hearing Association. Seattle, United States. **De Nil, L.F.** & Abbs, J. H.
- 1989 Nov **Presenter.** Kinesthetic thresholds during active production of orofacial and finger movements. Society for Neuroscience Convention. Phoenix, United States. **De Nil, L.F.** & Abbs, J. H.
- 1989 Apr **Presenter.** Alterations in lower lip and jaw kinematics of stutterers and nonstutterers as a function of rate. Spring meeting of the Acoustical Society of America. Syracuse, New York. **De Nil, L.F.** & Abbs, J. H.
- 1988 Nov **Presenter.** Homorganic and heterorganic consonant clusters in stutterers' and nonstutterers' fluent speech. Annual convention of the American Speech, Language, and Hearing Association. Boston, United States. **De Nil, L.F.** & Brutten, G. J.
- 1988 Oct **Presenter.** Segment durations in young stutterers' and nonstutterers' fluent speech production. Annual convention of the American Speech, Language, and Hearing Association. Boston, United States. **De Nil, L.F.** & Brutten, G. J.
- 1987 Nov **Presenter.** Communication attitudes of stuttering, speech disordered and normal speaking children. Annual convention of the American Speech, Language, and Hearing Association. New Orleans, United States. **De Nil, L.** & Brutten, G.J.
- 1985 Nov **Presenter.** Stutterers and nonstutterers: A normative investigation of children's speech-associated attitudes. Annual convention of the American Speech, Language, and Hearing Association. Washington, United States. **De Nil, L.**, Brutten, G.J. & Claeys, M.
- 1982 Jun **Presenter.** A program for group counseling of parents of stuttering children. Higher Technical Institute. Brugge, Belgium. **De Nil, L.** & Demuynck, G.
- 1982 Jun **Presenter.** Does my child stutter? An informative film for parents. Higher Technical Institute. Brugge, Belgium. Presenter(s): **De Nil, L.**, et al.
- Presenter.** Regional Cortical Thickness Differences in People Who Stutter. Presenter(s): Deryk Beal, Jason Lerch, Jurgen Germann, Vincent Gracco, **Luc De Nil**. American Speech-Language-Hearing Association Convention, Philadelphia, November 2010. (Trainee Presentation).
- Presenter.** Endogenous & Exogenous Response Control in CWS. Presenter(s): Kurt Eggers, **Luc De Nil**, Bea Van Den Bergh. American Speech-Language-Hearing Association Convention, Philadelphia, November 2010. (Trainee Presentation).
- Presenter.** Motor Learning in Adults Who Stutter: Predictors to Treatment Outcome. Presenter(s): Kim Bauerly, **Luc De Nil**, Robert Kroll, Marni Grotell. American Speech-Language-Hearing Association Convention, Philadelphia, November 2010. (Trainee Presentation).
- Presenter.** Incidence & Phenomenology of Stroke-Related Stuttering. Presenter(s): Catherine Theys, Astrid van Wieringen, Vincent Thijs, Stefan Sunaert, **Luc De Nil**. American Speech-Language-Hearing Association Convention, Philadelphia, November 2010. (Trainee Presentation).
- Presenter.** Simulated Stuttering in Non-Stuttering Volunteers Using a Language-Based fMRI Paradigm. Presenter(s): Catherine Theys, Stefan Sunaert, Silvia Kovacs, Astrid van Wieringen, **Luc De Nil**. American Speech-Language-Hearing Association Convention, Philadelphia, November 2010. (Trainee Presentation).
- Presenter.** Working Toward Minimal Standards for European Fluency Specialists. Presenter(s): Eggers Kurt, Leahy Margaret, **De Nil Luc**, Petrijs Mark. American Speech-Language-Hearing Association Convention, Philadelphia, November 2010. (Trainee Presentation).

Invited Lectures and Other Presentations

- 2011 Nov **Presenter.** Stuttering: A review for physicians. Erasmus Hospital. Rotterdam, Netherlands. Presenter(s): **De Nil, L.**
- 2011 Nov **Workshop presenter.** Stuttering: Know what we do and do what we know. Erasmus Hospital. Rotterdam, Netherlands. Presenter(s): **De Nil, L.**
- 2011 May **Presenter.** Brain and Behaviour: The “Ins” and “Outs” of Stuttering. 9th World Congress of the International Stuttering Association. Buenos Aires, Argentina. Presenter(s): **De Nil, L.**
- 2011 Feb 11 **Invited Lecturer.** Behavioural and Brain Imaging Research of Developmental Stuttering and Adult Acquired Stuttering. Illinois Speech-Language-Hearing Association. Chicago, Illinois, United States. Presenter(s): **Luc De Nil.**
- 2011 Feb **Speaker.** Behavioural and Brain Imaging research of developmental and adult acquired stuttering. 51st Annual Convention Illinois Speech-Language-Hearing Association. United States. Presenter(s): **De Nil, L.**
- 2011 **Presenter.** Recent insights into neurogenic stuttering following stroke. ASHA Convention. United States. Presenter(s): Theys, C., **De Nil, L.** (Trainee Presentation).
- 2009 Aug **Keynote Speaker.** Multiple facets of stuttering: Insights from brain and behavioural research. Sixth IFA World Congress. Rio De Janeiro, Brazil. Presenter(s): **De Nil, L.F.**
- 2008 Nov **Invited Panel Moderator..** Speech Easy: A Panel Presentation of Clinical Data Across Labs. Annual Convention of the American Speech-Language-Hearing Association. Chicago. Presenter(s): **De Nil, L.F.**
- 2008 Oct **Presenter.** Brain imaging of stuttering: theoretical and clinical implications for normal and disordered speech. 53rd annual meeting of the Japan Society of Logopedics and Phoniatrics. Mihara, Japan. Presenter(s): **De Nil, L.F.**
- 2008 Oct **Presenter.** Brain imaging of developmental stuttering: Theoretical and clinical implications. Speech-Language Intervention Symposium, Lessius Hogeschool. Antwerp, Belgium. Presenter(s): **De Nil, L.F.**
- 2008 Apr **Presenter.** Contributions of functional and structural brain imaging to our understanding of stuttering. European Symposium on Fluency Disorders. Antwerp, Belgium. Presenter(s): **De Nil, L.F.**
- 2006 Sep **Presenter.** Structural and functional brain imaging of speech fluency disorders. Symposium on Logopedics and Audiology, Catholic University of Leuven. Belgium. Presenter(s): **De Nil, L.F.**
- 2006 Jun **Presenter.** Functional imaging of developmental stuttering: Recent insights and clinical implications. ASHA Special Interest Division 4 – Leadership Conference. Tuscon, Arizona. Presenter(s): **De Nil, L.F.**
- 2006 Jun **Presenter.** Neural bases of fluency disorders in children and adults. Speech Motor Control Conference. Nijmegen, Netherlands. Presenter(s): **De Nil, L.F.** Keynote address.
- 2006 **Presenter.** Neurogen stotteren: systematische gegevensverzameling (Neurogenic stuttering: systematic data collection). Symposium 40 jaar Logopedie en Audiologie aan d K.U.Leuven. Leuven, Belgium. Presenter(s): Theys, C., van Wieringen, A. & **De Nil, L.** (Trainee Presentation).
- 2005 Oct **Presenter.** My brain is bigger than yours - The use of Voxel Based Morphometry (VBM) in the study of developmental stuttering. Department of Speech-Language Pathology, University of Toronto. Presenter(s): **De Nil, L.F.**
- 2005 Feb **Presenter.** Neural mechanisms in developmental stuttering: Overview of current research and what I think it all may mean. Antwerp, Belgium. Presenter(s): **De Nil, L.F.**
- 2004 Nov **Presenter.** Stuttering in 2004: Translating scientific evidence into practice. Annual Convention of the American Speech-Language Association. Philadelphia, Pennsylvania. Conture, E.G. & **De Nil, L. F.**
- 2003 Aug **Invited Panel Chair.** Moving forward a path to solving the crises in clinical practice and research. 4th

- World Congress on Fluency Disorders. Montreal, Canada. Presenter(s): **De Nil, L.F.**
- 2003 Mar **Presenter.** Neurologie en stotteren. Annual Meeting, Dutch Association of Stuttering Treatment Centres. Utrecht, Netherlands. Presenter(s): **De Nil, L.F.** [in Dutch – Neurology and Stuttering].
- 2002 Mar **Presenter.** Stotteren 't zit toch maar allemaal in je hoofd!! Rotterdam, Netherlands. Presenter(s): **De Nil, L.F.** [in Dutch – Stuttering, it's all in the head].
- 2001 Nov **Invited Panel Participant.** Stuttering etiology & diagnostic codes: Researchers' reflections. Annual Conference of the American Speech-Language-Hearing Association. New Orleans, United States. Presenter(s): **De Nil, L.F.**
- 2001 Nov **Invited Panel Participant.** Clinical applications from neuroimaging. Annual Conference of the American Speech-Language-Hearing Association. New Orleans, United States. Presenter(s): **De Nil, L.F.**
- 2001 Jul **Keynote Speaker.** Functional neuroimaging of stuttering: Are we asking the right questions using the right tools? 4th International Nijmegen Speech Motor Conference: Speech Motor Control in Normal and Disordered Speech. Nijmegen, Netherlands. Presenter(s): **De Nil, L.F.**
- 2001 Jun **Keynote Speaker.** What current brain research tell us about stuttering. International Conference on Stuttering, International Stuttering Association and University of Ghent. Belgium. Presenter(s): **De Nil, L.F.**
- 2000 Dec **Presenter.** Searching for the neural basis of stuttering using functional neuroimaging and kinematic approach. School of Communication Sciences and Disorders, McGill University. Presenter(s): **De Nil, L.F.**
- 2000 Nov **Invited Panel Participant.** Speech planning and speech motor determinants of stuttering. Annual Conference of the American Speech-Language-Hearing Association. Washington, District of Columbia. Presenter(s): **De Nil, L.F.**
- 2000 Nov **Invited Panel Participant.** Future directions in stuttering research and treatment. Annual Conference of the American Speech-Language-Hearing Association. Washington, District of Columbia. Presenter(s): **De Nil, L.F.**
- 2000 Mar **Presenter.** Recent advances in the understanding of neural processes in stuttering. Catholic Higher Education Institute. Ghent, Belgium. Presenter(s): **De Nil, L.F.**
- 1999 Nov **Presenter.** Neural effects of intensive treatment of stuttering in adults: A PET investigation. Annual Conference of the American Speech-Language-Hearing Association. San Francisco, United States. **De Nil, L.F.**, Kroll, R. M., McIntosh, A. R., & Houle, S.
- 1999 Jul **Presenter.** Searching for neural mechanisms underlying fluency treatment outcome: Recent neuroimaging findings. Oxford University. London, England, United Kingdom. **De Nil, L.F.**, Kroll, R. M., & Houle, S.
- 1999 May **Presenter.** Searching for the neural basis of stuttering treatment outcome: Recent neuroimaging studies. 7th Annual Conference of the International Clinical Phonetics and Linguistics Association. Montreal, Canada. **De Nil, L.F.**, Kroll, R. M., & Houle, S.
- 1998 Nov **Presenter.** Is it all in the head? Functional neuroimaging research on stuttering with some preliminary thoughts on clinical implications. Michael Palin Institute for Stammering Treatment. London, England, United Kingdom. Presenter(s): **De Nil, L.F.** [Workshop].
- 1998 Nov **Presenter.** De neurologische basis van stotteren: Recente inzichten vanuit de medische beeldvorming. Catholic University of Leuven. Belgium. Presenter(s): **De Nil, L.F.** [The neurological basis of stuttering: Recent findings from functional neuroimaging research].
- 1998 Nov **Presenter.** De functie van kinesthetische gewaarwording in de motorische controle van de spraak in vloeiende en stotterende sprekers. Department of Logopedics, Catholic University of Leuven. Belgium. Presenter(s): **De Nil, L.F.** [Sensorimotor processes in stuttering and the role of kinesthesia in speech motor control].

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- 1998 Feb **Presenter.** Neuroimaging research in stuttering –An overview for physicians. Orlando Health Care Centre. Orlando, United States. Presenter(s): **De Nil, L.F.**
- 1998 Feb **Presenter.** Functional neuroimaging and stuttering: Theoretical and clinical implications. Central State University. Orlando, Florida, United States. Presenter(s): **De Nil, L.F.**
- 1998 Feb **Presenter.** A neurophysiological perspective on stuttering. Department of Communicative Disorders, Central State University. Orlando, Florida, United States. Presenter(s): **De Nil, L.F.**
- 1998 Feb **Presenter.** Strategies for grant applications in speech-language pathology. Department of Communicative Disorders, Central State University. Orlando, Florida, United States. Presenter(s): **De Nil, L.F.**
- 1997 Aug **Invited presenter and panel discussant.** Linguistic and motor correlates of stuttering. Second World Congress on Fluency Disorders. San Francisco, California, United States. Presenter(s): **De Nil, L.F.**
- 1997 Aug **Invited presenter and panel discussant.** Recent research in stuttering: Clinical implications. Second World Congress on Fluency Disorders. San Francisco, California. Presenter(s): **De Nil, L.F.**
- 1997 Jun **Presenter.** Brain talk: Recent neuroimaging studies in stuttering research. Annual Convention of the National Stuttering Project. Buffalo, New York. **De Nil, L.F.** & Kroll, R. M.
- 1996 **Presenter.** Neurophysiological correlates of stuttering: Clinical implications. Third Annual Leadership Conference of the ASHA Special Interest Division in Fluency and Fluency Disorders. Monterey, California. Presenter(s): **De Nil, L.F.**
- 1994 **Presenter.** Neuromotor processes underlying stuttering. Department of Ear, Nose and Throat Disorders, Catholic University at Leuven. Belgium. Presenter(s): **De Nil, L.F.**
- 1994 **Presenter.** Research and clinical issues: The present and the future. The First World Congress on Fluency Disorders, International Fluency Association. Munich. Presenter(s): **De Nil, L.F.** Presentation held as an invited member on a discussion panel with Eugene Cooper, John Harrison, Roger Ingham, Lena Rustin and Hugo Gregory.
- 1991 **Presenter.** Research directions and support. Annual meeting of the ASHA Special Interest Division 4 - Fluency and Fluency Disorders. Atlanta, Georgia. Presenter(s): **De Nil, L.F.**
- 1981 **Presenter.** Child, parent and rehabilitation: A practical approach. Center for Speech and Hearing Rehabilitation. Gent, Belgium. Presenter(s): **De Nil, L.,** Claeys, M. & Demunck, G. Workshop presentation.

Media Appearances

- 2010 Mar 7 **Invited Speaker.** A Conversation about Stuttering - "Everything That You Do Rewires the Brain" (Episode 184). Stuttertalk.com. United States. Presenter(s): **Luc De Nil.** www.stuttertalk.com, Posted by StutterTalk at 3/7/2010. (Presentation to Patients/Public).

Poster presentation

- 2011 Nov **Presenter.** Near-infrared spectroscopy: Reproducibility in Adults with and without Developmental Stuttering - Preliminary Results. Annual Conference of the American Speech-Language-Hearing Association. San Diego, California, United States. Presenter(s): Langevin, M., Rehani, M., Fernandes, I., Hercules, G., Joseph, C., **De Nil, L.,** Kully, D., & Bhambhani, Y.
- 2010 Nov **Presenter.** Endogenous and exogenous response control in children who stutter. Annual convention of the American Speech-Language-Hearing Association. Philadelphia, United States. Presenter(s): Eggers, K., **De Nil, L.,** & Van den Bergh, B.

2. NATIONAL

Abstracts and Other Papers

- 2011 May **Presenter.** Reproducibility of cerebral hemodynamics using Near Infrared Spectroscopy during silent and oral reading in adults with and without developmental stuttering. 13th Rehabilitation Research Colloquium, Queen's University. Ontario, Canada. Presenter(s): Rehani, M., Langevin, M., Fernandes, I., Grant, H., **De Nil, L.**, Kully, D., Joseph, C., Bhambhani, Y.
- 2011 Apr **Presenter.** Motor leaning in adults who stutter: Predictors of Treatment Outcome. Annual meeting of the Canadian Association of Speech-Language Pathologists and Audiologists. Montreal, Quebec, Canada. Presenter(s): Bauerly, K. R., **De Nil, L.**, Kroll, B. M., Grotell, M.
- 2007 Aug **Presenter.** Cool genes and your brain. Workshop presented at the Canadian Stuttering Association Annual Conference. Toronto, Canada. **De Nil, L.F.** & Beal, D. S.
- 2006 Sep **Presenter.** Neural correlates of modified speech production. University Health Network Functional Neuroimaging Rounds. Toronto, Canada. Beal, D.S., Lafaille, S., Crawley, A., Kroll, R., Gracco, V. & **De Nil, L. F.**
- 2006 Jun **Presenter.** An introduction to neuroimaging studies of Developmental Stuttering. Hospital for Sick Children Clinician Scientist Training Program Seminar. Toronto, Canada. Beal, D.S., Lafaille, S., Kroll, R., Gracco, V. & **De Nil, L. F.**
- 2005 Oct **Presenter.** Neural correlates of auditory processing in persons who stutter. Canadian Child Health Clinician Scientist Training Program, 3rd Annual National Symposium. St. John's, Canada. Beal, D. & **De Nil, L.F.**
- 2005 Apr **Presenter.** Decreased automaticity: A possible causal variable of relapse in PWS. CASLPA Convention. Canada. Smits-Bandstra, S & **De Nil, L.F.**
- 2003 Nov **Presenter.** Characteristics of the fluent speech of stutterers: fMRI observations. University Health Network Research Day. Toronto, Canada. **De Nil, L.F.**, Gracco, V. L., Lafaille, S. J. & Pugh, K. Poster presentation.
- 2003 May **Presenter.** Motor learning impairment: A possible causal variable in stuttering. Canadian Association of Speech pathologists and Audiologists Conference. Saint John's, Canada. Smits-Bandstra, S.M. & **De Nil, L. F.** Poster presentation.
- 2002 May **Presenter.** The Rehabilitation Education Program for Stroke (REPS) Project: Overview. 23rd Annual Meeting Inter-Urban Stroke Academic Association. Hamilton, Canada. McEwen, S.E., Polatajko, H. P., Lewis, M., **De Nil, L.**, LeBlanc, K., Mullan, L., Verrier, M., & Watt-Watson, J. Workshop presentation.
- 1999 Aug **Presenter.** Identifying neural changes following stuttering treatment: Results from PET studies. Conference of the Canadian Association for People Who Stutter. Montreal, Canada. Kroll, R.M., **De Nil, L. F.**, & Houle, S.
- 1994 Oct **Presenter.** Prediction of stuttering treatment outcome. Annual Meeting of the Ontario Association of Speech-Language Pathologists and Audiologists. Niagara-on-the-Lake, Canada. **De Nil, L.F.** & Kroll, R. M. Paper presented.
- 1991 Oct **Presenter.** The relationship between locus of control and stuttering treatment outcome. Annual meeting of the Ontario Association of Speech-Language Pathologists and Audiologists. Toronto, Canada. Murphy, C., Orlosky, C., **De Nil, L. F.** & Kroll, R.

Invited Lectures and Other Presentations

- 2012 Apr **Presenter.** Bridging science and practice: How research and treatment of stuttering can inform each other. Fluency Professional Development Conference, Ontario Association of Speech-Language

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- Pathologists and Audiologists. Ontario, Canada. Presenter(s): **De Nil, L.** & Kroll, R.
- 2011 Nov **Presenter.** Brain imaging and stuttering: An update for researchers and clinicians. American Speech-language-hearing Convention. San Diego, United States. Presenter(s): **De Nil, L.**
- 2010 Apr **Presenter.** Recent advances in understanding developmental stuttering: theoretical and clinical implications. Ontario Association of Speech-Language Pathologists and Audiologist. Ontario, Canada.
- 2009 Apr Two sides of a coin: Brain, behaviour, and our understanding of stuttering. Canadian Association of Speech-Language Pathologists and Audiologists Annual Conference. London, Ontario. Presenter(s): **De Nil, L.F.**
- 2008 Oct **Presenter.** Brain imaging of developmental stuttering: Theoretical and clinical implications. Toronto Catholic District School Board. Toronto, Canada. Presenter(s): **De Nil, L.F.**
- 2006 Feb **Presenter.** Functional neuroimaging of modified speech production in typical adult speakers. FIRE Rounds, TWRI, UHN. Toronto. Beal, D.S., **De Nil, L. F.**, Lafaille, S. J., Gracco, V. L., Kroll, R. M. & Crawley, A. C.
- 1999 Jun **Presenter.** Recent research in stuttering. Annual Meeting of the Speech Motor Group. Picton, Ontario, Canada. Presenter(s): **De Nil, L.F.**
- 1998 Oct **Presenter.** Clinical issues in stuttering: Implications from current research findings. Ontario Association of Speech-Language Pathologists and Audiologists Annual Convention. Toronto, Ontario, Canada. Kroll, R.M., **De Nil, L. F.**, & Houle, S.
- 1998 Oct **Presenter.** Stuttering and the Brain. Observations - Interpretations – Speculations. Annual Convention of the Canadian Association of People who Stutter. St. Catherines, Canada. Presenter(s): **De Nil, L.F.**
- 1997 Oct **Presenter.** Functional neuroimaging in the study of speech and language: Techniques, findings, and its contribution to the understanding of stuttering. Ontario Association of Speech-Language Pathologists and Audiologists Annual Convention. Toronto, Ontario, Canada. **De Nil, L.F.** & Kroll, R. M.
- 1997 Aug **Presenter.** Brain talk: What the brain tells us about stuttering. Annual Convention of the Canadian Association of People who Stutter. Vancouver, British Columbia, Canada. Kroll, R.M. & **De Nil, L. F.**
- 1995 **Presenter.** Brain talk: Neurology of stuttering. Annual convention of the Canadian Association of People who Stutter. Toronto, Ontario, Canada. Presenter(s): **De Nil, L.F.** De Nil, L.F. & Kroll, R. M.

3. LOCAL

Abstracts and Other Papers

- 2007 Dec **Presenter.** The onset of acquired stuttering following stroke: What the literature says. Department of Speech-Language Pathology Workgroup, University of Toronto. Toronto, Canada. **De Nil, L.F.**
- 2006 Apr **Presenter.** Brain activation during simulated stuttering: An fMRI study. Languages and Linguistics at the University of Toronto Inaugural Research Symposium. Toronto, Canada. Beal, D.S. & **De Nil, L. F.**
- 2006 Apr **Presenter.** fMRI of stimulated stuttering. Department of Speech-Language Pathology Workgroup, University of Toronto. Toronto, Canada. Beal, D.S., Lafaille, S. & **De Nil, L. F.**
- 2006 Mar **Presenter.** fMRI of developmental stuttering. Hospital for Sick Children Brain and Behaviour Program Meeting. Toronto, Canada. Beal, D.S., Lafaille, S., Kroll, R., Gracco, V. & **De Nil, L. F.**
- 2006 Feb **Presenter.** Functional imaging of modified speech production in typical adult stutterers. University Health Network Functional Neuro-imaging Rounds. Toronto, Canada. Beal, D.S., Lafaille, S. J., Kroll, R. M., Gracco, V. L. & **De Nil, L. F.**

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- 2005 Nov **Presenter.** Developmental and methodological considerations for fMRI studies of speech in children. University Health Network Functional Neuro-imaging Rounds. Toronto, Canada. Beal, D.
- 2002 Nov **Presenter.** Single and dual task language processing in adults who stutter: An fMRI study. University Health Network Research Day. Toronto, Canada. **De Nil, L. F.**, Lafaille, S. J. & Bosshardt, H. -G. Poster presentation. 1st place poster prize in the Medical Technology Innovation Platform.
- 2002 Feb **Presenter.** The Rehabilitation Education Program for Stroke (REPS) Project: Overview. Greater Toronto Area Rehabilitation Network Clinical Education and Research Day. Toronto, Canada. Presenter(s): McEwen, S.E. , Polatajko, H. P., Lewis, M., **De Nil, L. F.**, LeBlanc, K., Mullan, L., Verrier, M., & Watt-Watson, J. Podium presentation.
- 2000 May **Presenter.** Neural processes in stuttering: A neuroimaging study. The Tri-Joint Congress. Toronto, Canada. **De Nil, L.F.**, & Kroll, R. M.
- 2000 May **Presenter.** Tendon vibration effects on oral motor control in stutterers. The Tri-Joint Congress. Toronto, Canada. Loucks, T.M.J. & **De Nil, L. F.**
- 1999 Jun **Presenter.** Searching for the neurobiological basis of stuttering. Recent functional neuroimaging studies. Neuroscience Rounds. Toronto Western Hospital, University Health Network. Toronto, Canada. Presenter(s): **De Nil, L.F.**
- 1996 Mar **Presenter.** An [15O]H₂O PET study of neural processes associated with single word reading in untreated and treated stutterers. 6th Annual Rotman Research Conference, Functional Neuroimaging: Advances and Applications. Toronto, Canada. **De Nil, L.F.**, Kroll, R. M., Kapur, S., Houle, S. Poster presentation.
- 1995 Jun **Presenter.** Regional cerebral blood flow during silent and oral reading in stuttering and nonstuttering adults. 21st Annual Harvey Stancer Research Day, Clarke Institute of Psychiatry. Toronto, Canada. Kroll, R.M., **De Nil, L. F.** & Houle, S.
- 1994 Jun **Presenter.** The relationship of locus of control and long-term treatment outcome in adults who stutter. 20th. Annual Harvey Stancer Research Day, Clarke Institute of Psychiatry. Toronto, Canada. Kroll, R.M. & **De Nil, L. F.**

Invited Lectures and Other Presentations

- 2012 Feb **Presenter.** Brain and Behaviour: The “Ins” and “Outs” of Stuttering. The Anne and Louis Pritzker Wellness Library Lecture, Baycrest Centre for Geriatric Care. Toronto, Ontario, Canada. Presenter(s): **De Nil, L.**
- 2006 Mar **Presenter.** Speech production in stuttering adults: Recent insights from functional imaging. Toronto Western Research Institute Grand Rounds. Presenter(s): **De Nil, L.F.**
- 2001 Apr **Presenter.** Looking inside the stuttering brain. Recent functional neuroimaging research in speech disorders. Toronto Western Research Institute Seminar Series. Toronto. Presenter(s): **De Nil, L.F.**
- 2000 Jun **Presenter.** Stuttering and therapies. Faculty of Dentistry, University of Toronto. Presenter(s): **De Nil, L.F.**
- 2000 May **Presenter.** New approaches to the search for the enigma behind the riddle inside the maze called stuttering. Toronto Western Research Institute. Toronto, Ontario, Canada. Presenter(s): **De Nil, L.F.**
- 2000 Apr **Presenter.** Recent advances in the understanding of neural processes in stuttering. Department of Speech-Language Pathology, Erinoak Hospital, Ontario Association of Audiologists and Speech-Language Pathologists. Mississauga, Canada. Presenter(s): **De Nil, L.F.**
- 2000 Apr **Presenter.** Functional neuroimaging of speech disorders. Neuropsychiatry Rounds, University Health Network. Toronto, Ontario, Canada. Presenter(s): **De Nil, L.F.**
- 2000 Mar **Presenter.** Cerebellar functions during stuttering. Cerebellar Functions Research Laboratory, Hospital for Sick Children. Toronto, Ontario, Canada. Presenter(s): **De Nil, L.F.**

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- 1999 Dec **Presenter.** Neural effects of intensive treatment of stuttering in adults: A PET investigation. Department of Linguistics, University of Toronto. Toronto, Ontario, Canada. Presenter(s): **De Nil, L.F.**
- 1999 Oct **Presenter.** New insights in stuttering from research brain research. International Stuttering Awareness Day Conference. Toronto, Ontario, Canada. Presenter(s): **De Nil, L.F.**
- 1997 May **Presenter.** Stuttering in adults: A positron emission tomography investigation. Sensorimotor Workgroup, Department of Physiology, University of Toronto. Toronto, Ontario, Canada. **De Nil, L.F.,** Kroll, R. M., Kapur, S. & Houle, S. Paper presented.
- 1995 Sep **Presenter.** Positron emission tomography studies of stuttering. Research Forum at the Department of Speech-Language Pathology. Toronto, Ontario, Canada. Presenter(s): **De Nil, L.F.** & Kroll, R. M. Invited paper presented.
- 1995 May **Presenter.** Recent studies using brain neuroimaging in stuttering research. OSLA Fluency Interest Group. Toronto, Ontario, Canada. **De Nil, L.F.** & Kroll, R. M.
- 1995 **Presenter.** Stuttering: Recent research and treatment. Grand Rounds, Clarke Institute of Psychiatry. Toronto, Ontario, Canada. Kroll, R.M. & **De Nil, L. F.**
- 1994 **Presenter.** Oral sensory deficits in adults who stutter: A hypothesis. Research Work Group, Graduate Department of Speech Pathology, University of Toronto. Toronto, Ontario, Canada. Presenter(s): **De Nil, L.F.**
- 1994 **Presenter.** Acquired stuttering. What it is and how to treat it. Neurogenic Communication Disorders Workgroup, Baycrest Hospital. Toronto, Ontario, Canada. Presenter(s): **De Nil, L.F.**
- 1990 **Presenter.** Speech movement characteristics of adult stutterers: Sensory and kinematic aspects. Speech Rounds, The Toronto Hospital - Toronto Western Division. Toronto, Ontario, Canada. Presenter(s): **De Nil, L.F.**
- 1990 **Presenter.** The influence of speech rate and changes in sensory feedback modality on stutterers' and nonstutterers' oral movements. 30Th Anniversary Lecture Series, Graduate Department of Speech Pathology, Faculty of Medicine, University of Toronto. Toronto, Ontario, Canada. Presenter(s): **De Nil, L.F.**
- 1990 **Presenter.** Recent research in speech kinematics and oral sensory integrity of adult stutterers. Hospital for Sick Children. Toronto, Ontario, Canada. Presenter(s): **De Nil, L.F.**
- 1986 **Presenter.** Neuromotor aspects of stuttering: A review of recent research and its clinical implications. Higher Institute for Paramedical Professions. Gent, Belgium. Presenter(s): **De Nil, L.** Workshop presentation.
- senior principal author.** Cortical thickness differences across the neural network for speech motor control in adults who stutter. United States. Presenter(s): Beal, D. S., Lerch, J. P. & **De Nil, L. F.** Poster submitted to the Madonna Rehabilitation Hospital 15th Biennial Conference on Motor Speech [Doctoral thesis reserach. (Trainee Presentation)].

4. OTHER

Abstracts and Other Papers

- 1989 Nov Influence of rate on stutterers' and nonstutterers' speech movement timing. Annual Convention of the American Speech, Language, and Hearing Association. St. Louis, Missouri. **De Nil, L.F.** & Abbs, J. H.

Invited Lectures and Other Presentations

- 1995 May Stuttering and therapies. Faculty of Dentistry, University of Toronto. Presenter(s): **De Nil, L.F.**

F. Research Supervision

1. UNDERGRADUATE EDUCATION

2007 Alyssa Small, Student's Current Position: Human Biology Program (HMB400Y), Student's Current Institution: University of Toronto. *Analysis of neurogenic stuttering in Parkinson's patients with comparison to psychogenic stuttering.*

2. GRADUATE EDUCATION

2007 - present **Primary Supervisor**, K. Eggers, Student's Current Institution: Catholic University Leuven, Belgium. PhD, *Temperamental characteristics of children with developmental stuttering.*

2007 - present **Primary Supervisor**, K. Bauerly, Student's Current Institution: University of Toronto. PhD, *Motor learning in stuttering adults.*

2006 - present **Primary Supervisor**, Catherine Theys, Student's Current Institution: Catholic University Leuven, Belgium. PhD, *Neurogenic stuttering associated with stroke.*

2008 - 2010 **Primary Supervisor**, Joni Van Camp, Student's Current Institution: Catholic University of Leuven (Belgium). MSc, *The role of basal ganglia in developmental and acquired stuttering.*

2008 - 2010 **Primary Supervisor**, Herlinde Dely, Student's Current Institution: Catholic University of Leuven (Belgium). MSc, *Differential diagnosis of neurogenic stuttering from other speech and language problems.*

2007 - 2009 **Primary Supervisor**, Mileen De Frene, Student's Current Institution: Catholic University of Leuven (Belgium). MSc, *Neurogenic Stuttering in Stroke Patients.*

2007 - 2009 **Primary Supervisor**, Hanna Belmans, Student's Current Institution: Catholic University of Leuven (Belgium). MSc, *Speech Disfluencies in Children with ADHD.*

2007 - 2009 **Primary Supervisor**, Leen Lismont, Student's Current Institution: Catholic University of Leuven (Belgium). MSc, *Developing Assessment Guidelines for Adults with Apraxia of Speech.*

2007 - 2009 **Primary Supervisor**, Leen Verluyten, Student's Current Institution: Catholic University of Leuven (Belgium). MSc, *A perceptual study of adults with neurogenic stuttering.*

2007 - 2009 **Primary Supervisor**, Ine Deferme, Student's Current Institution: Catholic University of Leuven (Belgium). MSc, *Central Auditory Processing in School-Age Children.*

2006 - 2008 **Primary Supervisor**, Mies Van Gils, Student's Current Institution: Catholic University of Leuven (Belgium). MSc, *Speech and language characteristics of neurogenic stuttering.*

2006 - 2008 **Primary Supervisor**, Kim Daerden, Student's Current Institution: Catholic University of Leuven (Belgium). MSc, *Assessment of adults with apraxia.*

2006 - 2008 **Primary Supervisor**, Joke De Booser, Student's Current Institution: Catholic University of Leuven (Belgium). MSc, *Auditory processing in children who stutter.*

2005 - 2007 **Primary Supervisor**, Marlies Kersschot, Student's Current Institution: Catholic University of Leuven (Belgium). MSc, *An investigation of speech and language characteristics of patients with neurogenic stuttering.*

2005 - 2007 **Primary Supervisor**, Ine De Geyndt, Student's Current Institution: Catholic University of Leuven (Belgium). MSc, *Speech Characteristics of children with Tourette Syndrome.*

2005 - 2007 **Primary Supervisor**, Nathalie Piessens, Student's Current Institution: Catholic University of Leuven (Belgium). MSc, *Language Characteristics of children with ADHD.*

2005 - 2007 **Primary Supervisor**, D. Beal, Student's Current Institution: University of Toronto. PhD, *The neural basis of auditory processing in people with persistent developmental stuttering.*

2005 - 2006 **Primary Supervisor**, Gail Gumprich, Student's Current Institution: University of Toronto. M.H.Sc, *Neurogenic stuttering, literature review and case study analysis.* Awards: CIHR Professional Master's Research Award.

- 2004 - 2006 **Primary Supervisor**, Joke De Bruyne, Student's Current Institution: Catholic University of Leuven (Belgium). MSc, *Central auditory processing in people who stutter*.
- 2004 - 2006 **Primary Supervisor**, Silke Bellon, Student's Current Institution: Catholic University of Leuven (Belgium). MSc, *Neurogenic stuttering: Symptomatology and differential diagnosis*.
- 2003 - 2005 **Primary Supervisor**, Catherine Theys, Student's Current Institution: Catholic University of Leuven (Belgium). MSc, *Perceptual judgements of stuttering severity*.
- 2002 - 2004 **Primary Supervisor**, Elke Provoost, Student's Current Institution: Catholic University of Leuven (Belgium). MSc, *Cluttering – a critical study of the scientific and clinical literature*.
- 2002 - 2004 **Primary Supervisor**, Veerle De Smet, Student's Current Institution: Catholic University of Leuven (Belgium). MSc, *Neurogenic stuttering – a critical study of the scientific and clinical literature*.
- 2001 - 2006 **Primary Supervisor**, S. Smits-Bandstra, Student's Current Institution: University of Toronto. PhD, *Motor learning in stuttering adults*. Awards: TRI, NSERC.
- 2001 - 2003 **Primary Supervisor**, Marijke De Boeck, Student's Current Institution: Catholic University of Leuven (Belgium). MSc, *Neurogenic stuttering. A survey study of current knowledge and clinical practice in Flanders*.
- 2001 - 2003 **Primary Supervisor**, Annelies Van Avermaet, Student's Current Institution: Catholic University of Leuven (Belgium). MSc, *Cluttering. A survey study of associated disorders and current clinical practice in Flanders*.
- 2000 - 2002 **Primary Supervisor**, S. Buyckx, Student's Current Institution: Catholic University of Leuven (Belgium). MSc, *Effectiveness of an intensive group therapy for severe stuttering children*.
- 2000 - 2002 **Primary Supervisor**, I. Gielen, Student's Current Institution: Catholic University of Leuven (Belgium). MSc, *Effectiveness of an intensive group therapy for severe stuttering children*.
- 2000 - 2002 **Primary Supervisor**, A. Morreel, Student's Current Institution: Catholic University of Leuven (Belgium). MSc, *Effectiveness of an intensive group therapy for severe stuttering children*.
- 1999 - 2008 **Supervisory Committee**, A. Namasivayan, Student's Current Institution: University of Toronto. PhD, *Adaptation in stuttering*.
- 1999 - 2006 **Primary Supervisor**, J. Sasisekaran, Student's Current Institution: University of Toronto. PhD, *Cognitive-linguistic and motor processes in stuttering*. Awards: TRI, NSERC.
- 1999 - 2005 **Supervisory Committee**, D. Allison, Student's Current Institution: University of Toronto. PhD, *A study of swallowing intervention*.
- 1998 - 1999 **Supervisory Committee**, S. Tingley, Student's Current Institution: University of Toronto. MSc, *Articulatory kinematics in spasmodic dysphonia*.
- 1997 - 2000 **Supervisory Committee**, R. Patel, Student's Current Institution: University of Toronto. PhD, *Augmentative Alternative Communication*.
- 1996 - 2002 **Primary Supervisor**, T. Loucks, Student's Current Institution: University of Toronto. PhD, *Oral proprioceptive abilities in adults who stutter*.
- 1996 - 1999 **Primary Supervisor**, J. Anderson, Student's Current Institution: University of Toronto. MSc, *Clinical effectiveness of thyroplasty for the treatment of voice disorders resulting from unilateral cord paralysis*.
- 1995 - 1996 K. Brundle, Student's Current Institution: University of Toronto. M.H.Sc, *Long-term treatment efficacy for a parent counseling group*.
- 1995 - 1996 L. Junk, Student's Current Institution: University of Toronto. M.H.Sc, *Long-term treatment efficacy for a parent counseling group*.
- 1995 - 1996 S. Kryvian, Student's Current Institution: University of Toronto. M.H.Sc, *Long-term treatment efficacy for a parent counseling group*.
- 1993 - 1994 M. Dujmovic, Student's Current Institution: University of Toronto. M.H.Sc, *Brain imaging of cortical activity in adult stutterers*.
- 1993 - 1994 D. Zeidler, Student's Current Institution: University of Toronto. M.H.Sc, *Brain imaging of cortical activity in adult stutterers*.
- 1993 - 1994 L. Difranco, Student's Current Institution: University of Toronto. M.H.Sc, *Brain imaging of*

cortical activity in adult stutterers.

- 1992 - 1993 L. Archibald, Student's Current Position: Ontario Ministry of Health Research Trainee. M.H.Sc, *Sensorimotor characteristics of speech in stutterers.*
- 1992 - 1993 K. Munro, Student's Current Institution: University of Toronto. M.H.Sc, *Performance variables and stuttering treatment outcome.*
- 1992 - 1993 Ch. Bellerby, Student's Current Institution: University of Toronto. M.H.Sc, *Performance variables and stuttering treatment outcome.*
- 1991 - 1992 E. Pepe, Student's Current Institution: University of Toronto. M.H.Sc, *Performance variables and stuttering treatment outcome.*
- 1991 - 1992 L. Ulrich, Student's Current Institution: University of Toronto. M.H.Sc, *Performance variables and stuttering treatment outcome.*
- 1991 - 1992 N. Otterbein, Student's Current Institution: University of Toronto. M.H.Sc, *Kinematic analysis of stuttering adaptation.* Awards: NSERC Scholarship.
- 1990 - 1991 J. Langevin, Student's Current Institution: University of Toronto. M.H.Sc, *What factors account for stutterers' oral formulation difficulties?.*
- 1990 - 1991 S. Martin, Student's Current Institution: University of Toronto. M.H.Sc, *What factors account for stutterers' oral formulation difficulties?.*
- 1990 - 1991 C. Willar, Student's Current Institution: University of Toronto. M.H.Sc, *The effect of speech and/or language delay on voice onset time in young stutterers.*
- 1990 - 1991 E. Strom, Student's Current Institution: University of Toronto. M.H.Sc, *The effect of speech and/or language delay on voice onset time in young stutterers.*
- 1990 - 1991 C. Murphy, Student's Current Institution: University of Toronto. M.H.Sc, *The relationship of Locus of Control to fluency therapy outcome and maintenance.*
- 1990 - 1991 C. Orłowski, Student's Current Institution: University of Toronto. M.H.Sc, *The relationship of Locus of Control to fluency therapy outcome and maintenance.*
- 1984 E. Tachelet, Student's Current Institution: Higher Institute for Paramedical Professions, Gent, Belgium. MSc, *Group therapy: Theory and clinical applications.*
- 1984 G. Filieux, Student's Current Institution: Higher Institute for Paramedical Professions, Gent, Belgium. MSc, *The Two-Factor theory of G.J. Brutten: A learning theory based approach to stuttering.*
- 1984 V. Colfs, Student's Current Institution: Higher Institute for Paramedical Professions, Gent, Belgium. MSc, *The Behavior Assessment Battery of G.J. Brutten. A theoretical description.*
- 1983 M. De Rick, Student's Current Institution: Higher Institute for Paramedical Professions, Gent, Belgium. MSc, *The role of imitation in the onset of stuttering.*
- 1983 R. De Nil, Student's Current Institution: Higher Institute for Paramedical Professions, Gent, Belgium. MSc, *Group counseling with parents of stuttering children.*
- 1982 A. Lavigne, Student's Current Institution: Higher Institute for Paramedical Professions, Gent, Belgium. MSc, *Coping problems among main-streamed hearing impaired adolescents and their parents.*
- 1982 J. Denewet, Student's Current Institution: Higher Institute for Paramedical Professions, Gent, Belgium. MSc, *Main-streaming of hearing impaired children. A theoretical and clinical study based on System Theory.*