

# **CURRICULUM VITAE**

## **Natalie Anne Phillips**

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### **EMPLOYMENT AND ACADEMIC HISTORY**

June, 2010-	Professor, Department of Psychology, Concordia University, Montréal, Québec
June, 2010- June, 2008-2009	Director of Clinical Training, Department of Psychology, Concordia University, Montréal, Québec
June, 2001-2010	Associate Professor, Department of Psychology, Concordia University, Montréal, Québec
February, 1998 -	Principal Member, Centre for Research in Human Development, Concordia University
September, 2001 -	Fellow of the Science College, Concordia University, Montréal, Québec
June, 2006 -	Principal Member, Centre Research for Language, Mind and Brain / Centre Research for Brain, Language, and Music
June, 2004-2005 June, 1999-2002	Director, Applied Psychology Centre, Department of Psychology, Concordia University, Montréal, Québec
July, 1996-June, 2001	Assistant Professor, Department of Psychology, Concordia University, Montréal, Québec

### ***Cross Appointments***

February, 2001 -	Researcher, Bloomfield Centre for Research in Aging, Lady Davis Institute for Medical Research, Montréal, Québec
July, 1996-	Associate Member, Department of Neurology, Clinical Neuroscience, Jewish General Hospital, Montréal, Québec
July, 1996-	Senior Researcher, Lady Davis Institute for Medical Research, Montréal, Québec

**EDUCATION**

- 1990-1996     Doctor of Philosophy, Clinical Psychology (CPA/APA-accredited program)  
 Dalhousie University, Halifax, Nova Scotia, B3H 4J1  
Thesis Title: Neuropsychological function in patients with peripheral vascular disease.  
Supervisor: Charles Mate-Kole, Ph.D.
- 1988-1990     Master of Science, Psychology  
 Dalhousie University, Halifax, Nova Scotia, B3H 4J1  
Thesis Title: Neurophysiological correlates of encoding into episodic memory in young and old adults. Supervisor: Gail Eskes, Ph.D.
- 1983-1987     Honours Bachelor of Science, Psychology  
 Dalhousie University, Halifax, Nova Scotia, B3H 4J1  
Honours Thesis: The effects of degraded stimuli and sentential constraint on the N400 response of the event-related potential. Supervisor: John Connolly, Ph.D.

**RESEARCH GRANTS**

- 2017            Investigators: N.A. Phillips  
 agency: Centre for Research on Brain, Language, and Music, McGill University  
 project: Measures of cognitive reserve and brain reserve in multilingual persons with or at risk for dementia  
 amount awarded: \$3,000
- 2017-2021     Investigators: S. Baum, V. Gracco, D. Klein, N.A. Phillips & D. Titone  
 agency: Fonds de recherche Québec – société et culture, Soutien aux équipes de recherche  
 project: Multilinguisme: les défis et les impacts cognitifs et socio-culturels (2018-SE-206856)  
 amount awarded: \$316,000
- 2017-2018     Investigators: W. Wittch (P.I.), D. Guthrie, P. Mick, N.A. Phillips, M.K. Pichora-Fuller, & H. Hoffman  
agency: Canadian Institutes of Health Research: CLSA Catalyst Grant  
project: The interactions of sensory, cognitive, and social factors and their influence on the health and quality of life of older Canadians  
amount awarded: \$68,000
- 2017 NSERC CREATE in Complex Dynamics of Brain and Behaviour, Program Mentor. PI: Caroline Palmer.
- 2016-2021     Investigators: H. Chertkow (P.I.), D. B. Hogan, E. E. Smith, K. Rockwood, N.A. Phillips, R. A. Dixon, T. Y. L. Lui-Ambrose, I. Fortier, & S. Duchesne, et al.  
agency: Canadian Institutes of Health Research  
project: Broad and Deep Analyses in Neurodegeneration (BRAIN)  
amount awarded: \$4,750,000

- 2016      Investigators: N. Phillips, & W. Wittich  
agency: Réseau Québécoise de Recherche sur le Vieillissement (RQRV)- Aide à l'organisation de colloque et symposium (LEVIER)  
project: How to incorporate screening for cognitive, vision and falls risks into practice  
amount awarded: \$2,700
- 2016-2017      Investigators: W. Wittich (P.I.), D. Guthrie, & N. Phillips  
agency: Réseau Québécoise de Recherche sur le Vieillissement (RQRV)- Partnership Program  
project: Early detection of sensory impairment at front-line health services: A study to examine standardized assessments in older adults  
amount awarded: \$15,000 (plus \$7,500 partner funding from CRIR/Centre de réadaptation MAB-Mackay du CIUSSS du Centre-Ouest-de-l'Île-de-Montréal and \$ 7,500 partner funding from CRIR/Institut Nazareth et Louis-Braille du CISSS de la Montérégie-Centre)
- 2016-2017      Investigators: W. Wittich (P.I.), A. Johnson, JA. Marinier, K. Southall, N. Phillips, S. Fraser, N. Duponsel, N. Bergeron  
agency: FRQ-S: Recherches sur la dégénérescence maculaire liée à l'âge (Programme DMLA)  
  
project: A mixed-methods approach to characterize stereotype beliefs associated with assistive devices used in the rehabilitation of age-related macular degeneration  
amount awarded: \$50,000
- 2014-2019      Investigators: N. Phillips (P.I.), J. Campos, D. Guthrie, K. Hunter, P. Mick, B. Parke, K. Pichora-Fuller, J.B. Orange, M. Savundranayagam & W. Wittich  
agency: Canadian Institutes of Health Research  
project: Canadian Consortium on Neurodegeneration in Aging (CCNA) - Team 17: Interventions at the Sensory and Cognitive Interface  
amount awarded: \$745,772
- 2013-2017      Investigators: S. Baum, V. Gracco, D. Klein, N.A. Phillips & D. Titone  
agency: Fonds de recherche Québec – société et culture, Soutien aux équipes de recherche  
project: Multilinguisme: les défis et les impacts cognitifs et socio-culturels  
amount awarded: \$326,920
- 2012-2015      Investigators: K. Li (P.I.), L. Bherer, J. Campos, J. Gagne, N. A. Phillips, K. Pichora-Fuller, N. St-Onge  
agency: Canadian Institutes of Health Research, Institute of Aging  
project: The impact of hearing impairment on mobility in older adults: Moving from lab to life  
amount awarded: \$307,977 in total

- 2012-2013     Investigators: N. A. Phillips, L. Bherer, T. Falk  
agency: Réseau Québécois de Recherche sur le Vieillissement (RQRV)- Axe Cognition Pilot Project  
project: Portable and Low-Cost Objective Assessment of Cognitive Fitness Interventions for Older Adults  
amount awarded:     \$8,500
- 2012-2014     Investigators: N. A. Phillips  
agency: VPRGS Seed Funding Program – Individual Project, Concordia University  
project: Low-cost objective assessment of cognitive fitness interventions for older adults  
amount awarded:     \$7,000
- 2012            Investigators: D. Titone, S. Baum, D. Klein, N. A. Phillips  
agency: Centre for Research in Brain, Language, and Music (CRBLM) Research Incubator Award  
project: The Montreal Multilingualism Project: Delineating the consequences of bilingualism in healthy younger adults for cognitive control, language processing, and their structural brain correlates  
amount awarded:     \$15,000
- 2011-2016     Investigators: W. Bukowski (P.I.), E. Barker, A. Bernier, A. Bertone, T. Bouffard, K. Byers-Heinlein, R. DeMont, M. Dirks, K. Dunfield, M. Ellenbogen, J-P. Gagné, N. Hall, N. Howe, S. Kairouz, S. King, K. Li, S. Martin-Chang, L. Nadeau, H. Osana, V. Penhune, H. Petrakos, N. Phillips, D. Poulin-Dubois, H. Recchia, L. Serbin, S. Sirois, D. Stack, R. Tessier, N. Trudeau, M-H. Véronneau, C. Vezeau & C.Wrosch  
agency: VPRGS - Concordia University  
project: Centre de Recherche en Développement Humain / Centre for Research in Human Development  
amount awarded: \$70,000 per annum (total \$350,000)
- 2010-2015     Investigator: F. Karayanidis, B.U. Forstmann, R.K. Lenroot, A. Parsons, W. Mark, P.T. Michie, N.A. Phillips, E.J. Wagenmakers  
agency: Australian Research Council  
project: Cognitive flexibility from adolescence to senescence: variability associated with cognitive strategy and brain connectivity  
amount awarded:     2012-2013: \$144,000.00, 2014: \$99,000.00; Total \$387,000.00
- 2010-2018     Investigator: N.A. Phillips  
agency: NSERC (Natural Sciences and Engineering Research Council of Canada) Discovery Grant  
project: Executive control of language in young and older bilinguals  
amount awarded:     \$42,000 per annum (operating)

- 2010-2012    Investigator(s): N.A. Phillips, E. Johns  
agency: Alzheimer Society of Canada  
project: "Executive Function and EEG Coherence in Mild Cognitive Impairment and Alzheimer Disease"  
amount awarded:     ~ \$59,000 per annum (operating)
- 2009-2010    Investigator: N.A. Phillips  
agency: NSERC (Natural Sciences and Engineering Research Council of Canada) Discovery Grant  
project: "Executive control of language in young and older bilinguals"  
amount awarded:     \$20,000 per annum (operating)
- 2009-2010    Investigators: D. Klein, and N.A. Phillips (co-PIs)  
agency: G.W. Stairs Memorial Fund, McGill University  
project: "An investigation of word form and meaning in bilinguals"  
amount awarded:     \$14,000
- 2009-2013    Investigator(s): N.A. Phillips, J.-P. Gagné  
agency: Canadian Institutes of Health Research  
project: "Perceptual and cognitive mechanisms of audio-visual speech perception in younger and older adults@  
amount awarded:     Year 1: \$38,962, Year 2: \$79,749, Year 3: \$65,353, Year 4: \$56,644, Year 5: \$28,997
- 2009           Investigator: N.A. Phillips  
agency: Concordia University VPRGS Seed/Accelerator Funding Program  
project: "The impact of audio-visual speech processing on working memory@  
amount awarded:     \$7000
- 2008           Investigator(s): N.A. Phillips, E. Johns, H. Chertkow, D. Lorrain  
agency: Réseau Québécois de Recherche sur le Vieillissement (RQRV)- Axe Cognition Pilot Project  
project: "Executive Function and EEG Coherence in Mild Cognitive Impairment and Alzheimer's Disease"  
amount awarded:     \$5000
- 2007-2009    Investigator(s): N.A. Phillips, S. Baum, V. Taler  
agency: Alzheimer Society of Canada  
project: "Comprehension of phonetic and prosodic information with audio-visual and linguistic cues in Alzheimer=s disease and mild cognitive impairment"  
amount awarded:     Year 1: \$74,947; Year 2: \$70,563
- 2008-2009    Investigator(s): L. Serbin (P.I.), plus all CRDH Members (Aboud, Bouffard, Bukowski, Burgos, Chamberland, Conway, DeMont, Des-Rivieres, Doyle, Ellenbogen, Etezadi, Hastings, Howe, Jacobs, Julien, Li, Penhune. Petrakos, Phillips, Poulin-Dubois, Pushkar, Ross, Sandberg, Scala, Schwartzman, Stack, Tamblyn, Tessier, Weinfeld, Wrosch, Zelazo  
agency: MDEIE (Ministere du Développement économique, de l'Innovation et de

l'Exportation; Program: Appui du financement d'infrastructures de recherche  
project: CRDH: Facilitating multi-disciplinary studies across the lifespan  
amount awarded: \$ 233,865

- 2007-2008 Investigator(s): N.A. Phillips, J.-P. Gagné  
agency: Canadian Institutes of Health Research, Institute of Aging  
project: "Perceptual and cognitive mechanisms of audio-visual speech perception in younger and older adults"  
amount awarded: \$ 74,646
- 2007-2012 Investigator(s): Dugas, M. J., Radomsky, A. S., Phillips, N. A., Bukowski, W. M., Turcotte, J., Savard, P., & Gaudet, A.  
agency: Canadian Institutes of Health Research  
project: Cognitive-behavioural treatment for generalized anxiety disorder: Impact of cognitive processing on short- and long-term outcomes  
amount awarded: \$250,205 in total
- 2007-2010 Investigator(s): Dugas, M. J., Koerner, N., Radomsky, A. S., & Phillips, N. A.  
agency: Canadian Institutes of Health Research  
project: Experimental manipulation of cognitive variables in generalized anxiety disorder: Impact on uncertainty processing and worry  
amount awarded: \$182,853
- 2007 Investigator(s): S. Baum, N.A. Phillips, V. Taler  
agency: Centre for Research in Language, Mind, and Brain, McGill University  
project: "Audio-visual and contextual enhancement in the comprehension of phonetic and prosodic in Alzheimer's disease and mild cognitive impairment"  
amount awarded: \$10,000
- 2006-2009 Investigator(s): N.A. Phillips, V. Dwivedi, S. Baum  
agency: Social Sciences and Humanities Research Council  
project: "An electrophysiological investigation of processing quantifiers in discourse"  
amount awarded: Year 1: \$ 44,827, Year 2: \$ 47,900, Year 3: \$ 47,900
- 2005-2006 Investigator(s): N.A. Phillips, D. Klein, F. Genesee, D. Titone  
agency: Centre for Research in Language, Mind, and Brain, McGill University  
project: "Language processing in young and old bilingual and monolingual adults"  
amount awarded: \$ 10,000
- 2005-2006 Investigator(s): D. Titone, D. McFarland, C. Palmer, N.A. Phillips  
agency: Centre for Research in Language, Mind, and Brain, McGill University  
project: "The neural basis of conversational interaction"  
amount awarded: \$ 10,000
- 2005-2006 Investigator(s): N.A. Phillips (P.I.), co-investigator(s): J.-P. Gagné, D. Saumier  
agency: CIHR Pilot Projects Grants, Institute of Aging  
project: "Perceptual and cognitive mechanisms of audio-visual speech perception in aging"

- amount awarded: \$ 49,793
- 2004-2010 Investigator(s): L. Serbin (P.I.), including N.A. Phillips and 33 others  
agency: Fonds du Québec pour la recherche en société et culture - Regroupement Stratégiques (FQRSC)  
project: "CRDH - Centre for Research in Human Development"  
amount awarded: \$ 1,658,766
- 2004-2008 Investigator(s): D. Stack, L. Serbin, P. Hastings, A. Schwartzman, N.A. Phillips, D. Poulin-Dubois  
agency: Fonds du Québec pour la recherche en société et culture - Regroupement Stratégiques (FQRSC)  
project: "The development of emotional competence: Innovative methodologies and focused applications"  
amount awarded: \$ 320,710
- 2004-2009 Mentor, CIHR Strategic Research Training Program in Communication and Social Interaction in Healthy Aging (2004 - ); B.A. Schneider (P.I.), with P. Bennett, M. Daneman, J. Faubert, J.P. Gagné, H. Kunov, K. Li, K. Pichora-Fuller, N. Phillips, C. Scialfa, A. Sekuler, P. Spadafora
- 2004-2007 Investigator(s): M. Dugas, N.A. Phillips, A. Radomsky  
agency: CIHR  
project: "Intolerance of uncertainty and fear of anxiety in generalized anxiety disorder: Cognitive processing in nonclinical and clinical samples"  
amount awarded: \$ 52, 237 per annum (operating)
- 2004 Investigator(s): V. Dwivedi, S. Baum, N.A. Phillips, K. Steinhauer  
agency: Centre for Research in Language, Mind, and Brain, McGill University  
project: "Electrophysiological Studies of Discourse Comprehension"  
amount awarded: \$ 7500
- 2004 Investigator(s): V. Gracco, D. Saumier, N.A. Phillips, S. Baum  
agency: Centre for Research in Language, Mind, and Brain, McGill University  
project: "Event Related fMRI and Brain Potential Imaging of sentence comprehension and phonological priming"  
amount awarded: \$ 7500
- 2004 Investigator(s): D. Saumier, N.A. Phillips, S. Baum, V. Gracco  
agency: Regroupement Provincial de Recherche en Imagerie Cérébrale (REPRIC) Integration Program - Pilots Projects  
project: "Event Related fMRI and Brain Potential Imaging of sentence comprehension"  
amount awarded: \$ 10,000
- 2003-2007 Investigator: N.A. Phillips  
agency: NSERC (Natural Sciences and Engineering Research Council of Canada)  
project: "Electrical brain mechanisms of executive control in task switching"  
amount awarded: \$15,000 per annum (operating)

- 2003-2005     Investigator: N.A. Phillips  
agency: Alzheimer Society of Canada  
project: "Executive control of attention in Alzheimer's disease and mild cognitive impairment@  
amount awarded: Year 1: \$66,493, Year 2: \$46,985  
Ranked #1 in the 2002/03 Social/Psychological Research Grant competition
- 2003-2004     Investigator(s): L. Serbin (P.I.), including N.A. Phillips and 22 others  
agency: Fonds du Quebec pour la recherche en societe el culture - Regroupement Strategiques (FQRSC)  
project: "CRDH - Centre for Research in Human Development"  
amount awarded:        \$ 100,000
- 2002            Investigator(s): M. Singer (P.I.), including N.A. Phillips and 15 others  
agency: Department of Psychology, Concordia University  
project: "CIHR - Development Program"  
amount awarded:        \$ 80,000
- 2001-2005     Investigator(s): Y. Joannette and H. Chertkow (P.I.s), including N.A. Phillips and 12 others  
agency: Valorisation-Recherche Québec  
project: "Consortium Cognition et Vieillessement@  
amount awarded: Operating: \$ 1,656,000 over 4 years  
Projects funded from this agency:
- 2004-2005     Investigator(s): N.A. Phillips, V. Taler, D. Saumier, H. Chertkow  
project: Sentence processing in AD and MCI: predictive measures and the effects of donepezil  
amount awarded: \$ 15,000
- 2003-2004     Investigator(s): N.A. Phillips, V. Dwevedi, and S. Baum  
project: Discourse and modal processing in aging and Alzheimer=s disease: A pilot study  
amount awarded: \$ 7,000
- 2003-2004     Investigator(s): N.A. Phillips, S. Auchterlonie, D. Saumier, H. Chertkow  
project: Semantic memory impairment in Alzheimer=s disease and semantic dementia: Evidence from proactive interference  
amount awarded: \$ 7,000
- 2000-2005     Investigator: N.A. Phillips  
agency: Canadian Institutes of Health Research (CIHR) Health Career Award - New Investigator  
project: "Language and executive control in aging@  
amount awarded: Operating: \$50,000 per annum over 5 years

- 2000-2003     Investigator(s): M. Conway (P.I.), T.Y. Arbuckle, M. Dugas, N.A. Phillips, D. Pushkar, J. Steinberg  
agency: FCAR Équipes (Fonds pour la Formation de Chercheurs et l'Aide à la Recherche)  
project: "The maintenance of competence during adulthood: Issues relating to control@  
amount awarded: Operating: \$81,900 per annum over 3 years
- 2000            Investigator: N.A. Phillips  
agency: FCAR (Fonds pour la Formation de Chercheurs et l'Aide à la Recherche)  
Equipment  
project: "Software and amplifiers for an event-related brain potential lab@  
amount awarded: Equipment: \$49,457
- 2000            Investigator(s): S. Baum (P.I.), H. Chertkow, H. Cohen, M. Crago, F. Genesee, D. Ostry, M. Paradis, N. Phillips, N. Spada, L. White  
agency: Canada Foundation for Innovation - Innovation Fund  
project: AMontreal Network for the Study of Language, Mind and Brain@  
amount awarded: Intrastructure: \$ 1,736,687
- 1999-2003     Investigator(s): L. Serbin (P.I.), including N.A. Phillips and 21 others  
agency: Ministre de l'Éducation du Québec (FCAR)  
project: "CRDH - Centre for Research in Human Development"  
amount awarded:     \$ 720,000 (operating); \$ 32,500 (equipment)
- 1999-2003     Investigator: N.A. Phillips  
agency: NSERC (Natural Sciences and Engineering Research Council of Canada)  
project: "The impact of working memory capacity and inhibition efficiency in language processing in young and old adults"  
amount awarded:     \$13,650 per annum (operating); \$12,410 (equipment)
- 1998-2000     Investigator(s): H. Chertkow (P.I.), M. Beauregard, H. Bergman, S. Murtha, N. Phillips, R. Schondorf  
agency: MRC-PMAC (Medical Research Council of Canada - Pharmaceutical Manufacturers of Canada)  
project: "In-vivo markers for cholinergic drug response in Alzheimer=s disease"  
amount awarded:     Year 1: \$182,837, Year 2: \$162,687
- 1997-2000     Investigator: N.A. Phillips  
agency: FCAR Nouveaux Chercheurs (Fonds pour la Formation de Chercheurs et l'Aide à la Recherche)  
project: "Testing the permanency of semantic memory using event-related brain potentials in subjects with and without semantic memory impairment"  
amount awarded:     Operating: \$14,000 per annum over 3 years; Equipment: \$15,000

- 1997-2000     Investigator(s): T.Y. Arbuckle, M. Conway, N.A. Phillips, D. Pushkar, J. Steinberg  
agency: FCAR Équipes (Fonds pour la Formation de Chercheurs et l'Aide à la Recherche)  
project: "The maintenance of competence in the elderly"  
amount awarded: Operating: \$60,000 per annum over 3 years
- 1997            Investigator: N.A. Phillips  
agency: Alzheimer Society of Montréal  
project: "Psychological, electrophysiological, and structural measures of memory function in Alzheimer's disease";  
amount awarded: \$2500
- 1996-1999     Investigator: N.A. Phillips  
agency: Faculty Research Development Program, Concordia University  
project: "Event-related brain potential investigations of episodic and semantic memory in Alzheimer's Disease";  
Operating: \$17,000 per annum over 3 years; Equipment: \$15,000
- 1991-1992     agency: Scottish Rite Charitable Foundation of Canada  
project: "Neurophysiological and Neuropsychological Investigation of Alzheimer's Disease and Multi-Infarct Dementia"; Operating: \$4000

## **AWARDS**

- 2002            Concordia University Junior Research Fellow - \$5000
- 2000-2005     Canadian Institutes of Health Research (CIHR) Health Career Award - New Investigator \$50,000 per annum

## **SCHOLARSHIPS**

### ***Post-Doctoral***

- 1996            Alzheimer Society of Canada Post-Doctoral Award (declined) - Year 1: \$26,790, Year 2: \$28,650
- 1996            Fonds de la Recherche en Santé du Québec (FRSQ) Bourse Postdoctorat (declined) - \$21,800
- 1996            Social Sciences and Humanities Research Council (SSHRC) Post-Doctoral Award (declined) - \$32,000

### ***Doctoral and Pre-Doctoral***

- 1995            Department of Clinical Neurosciences Research Day, University of Calgary, Best Paper Presentation in Neuroscience - \$250
- 1992            The Phyllis Horton Memorial Student Bursary, Alzheimer's Society of Nova Scotia - \$500
- 1992-1993     Dalhousie University Graduate Fellowship - \$11,500
- 1991-1992     Natural Sciences and Engineering Research Council (NSERC) Post-Graduate Fellowship - \$16,700
- 1990-1991     Natural Sciences and Engineering Research Council (NSERC) Post-Graduate Fellowship - \$15,600
- 1988-1990     Dalhousie University Graduate Fellowship - \$10,560
- 1989            Dalhousie University Graduate Travel Award - \$500

1983-1984 N.A.S. Bermuda Chapel Fund - \$1200

### **Professional Licensing**

Registration in the *Ordre des psychologues du Québec*; permit no. 09177-01

### **PROFESSIONAL/SCIENTIFIC MEMBERSHIPS**

Society for Psychophysiological Research, since 1990

American Psychological Association, since 1994

Division 40 (Neuropsychology), since 1997

Division 20 (Adult Development and Aging) since 1999

International Neuropsychology Society, since 1993

FRQS Réseau Québécois de Recherche sur le Vieillissement (RQRV) - Axe Cognition, since 1997

Regroupement Provincial de Recherche en Imagerie Cérébrale, since 2003

### **CONTRIBUTIONS TO PROFESSIONAL PRACTICE**

- \$ Women in Cognitive Science – Canada (WiCSC) Advisory Board Member, 2017-2022
- \$ Governing Body member and Axis Leader (“Health and Wellbeing Across the Lifespan”) for Concordia University Research Centre engAGE, 2017-2019
- \$ National leader for the Neuropsychology Working Group, Canadian Consortium on Neurodegeneration in Aging (CCNA), 2014 –
- \$ Clinical Cohort Platform Working Group member, Canadian Consortium on Neurodegeneration in Aging (CCNA), 2014 –
- \$ Member, NSERC Biological Systems and Functions Evaluation Group (1502), June 2014-2017.
- \$ Member, CIHR Behavioural Sciences B (BSB) Committee (2013)
- \$ Co-Director, FRSQ Réseau Québécois de Recherche sur le Vieillissement (RQRV)-Axe Cognition (05/2013- )
- \$ Chair of the Quality of Life research review panel, *Alzheimer Society of Canada* (2013-2014).
- \$ Member, Research Policy Committee, *Alzheimer Society of Canada* (2013-2014).
- \$ Member of the Quality of Life research review panel, *Alzheimer Society of Canada* (2011-2014).
- \$ Member of the review committee for post-doctoral awards, Health Research Training A - Ph.D. *Canadian Institutes for Health Research (CIHR)* (2009-2012).
- \$ CIHR Delegate for Concordia University (2004 - 2007)
- \$ Associate Editor, *Psychophysiology* (2006 - 2009)
- \$ Associate Editor, *Biological Psychology* (2003 - 2005)
- \$ Member of the review committee for post-doctoral awards, *Fonds de la Recherche en Santé du Québec* (1997-2000).
- \$ Member of the review committee for fellowship awards, *Ontario Mental Health Foundation*

(2000-2006).

- \$ External reviewer for the following research grant competitions:
  - \$ Alzheimer=s Society of Canada (1999, 2002)
  - \$ Canadian Institutes for Health Research (CIHR) (2001)
  - \$ Fonds de la Recherche en Santé du Québec (FRSQ) (1999)
  - \$ Natural Sciences and Engineering Research Council of Canada (NSERC) (2002, 2003, 2006)
  - \$ Neurological Foundation of New Zealand (2003; 2004)
  - \$ Saskatchewan Health Research Foundation (2004)
  - \$ College of Reviewers for the Canada Research Chairs Program, 2003-07
- \$ Reviewer for the following journals: *American Journal of Audiology* (2010), *Canadian Journal of Experimental Psychology* (2001), *Cognitive, Affective, and Behavioral Neuroscience* (2012), *Frontiers in Systems Neuroscience* (2013), *Health Psychology; Language and Cognitive Processes* (2010), *Psychology and Aging* (2005), *Psychosomatic Medicine, Neuroscience Letters* (2001), *Psychophysiology* (2000, 2001, 2011, 2013)
- \$ Executive committee, VRQ Consortium Cognition et Vieillissement.(April, 2001 - 2005)

## **WORKSHOPS PRESENTED**

### ***Public***

- \$ AMemory Enhancement in the Older Adult: A Workshop,@ Cummings Jewish Centre for Seniors, Montreal, November 23, 2003; April 16<sup>th</sup>, 2004; November 12<sup>th</sup> & 19<sup>th</sup>, 2004

### ***Professional***

- AMentoring relationships.@ Invited presentation at the Canadian Association on Gerontology 45<sup>th</sup> Annual Scientific and Education Meeting, Montreal, QC, October 20, 2016.
- AResearch highlights from the Quebec Network for Research on Aging (RQRV) - Cognition Group.@ Chair, symposium at the Canadian Association on Gerontology 45<sup>th</sup> Annual Scientific and Education Meeting, Montreal, QC, October 21<sup>st</sup>, 2016.
- “Considerations on dual-sensory loss and cognitive decline in older adults.” Chair, symposium at the Canadian Association on Gerontology 45<sup>th</sup> Annual Scientific and Education Meeting, Montreal, QC, October 21<sup>st</sup>, 2016.
- “Driving retirement, Multi-morbidity and Building Rural Primary Care: A sample of Quality of Life Research within The Canadian Consortium on Neurodegeneration in Aging (CCNA).” Invited discussant for symposium at Canadian Gerontological Association 45<sup>th</sup> Annual Scientific and Educational Meeting, October 21, 2016, Montreal, QC.
- \$ “How to Incorporate Screening for Cognitive, Vision and Fall Risks into Practice.” Invited to chair preconference workshop given at the 33<sup>rd</sup> World Congress of Audiology. Vancouver, BC, September 18, 2016.
- \$ Fifth Eriksholm Workshop, “Hearing impairment and Cognitive Energy,” June 3-5<sup>th</sup>, 2015, Helsingor, Denmark. Invited participant.
- \$ “The Montreal Cognitive Assessment (MoCA): A workshop on its psychometric properties and its research and clinical utility.” A workshop given for the research group of the Czech Republic National Normative Study of Cognitive Determinants of Healthy Aging (NANOK). Prague, Czech, Republic, November 27, 2012.

- \$ ACognitive Assessment in the Older Adult,@ CIHR Strategic Training Program on Communication and Social Interaction in Healthy Aging, Mississauga, September 5-8, 2003; August 15-18th, 2004; August, 2006; August 15-17th, 2008.
- \$ AResearch Ethics and Grant Review Procedures,@ Invited workshop for the CIHR Institute of Aging Summer Program in Aging, June 3, 2008, Delawana Inn, Ontario.

### **Public Lectures/Service to the Community**

- “Is this normal? The neuroscience of cognitive aging.” Brain Awareness Montréal Scientific Café, May 13, 2015, Montréal.
- ALanguage and the Aging Adult,@ Public lecture given to the Beth Ora Temple, St. Laurent, QC, June 23, 2009.
- ANormal aging versus cause to worry: A not-so-fine line.@ Keynote lecture, AWhere Did I Put My Glasses?"....A Health Forum focusing on memory.@ Sponsored by the Nurses Council of Montreal Hadassah-WIZO. November 2, 2005.
- AUnderstanding your memory: A user=s guide.@ Public lecture given to the Active Retirement Alumni of the College Marie-Victorin. November 26, 2004.

### **WORKSHOPS ATTENDED**

- BrainVision EEG Analyzer 2 Workshop, Montréal, May 21-23, 2014.

### **CLINICAL EXPERIENCE**

- 2007 - Consulting Clinical Neuropsychologist, Royal Bank Insurance  
In this context, I provide independent neuropsychological assessment services for a variety of medico-legal and disability referrals, including clients with depression, anxiety, stroke and related vascular problems, tumour, etc.
- 2005 - Supervising Clinical Neuropsychologist, Applied Psychology Centre, Concordia University
- 2001 - Consulting research neuropsychologist to the Anna and Leo Goldfarb Memory Clinic, Sir Mortimer B. Davis-Jewish General Hospital.

### **Pre-doctoral**

- 1994-1995 *Clinical Psychology Pre-Doctoral Internship* (2000 hours). Department of Psychology, Foothills Hospital, 1403 - 29th Street N.W., Calgary, Alberta, T2N 2T9.  
*Clinical Neuropsychology Rotation* (1400 hours); Supervisor: Gregor Jason, D.Phil.  
*Addictions Assessment Rotation* (300 hours); Supervisor: Jean Addington, Ph.D.  
*Behavioural Medicine Rotation* (300 hours); Supervisor: Paul Taenzer, Ph.D.

- 1991            *Group Therapy Practicum* (50 hours); Supervisor: Nina Woulff, Ph.D.  
Atlantic Child Guidance Centre, Sackville Branch, Halifax, Nova Scotia.
- 1990-1991    *Cognitive/Behavioural Therapy Practicum* (350 hours); Supervisor: Michael Vallis,  
Ph.D. Department of Psychology, Camp Hill Medical Centre, Halifax, Nova Scotia.
- 1988            *Neuropsychology Practicum* (200 hours); Supervisor: Charles Mate-Kole, Ph.D.  
Department of Psychology, Camp Hill Medical Centre, Halifax, Nova Scotia.

**RESEARCH INTERESTS AND EXPERIENCE**

- 2005-present **Principal Investigator**; Department of Psychology, Concordia University, Montréal. Speech perception (including audio-visual speech) in aging and in patients with or at risk for dementia.
- 2001-present **Principal Investigator**; Department of Psychology, Concordia University, Montréal. Language function in younger and older bilingual adults.
- 1999-present **Principal Investigator**; Department of Psychology, Concordia University, Montréal. Event-related brain potential and behavioural measurement of executive control and attention switching in aging and in patients with or at risk for dementia.
- 1998-present **Principal Investigator**; Department of Psychology, Concordia University, Montréal. Event-related brain potential and behavioural measurement of the impact of working memory capacity and inhibitory control on language processing in young and old adults.
- 1996-present **Principal Investigator**; Department of Psychology, Concordia University, Montréal, and Lady Davis Institute for Medical Research, Jewish General Hospital, Montréal. Event-related brain potential studies of episodic memory in patients with Alzheimer's disease and with age-associated cognitive decline.  
**Principal Investigator**; Department of Psychology, Concordia University, Montréal, and Lady Davis Institute for Medical Research, Jewish General Hospital, Montréal. Semantic memory impairments in patients with Alzheimer's disease.  
**Principal Investigator**; Department of Psychology, Concordia University, Montréal, and Lady Davis Institute for Medical Research, Jewish General Hospital, Montréal. Event-related brain potential correlates of central cholinergic function in patients with Alzheimer's disease.
- 1993-1996 **Principal Investigator**; Departments of Psychology, Dalhousie University and Nova Scotia Rehabilitation Centre. Neuropsychological function and functional outcome in patients with peripheral vascular disease and cerebrovascular disease.
- 1993 **Co-investigator**; with Dr. C.C. Mate-Kole; Department of Psychology, Dalhousie University and the Nova Scotia Rehabilitation Centre. Efficacy of a neuropsychological rehabilitation program for acquired attention deficits.
- 1992-93 **Co-investigator**; with Dr. J. McGlone, Department of Psychology, Dalhousie University. Individual differences in cognitive outcome following anterior temporal lobectomy.
- 1991 **Co-investigator**; with Dr. C.C. Mate-Kole, Department of Psychology, Nova Scotia Rehabilitation Centre. Neuropsychological functioning in patients with amputation due to peripheral vascular disease.
- 1990-91 **Principal Investigator**; Department of Psychology, Dalhousie University. Electrophysiological examination of neurotransmitter function in patients with Alzheimer's Disease.
- 1986-1995 **Co-Investigator**; with Dr. J.F. Connolly, Department of Psychology, Dalhousie University. Electrophysiological manifestations of semantic and phonological processing during speech comprehension and reading.

**TEACHING EXPERIENCE & STUDENT SUPERVISION*****Courses Taught***

- 2006-  
2003, 1996-  
1999      **Course Instructor;** Department of Psychology, Concordia University. *Human Neuropsychology*, undergraduate-level.
- 2010 -  
2005 - 2007      **Clinical Supervisor;** Applied Psychology Centre / Department of Psychology, Concordia University. *Practicum in Clinical Neuropsychology*.
- 2008, 2005      **Course Instructor;** Science College, Concordia University. *Psychological and developmental issues in language*, undergraduate-level.
- 2003 - 2005      **Course Instructor;** Department of Psychology, Concordia University. *Research Methods*, undergraduate-level.
- 2000      **Course Instructor;** Department of Psychology, Concordia University. *Clinical Neuropsychology*, graduate-level.
- 1997      **Course Instructor;** Department of Psychology, Concordia University. *Behavioural Disorders*, undergraduate-level course in abnormal psychology.
- 1997- 2002      **Course Instructor;** Department of Psychology, Concordia University. *Models of Assessment*, graduate-level course in intellectual assessment.

***Undergraduate Honours/Specialization Thesis Supervision***

2016	Brunella Gonzalez Cautela <sup>n</sup> (NSERC summer student)
2015-2016	Kristina Coulter <sup>n</sup> , Phylisia Verreault, Camille Williams <sup>c</sup>
2014-2015	Alexandra Covey <sup>c</sup>
2014	Julia Pinhiero-Carvalho <sup>c</sup>
2013-2014	Mariya Budanova, Steve Cicione, Leah Modlin
2013	Esther Yakobov <sup>n</sup> (NSERC summer student****)
2012-2013	Arrchsana Ratnarajah
2011-2012	Cristina McHenry***, Guido Powell
2010-2011	Natalia Jozwiak
2009-2010	Jennifer Chan, Stephannie Davies, Lila Karpowicz
2008-2009	Katie Boodhoo
2008	Anna Leshinskaya <sup>n</sup> , Arnaud St. Pierre <sup>n</sup> , (NSERC summer students)
2007	Veronique Taylor <sup>n</sup> (NSERC summer student)
2006-2007	Marjolaine Masse, Lenka Rybnikar
2005-2006	Jessica Chapman, Laura Copeland <sup>n</sup> **, Stephanie Einegal
2004-2005	Diala Arzouni, Giuseppe Alfonsi, Annie-Claude David
2003-2004	Julie Mercier <sup>*,n</sup> , Maude Laguë-Beauvais <sup>*n</sup>
2001-2002	Lezley Ingenito, Shanna Kousaie
2000-2001	Rosa Matousek <sup>*n</sup> , Nadia Merulla
1999-2000	Vivian Akerib, Miglena Grigorova <sup>n</sup> , Dayle Lesperance
1998-1999	Sarah Auchterlonie, Tanya Szammer
1997-1998	Nesrine Awad, Jennifer Jarvis, Heather Pim
1996-1997	Ron Hooper

\* Winner of the Concordia University Faculty of Arts & Science Undergraduate Research Scholarship

\*\* Winner of the Certificate of Academic Excellence for an honours thesis from the Canadian Psychological Association

\*\*\* Most Outstanding Graduating Student in Psychology

\*\*\*\* Governor General's Silver Medal (highest ranking undergraduate student graduating from Concordia University).

<sup>c</sup> Winner of a Concordia Undergraduate Student Research Award

<sup>n</sup> Winner of an NSERC Undergraduate Summer Research Award

***Graduate Thesis Supervision***Masters Theses:

2014 - 2016	Faisal Al-Yawer	“EEG coherence as a measure of brain plasticity following cognitive training in older adults”
2013 - 2015	Alexandre Chauvin	“Proactive and reactive control mechanisms in bilinguals”
2011 - 2013	Max Hébert	AThe Impact of Audiovisual Speech on Working Memory During Semantic Processing@
2008 - 2010	Jana B. Frtusova	AThe effect of audio-visual stimuli on working memory@
2008 - 2010	Hilary Duncan	AThe effects of age and bilingualism on language-directed attention.@
2006- 2008	Erin K. Johns	ANeuropsychological function in patients with mild cognitive impairment and fronto-temporal dementia@
2003 - 2005	Shanna Kousaie	AThe effects of context on processing inter-lingual homographs in young and old bilingual adults@
2000 - 2002	Marco Sinai	AAttention switching performance in younger and older adults@
2000 - 2004	Vivian Akerib	ATransitive inference and problem solving in younger and older adults@
1999 - 2001	Sarah Auchterlonie	ASemantic priming deficits in patients with Alzheimer=s disease@
1997 - 1999	Luisa Cameli	AAge-related differences in semantic priming: Evidence from event-related brain potentials@

Ph.D. Theses:

2016 -	Faisal Al-Yawer	“The impact of sensory impairment on cognitive function in persons with or at risk for dementia”
2015 -	Alexandre Chauvin	“Audio-visual speech perception in the first and second languages of bilinguals”
2010 - 2014	Jana B. Frtusova	AThe effect of audio-visual stimuli on working memory in patients with dementia@
2010 - 2017	Hilary Duncan	AThe contribution of bilingualism to differences in brain structure and function in aging, mild cognitive impairment, and Alzheimer disease@
2008- 2015	Erin K. Johns	A EEG coherence during executive function tasks in patients with mild cognitive impairment and Alzheimer’s disease@
2005 - 2009	Axel Winneke	AMechanisms of audio-visual speech perception.@
**	Winner of the Canadian Psychology Association (CPA) Thesis Award of Excellence	
2005 - 2011	Shanna Kousaie	AA behavioural and electrophysiological investigation of the bilingual advantage@
	Concordia University=s nominee for the Council of Graduate Studies/University Microfilms International Distinguished Dissertation Awards (Biological and Life Sciences)	

- 2002 - 2009 Marco Sinai AExecutive control of attention in Alzheimer's disease and mild cognitive impairment@
- 2001 - 2013 Sarah Auchterlonie AProactive Interference and semantic memory in Alzheimer=s disease@
- 2000 - 2007 Philippe Goffaux AAttention switching performance in older adults with atypical speech patterns@ (co-supervisor)
- \* Winner of the Canadian Psychology Association (CPA) Best Thesis Award, with Distinction
  - \* Concordia University nominee for the Health Sciences Category for le Prix d=excellence de l=Académie des Grands Montréalais and ADESAQ competitions
- 1999 - 2005 Denise Milovan AA neuropsychological investigation of chronic migraine@ (internal supervisor)
- 1999 - 2006 Luisa Cameli AImplicit linguistic competence and metalinguistic knowledge: A double dissociation between Parkinson=s and Alzheimer=s disease@
- 2004-2010 Mentor in the CIHR Strategic Research Training Program in Communication and Social Interaction in Healthy Aging

### **POSTDOCURAL FELLOWS**

- 2017- Angela Grant
- 2006-2007 Vanessa Taler; current position : Associate Professor, University of Ottawa
- 2004-2006 Veena Dwivedi; current position: Associate Professor, Brock University

### **VISITING SCIENTISTS**

- May 20 – July 20, 2017 – Karen Aguilar Mateu, Cuban Neurosciences Centre
- January 13 – 15, 2016 – Nathalie Giroud, University of Zurich
- July 7 – 11, 2014 – Thomas Hinault, Aix-Marseille Université

**PUBLICATIONS**

*N.B.:* The names of students/trainees/research fellows under my supervision appear underlined.  
I am senior and/or corresponding author on the publications in which my name appears in **bold**.

***Peer-Reviewed*** (n=63)

- Pichora-Fuller, M. K., & Phillips, N. (2017). Tackling the toll of hearing loss on executive function: We need to think beyond the speech chain and hearing aids to fully address effects of hearing loss on older adults' cognitive health. *The ASHA Leader*, 22(7), 6-8.
- Bruce, H., Aponte, D., St-Onge, N., Phillips, N., Gagne, J.P., & Li, K. (2017). The Effects of Age and Hearing Loss on Dual-Task Balance and Listening. *Journal of Gerontology Series B: Psychological Sciences and Social Sciences*, gbx047.
- Kousaie, S., & **Phillips, N.A.** (2017). A behavioural and electrophysiological investigation of the effect of bilingualism on aging and cognitive control. *Neuropsychologia*, 94C, 23-35.  
doi: 10.1016/j.neuropsychologia.2016.11.013
- Phillips, N. A.** (2016). The implications of cognitive aging for listening and the FUEL model. *Ear and Hearing*, 37, 44S-51S.  
“Editors’ Special Recognition Award as an Outstanding Supplement contribution”.
- Pichora-Fuller, M.K., Kramer, S.E., Eckert, M., Edwards, B., Hornsby, B., Humes, L.E., Lemke, U., Lunner, T., Matthen, M., Mackersie, C., Naylor, G., Phillips, N., Richter, M., Rudner, M., Sommers, M., Tremblay, K., Wingfield, A. (2016). Hearing impairment and cognitive energy: A framework for understanding effortful listening (FUEL). *Ear and Hearing*, 37, 5S-27S.  
“Editors’ Special Recognition Award as an Outstanding Supplement contribution”.
- Frtusova, J. B., & **Phillips, N. A.** (2016). The auditory-visual speech benefit on working memory in older adults with hearing impairment. *Frontiers in Psychology*, 7.  
<http://dx.doi.org/10.3389/fpsyg.2016.00490>
- Hinault, T., Lemaire, P., and **Phillips, N. A.** (2016). Aging and sequential modulations of poorer strategy effects: An EEG study in arithmetic problem solving. *Brain Research*, 1630, 144–158.  
<http://dx.doi.org/10.1016/j.brainres.2015.10.057>
- Jolly, T. A. D., Cooper, P. S., Wan Ahmadul Badwi, S. A., **Phillips, N. A.**, Rennie, J.L., Levi, C. R., Drysdale, K. A., Parsons, M. W., Michie, P. T., & Karayanidis, F. (2016). Microstructural white matter changes mediate age-related cognitive decline on the Montreal Cognitive Assessment (MoCA). *Psychophysiology*, 53, 258-267.
- Schultz, B. G., O’Brien, I., Phillips, N., McFarland, D. H., Titone, D., & Palmer, C. (2015). Speech rates converge in scripted turn-taking conversations. *Applied Psycholinguistics*, 1-20.
- Phillips, N. A.** (2014). Neuroplasticity as a model for bilingualism: Commentary on Baum and Titone. *Applied Psycholinguistics*. Advance online publication. doi:10.1017/S0142716414000484
- Duncan, H.D., Segalowitz, N. and **Phillips, N.A.** (2014). A bilingual advantage in L1 linguistic attention control. *Bilingualism: Language and Cognition*. doi:10.1017/S136672891400025X
- Freedman, M., Alladid, M., Chertkow, H., Bialystok, E., Craik, F.I.M., Phillips, N.A., Vasantak, D., Bapi Rajul, S., and Bak, T.H. (2014). Delaying Onset of Dementia: Are Two Languages Enough? *Behavioral Neurology*, 2014.
- Julayanont, P., Brousseau, M., Chertkow, H., Phillips, N., & Nasreddine, Z. S. (2014). Montreal Cognitive Assessment Memory Index Score, MoCA-MIS, As a Predictor of Mild Cognitive Impairment Conversion to Alzheimer’s Disease. *Journal of the American Geriatric Society*. 62, 679-684.

- Trewartha, K.M. and **Phillips, N.A.** (2013). Detecting self-produced speech errors before and after articulation: An ERP investigation. *Frontiers in Human Neuroscience*, 7, 1-12.
- Trewartha, K.M., Spilka, M.J., Penhune, V.B., Li, K.Z.H., and **Phillips, N.A.** (2013). Context updating processes facilitate response reprogramming in younger but not older adults. *Psychology and Aging*, 28(3), 701–713.
- Frtusova, J. B., Winneke, A., & Phillips, N. A. (2013). ERP evidence that auditory-visual speech facilitates working memory in younger and older adults. *Psychology and Aging*. Vol. 28, No. 2, 481–494. doi: 10.1037/a0031243
- Kousaie, S., and Phillips, N.A. (2012) Conflict monitoring and resolution: Are two languages better than one? Evidence from reaction time and event-related brain potentials. *Brain Research*, 1146, 71-90.
- Kousaie, S., and Phillips, N.A. (2012). Ageing and bilingualism: Absence of a Abilingual advantage@ in Stroop interference in a non-immigrant sample. *The Quarterly Journal of Experimental Psychology*, 65(2), 356-369.
- \*\* Johns, E. K., Phillips, N. A., Belleville, S., Goupil, D., Babins, L., Kelner, N., Ska, B., Gilbert, B., Massoud, F., de Boysson, C., Duncan, H., & Chertkow, H. (2012). Profile of Executive Functioning in Amnesic Mild Cognitive Impairment: Disproportionate Deficits in Inhibitory Control. *Journal of the International Neuropsychological Society*, 18, 1-15.
- \*\* Winner of the CIHR-Institute of Aging Age+ Award
- Nasreddine, Z.S., Phillips, N.A., and Chertkow, H. (2012). Reply to Rossetti et al., Normative data for the Montreal Cognitive Assessment (MoCA) in a population-based sample, *Neurology*, 78(10), 765-766.
- Winneke, A., and Phillips, N.A. (2011). An investigation of age-related differences in audiovisual speech perception using event-related potentials. *Psychology and Aging*, 26(2), 427-438.
- de Boysson, C., Belleville, S., **Phillips, N. A., Johns, E. K., Goupil, D., Souchay, C., Bouchard, R. and Chertkow, H.** (2011). False recognition in Lewy-body disease and frontotemporal dementia. *Brain and Cognition*, 75, 111-118.
- \*\* Kousaie, S., and Phillips, N.A. (2010). Age-related Differences in Interlingual Priming: A Behavioural and Electrophysiological Investigation." *Aging, Neuropsychology and Cognition*, 18, 22B55.
- \*\* Winner of the CIHR-Institute of Aging Age+ Award
- Karayanidis, F., Jamadar, S., Ruge, H., Phillips, N., Heathcote, A., and Forstmann, B.U. (2010). Advance preparation in task-switching: Converging evidence from behavioral, model-based and brain activation approaches. *Frontiers in Cognition*, 25, Article 1.
- Chertkow, H., Whitehead, V., Phillips, N., Wolfson, C., Atherton, J., & Bergman, H. (2010). Multilingualism (but not always bilingualism) delays the onset of Alzheimer's disease - evidence from a bilingual community. *Alzheimer's Disease & Associated Disorders*, 24 (2), 118-125.
- Dwivedi, V.D., Drury, J.E., Molnar, M., Phillips, N.A., Baum, S., and Steinhauer, K. (2010). ERPs reveal sensitivity to hypothetical contexts in spoken discourse. *NeuroReport*, 21 (11), 791-795.

- Sinai, M., **Phillips, N.A.**, Chertkow, H., and Kebani, N. (2010). Task switching performance reveals heterogeneity amongst patients with mild cognitive impairment. *Neuropsychology*, 24 (6), 757-774.
- Dwivedi, V.D., Phillips, N.A., Einagal, S., and Baum, S.R. (2010). The neural underpinnings of semantic ambiguity and anaphora. *Brain Research*, 1311, 93B109.
- Wittich, W., **Phillips, N.A.**, Nasreddine, Z.S., and Chertkow, H. (2010). Sensitivity and specificity of the Montreal Cognitive Assessment (MoCA-B) modified for the Blind. *Journal of Visual Impairment and Blindness*, 104(6), 360-368.
- Montero-Odasso, M., Bergman, H., Phillips, N.A., Wong, C.H., Sourial, N., and Chertkow, H. (2009). Dual-tasking and gait in people with Mild Cognitive Impairment. The effect of working memory. *BMC Geriatrics*, 41.
- Johns, E. K., **Phillips, N. A.**, Belleville, S., Goupil, D., Babins, L., Kelner, N., Ska, B., Gilbert, B., Inglis, G., Panisset, M., de Boysson, C., & Chertkow, H. (2009). Executive functions in frontotemporal dementia and Lewy body dementia. *Neuropsychology*, 23 (6), 765B777.
- Taler, V., Klepousniotou, E., & **Phillips, N.A.** (2009). Comprehension of lexical ambiguity in healthy aging, mild cognitive impairment, and mild Alzheimer's disease. *Neuropsychologia*, 47, 1332B1343.
- Taler, V. and **Phillips, N.A.** (2008). A Language performance in Alzheimer's disease and mild cognitive impairment: A comparative review.@ *Journal of Clinical and Experimental Neuropsychology*, 30(5), 501-556.
- Goffaux, P., **Phillips, N.A.**, Sinai, M., and Pushkar, D. (2008). "Neurophysiological measures of task set switching: Effects of working memory and aging.@ *Journal of Gerontology: Psychological Sciences*, 63B, P57-P66.
- Taler, V., & **Phillips, N.A.** (2007). Event-related potential measures of lexical activation in Alzheimer's disease. *Brain and Language*, 103, 177-178.
- Sinai, M., Goffaux, P., **Phillips, N.A.** (2007). Cue- versus response-locked processes in backward inhibition: Evidence from ERPs. *Psychophysiology*, 44 (4), 596B609.
- Phillips, N.A.**, Klein, D., Mercier, J., and de Boysson, C. (2006). ERP measures of auditory word repetition and translation priming in bilinguals. *Brain Research*, 1125, 116-131.
- Goffaux, P., **Phillips, N.A.**, Sinai, M., and Pushkar, D. (2006). Behavioural and electrophysiological measures of task switching during single and mixed-task conditions. *Biological Psychology*, 72, 278-290.
- Dwivedi, V., Phillips, N.A., Laguë-Beauvais, M., and Baum, S. (2006). An electrophysiological study of mood, modal context and anaphora. *Brain Research*, 1117, 135-153.
- Levinoff, E.J., Phillips, N.A., Verret, L., Babins, L., Kelner, N., Akerib, V., Chertkow, H. (2006). Cognitive estimation impairment in Alzheimer disease and mild cognitive impairment. *Neuropsychology*, 20, 123-132.
- Cameli, L., **Phillips, N. A.**, Kousaie, S., & Panisset, M. (2005). Memory and language in bilingual Alzheimer and Parkinson patients: Insights from verb inflection. In J. Cohen, K. T. McAlister, K. Rolstad, & J. MacSwan (Eds.), *Proceedings of the 4th International Symposium on Bilingualism* (pp. 452-476). Somerville, MA: Cascadilla Press.
- Dugas, M. J., Hedayati, M., Karavidas, A., Buhr, K., Francis, K., & Phillips, N. A. (2005). Intolerance of uncertainty and information processing: Evidence of biased recall and interpretations. *Cognitive Therapy and Research*, 29, 57-70.

- Dwivedi, V., Phillips, N.A., Laguë-Beauvais, M., and Baum, S. (2005). The interface of syntax, semantics and psycholinguistics: An investigation of operator scope. In J. Alderete, C. Han, & A. Kochetov (Eds.), *Proceedings of the 24th West Coast Conference on Formal Linguistics*, pp. 112-119. Cascadilla Proceedings Project, Somerville, MA, USA.
- Brass, M., Ullsperger, M., Knoesche, T.R., von Cramon, D.Y., and Phillips, N.A. (2005). Who comes first? The role of the prefrontal and parietal cortex in cognitive control. *Journal of Cognitive Neuroscience*, 17, 1367-1375.
- Nasreddine, Z.S., Phillips, N.A., Bédirian, V., Charbonneau, S., Whitehead, V., Collin, I., Cummings, J.L., and Chertkow, H. (2005). The Montreal Cognitive Assessment (MoCA): A Brief Screening Tool For Mild Cognitive Impairment. *Journal of the American Geriatric Society*, 53, 695-699.
- Blanchet, S., Belleville, S., Phillips, N., Mellah, S., Gauthier, S., and Chertkow, H. (2004). Electrophysiological study of working memory in mild cognitive impairment patients. *Brain and Cognition*, 54, 144-145.
- Phillips, N.A.**, Segalowitz, N., O'Brien, I., & Yamasaki, N. (2004). Semantic priming in a first and second language: Evidence from reaction time variability and event-related brain potentials. *Journal of Neurolinguistics*, 17, 237-262.
- Phillips, N.A.**, Chertkow, H., LeBlanc, M., Pim, H., and Murtha, S. (2004). Functional and anatomical memory indices in patients with or at risk for Alzheimer's disease. *Journal of the International Neuropsychological Society*, 10, 200-210.
- Berlin, D., Chong, G., Chertkow, H., Bergman, H., Phillips, N.A., Schipper, H.M. (2004). Evaluation of HFE (hemochromatosis) mutations as genetic modifiers in sporadic AD and MCI. *Neurobiology of Aging*, 25, 465-475.
- Phillips, N.A.**, and Lesperance, D.T. (2003). Breaking the waves: Age differences in electrical brain activity when reading text with distractions. *Psychology and Aging*, 18, 126-139.
- Auchterlonie, S., **Phillips, N.A.**, and Chertkow, H. (2002). Behavioral and electrical brain measures of semantic priming in patients with Alzheimer's disease: Implications for access failure versus deterioration hypotheses. *Brain and Cognition*, 2-3, 264-267.
- Cameli, L., and **Phillips, N.A.** (2000). Age-related differences in semantic priming: Evidence from event-related brain potentials. *Brain and Cognition*, 43, Jun-Aug (1-3), 69-73.
- Phillips, N.A.**, LeBlanc, M., and Chertkow, H. (1999). Event-related brain potential correlates of short-term memory in healthy elderly, patients with aging-associated cognitive decline, and Alzheimer's disease. *Brain and Cognition*, 39, 48-51.
- Phillips, N.A.**, Connolly, J.F., Mate-Kole, C.C., and Gray, J. (1997). Individual differences in the middle-latency auditory evoked response in elderly controls and patients with Alzheimer's disease. *International Journal of Psychophysiology*, 27, 125-136.
- Phillips, N.A.**, and Mate-Kole, C.C. (1997). Cognitive deficits in Peripheral Vascular Disease: A comparison of mild stroke patients and normal controls. *Stroke*, 28, 777-784.
- Phillips, N.A., and McGlone, J. (1995). Grouped data don't tell the whole story: Individual analysis of cognitive change following temporal lobectomy. *Journal of Clinical and Experimental Neuropsychology*, 17, 713-724.
- Connolly, J.F., Phillips, N.A., and Forbes, K.A.K. (1995). The effects of phonological and semantic features of sentence-ending words on visual event-related brain potentials. *Electroencephalography and clinical Neurophysiology*, 95, 276-287.

- Connolly, J.F., and Phillips, N.A. (1994). Event-related potential components reflect phonological and semantic processing of the terminal word of spoken sentences. *Journal of Cognitive Neuroscience*, 6, 256-266.
- Phillips, N.A.**, Mate-Kole, C.C., & Kirby, R.L. (1993). Neuropsychological function in peripheral vascular disease amputees. *Archives of Physical Medicine and Rehabilitation*, 74, 1309-1314.
- Connolly, J.F., Phillips, N.A., & Stewart, S.H., and Brake, W.G. (1992). Event-related potential sensitivity to acoustic and semantic properties of terminal words in sentences. *Brain and Language*, 43, 1-18.
- Phillips, N.A., Connolly, J.F., Eskes, G.A., & Mate-Kole, C. (1990). Do ERPs reflect memory processing in aged controls and patients with memory dysfunction? In C.H.M. Brunia, A.W.K. Gaillard, & A. Kok (eds.), *Psychophysiological Brain Research*, 1, 240-243, Tilburg University Press.
- Connolly, J.F., Phillips, N.A. & Williston, S. (1990). Brainstem auditory evoked potential (BAEP) differences associated with gender, handedness and familial sinistrality. In C.H.M. Brunia, A.W.K. Gaillard, & A. Kok (eds.), *Psychophysiological Brain Research*, 2, 45-49, Tilburg University Press.
- Connolly, J.F., Stewart, S.H., & Phillips, N.A. (1990). The effects of processing requirements on neurophysiological responses to spoken sentences. *Brain and Language*, 39, 302-318.

### ***Book Chapters***

- Chauvin, A., Duncan, H.D., and Phillips, N.A. (2017). Bilingualism, Cognitive Reserve, Aging, and Dementia: What is the new ground to cover? In E. Bialystok, & M.D. Sullivan Eds., *Growing Old with Two Languages: Effects of Bilingualism on Cognitive Aging*. John Benjamins Publishing Company, pp. 219-242.
- Duncan, H.D. and **Phillips, N.A.** (2016). The Contribution of Bilingualism to Cognitive Reserve in Healthy Aging and Dementia. In E. Nicoladis & S. Montanari, Eds., *Bilingualism Across the Lifespan: Factors moderating language proficiency*. APA Books, pp. 305-322.
- Julayanont, P., **Phillips, N.**, Chertkow, H., and Nasreddine, Z.S. (2013). The Montreal Cognitive Assessment (MoCA): Concept and Clinical Review. In A.J. Larner (Ed.), *Cognitive Screening Instruments: A Practical Approach*. Springer-Verlag, pp. 111-152.
- Phillips, N.A.** (2001). Thinking on your feet: A neuropsychological review of peripheral vascular disease. In S.R. Waldstein & M.F. Elias (Editors), *Neuropsychology of Cardiovascular Disease*, Lawrence Erlbaum Associates, pp. 121-142.

### ***Submitted***

- Duncan, H., Nikelski J., Pilon, R., Steffener J., Phillips, N.A., & Chertkow, H.M. Cognitive reserve and brain reserve in multilinguals: Grey matter evidence in patients with mild cognitive impairment and Alzheimer disease. Under revision, *Neuropsychologia*.

### Invited Talks/Conference Oral Presentations

- Phillips, N.A.** (2017). An overview of the cognitive and clinical battery in the COMPASS-ND study of the Canadian Consortium on Neurodegeneration in Aging (CCNA). Invited presentation at the CIHR Summer Program in Aging (SPA 2017) Physical Activity and Aging, May 15-19, 2017, Montréal, Quebec.
- Phillips, N., Guthrie, D., Mick, P., Pichora-Fuller, K., & Wittich, W.** (2017). Sensory and Cognitive Function in Dementia: Implications for Assessment and Quality of Life (QoL). Talk presented at the *21st IAGG World Congress of Gerontology and Geriatrics*, July 23-27, 2017, San Francisco, California, USA.
- Phillips, N.A.** (2017). Cognitive function and sensory loss in aging and dementia. Invited presentation to be given at the 4th International Conference on Cognitive Hearing Science for Communication, 18-21 June 2017, Linköping, Sweden.
- Phillips, N.A.** (2016). Aging, Hearing Loss, Cognitive Function, and Dementia: What are the links? Talk presented at the *33rd World Congress of Audiology*, September 18-21, 2016, Vancouver, BC.
- Phillips, N.A.** (2016). Cognitive function and cognitive assessment in the older adult: Implications for hearing professionals. Talk presented at the *International Hearing Aid Research Conference*, August 10-14, 2016, Tahoe City, California, USA.
- Phillips, N.A., Duncan, H.D., Nikelski, J., and Cherkow, H.** (2016). Neuroanatomical evidence of multilingualism's contribution to brain and cognitive reserve in mild cognitive impairment and Alzheimer disease. Talk presented at the plenary session on Mild Cognitive Impairment at the *2016 Cognitive Aging Conference*, April 16, 2016, Atlanta, Georgia, USA.
- Phillips, N.A. and Johns, E.** (2016). EEG coherence and executive function in mild cognitive impairment and Alzheimer's disease. *Cognition and Circuits Seminar*, March 16, 2016, Montreal Neurological Hospital.
- Phillips, N.A.** (2015). Cognitive testing and cognitive resources: Implications for hearing and cognition professionals. Invited oral presentation at the Fifth Eriksholm Workshop on the topic "Hearing impairment and Cognitive Energy," June 3-5th, 2015.
- Phillips, N.A.** (2015). Bilingualism and Cognitive Reserve: Evidence from persons with or at risk for Alzheimer's disease. Invited lecture at the *Montreal Bilingual Brain Initiative Symposium*, May 28-29, 2015, Montréal, Canada.
- Phillips, N.A.** (2014). The Impact of Multilingualism on the Neurophysiological and Structural Correlates of Healthy and Pathological Aging. Invited Plenary Lecture, Joint Meeting of ECNS, ISBET and ISNIP, September 6, 2014, Halifax, Nova Scotia, Canada.
- Phillips, N.A.** (2014). Overview of the CCNA Neuropsychological Assessment Battery. Canadian Consortium on Neurodegeneration in Aging (CCNA) Scientific Conference, June 21-22, 2014, Montréal.
- Phillips, N.A.** (2013). Downstream benefits of audio-visual speech cues on working memory and sentence processing across the lifespan: Evidence from ERPs. HEAD Seminar Series, November 6, 2014, Linköping University, Linköping, Sweden.
- Phillips, N.A.** (2012) Exploring the links between executive function, second language acquisition and bilingual language processing, (A. Prior, chair). Oral paper presented to the *31st Second Language Research Forum (SLRF)*, Pittsburg, Pennsylvania, USA, October 18-21.

- Kousaie, S., & Phillips, N.A. (2012). The bilingual advantage in cognitive control: Whom what, when, where and why? Oral paper presented at the symposium on AThe cognitive impacts of bilingualism: An attempt at conflict resolution of empirical findings,@ (N.A. Phillips, chair) at the *Canadian Psychology Association=s (CPA) 73rd Annual Convention*, June 14-16, Halifax, Nova Scotia, Canada.
- Phillips, N.A.** and Kousaie, S.(2012). The bilingual advantage in cognitive control: Behavioral and electrophysiological evidence. Oral paper presented at the symposium on ACognitive control and bilingualism,@ (M. Hilchey, Chair) at the *Canadian Society for Brain, Behaviour and Cognitive Science (CSBBCS) 22nd Annual Meeting*, June 7-9, 2012, Kingston, Ontario, Canada.
- Phillips, N.A., Johns, E.K., and Powell, G.A.** (2012). ERP measures of working memory in patients with mild cognitive impairment and Alzheimer disease. Oral paper presented at the symposium entitled, AElectrophysiology as an investigation tool of attention and working memory,@ (P. Jolicoeur, C. Lefebvre, chairs) at the *Canadian Society for Brain, Behaviour and Cognitive Science (CSBBCS) 22nd Annual Meeting*, June 7-9, 2012, Kingston, Ontario, Canada.
- Phillips, N.A.** (2011). Interactions between perceptual and cognitive factors during audio-visual speech perception: Evidence from behaviour and event-related brain potentials. Colloquium presented to the Centre de Recherche en Neuropsychologie et Cognition (CERNEC) conference, Montréal, Québec, September 30, 2011.
- Phillips, N.A.** (2011). Look at me when I'm talking to you! The benefits of audio-visual speech perception. Colloquium presented to the Department of Psychology, Concordia University, Montréal, Québec, September 22, 2011.
- Phillips, N.A., Gagné, J.-P., Basu, M., Copeland, L., Gosselin, P., Winneke, A., Chan, J., and Bishundayal, S.** (2010). The role of sensory and cognitive factors in audio-visual speech perception in younger and older adults. Talk presented at the plenary session on speech perception at the *2010 Cognitive Aging Conference*, Atlanta, Georgia, USA, April 15-18, 2010.
- Phillips, N.A., Gagné, J.-P., Basu, M., Copeland, L., Gosselin, P., Saint-Pierre, A., Winneke, A.** (2009). Audio-visual speech perception in younger and older adults: Effects on word identification and memory. Oral paper presented at the *10th Annual meeting of the International Multisensory Research Forum (IMRF)*, New York City, June 29 - July 2, 2009.
- Phillips, N.A.** (May 2009). Executive function impairments in mild cognitive impairment and in patients with dementia: Evidence from neuropsychological and electrophysiological measures. Invited colloquium in honour of the 20<sup>th</sup> Anniversary of Dalhousie University=s Doctoral Program in Clinical Psychology. May 15, 2009.
- Phillips, N.A.** (May 2009). Executive function impairments in mild cognitive impairment and in patients with dementia: Evidence from neuropsychological and neurophysiological measures. Rounds delivered to the Department of Clinical Neurosciences, Jewish General Hospital, Montréal. May 12, 2009.
- Phillips, N.A.** and Kousaie, S. (October 2008). What do early and late ERP effects tell us about processing in a first and second language?, AMaking Sense of Frontal Language ERPs,@ (chair, J. Dien). Presented at the Forty-Eighth Annual Meeting of the *Society for Psychophysiological Research (SPR)*, Austin, Texas, October 1-5, 2008.
- Phillips, N.A.** (September 2008). The influence of working memory and other cognitive functions on task switching. Invited talk in the symposium, ACognitive control processes,@ (chair, F. Karayanidis). Presented at the *Tenth International Conference on Cognitive Neuroscience (ICON10)*, Bodrum, Turkey, September 1-5, 2008.

- Phillips, N.A.** (June 2008). Electrophysiological techniques in the assessment in clinical populations: Are they ready for prime time? Presented at the *2008 Annual Convention of the Canadian Psychological Association*, Halifax, Nova Scotia (June 12-14, 2008).
- Phillips, N.A., Johns, E., & Sinai, M.** (16 March 2008). Neuropsychological and electrophysiological evidence of executive function in mild cognitive impairment and in patients with dementia. Invited talk in the symposium *Le trouble cognitif léger (ou mild cognitive impairment) chez la personne âgée*, @ (chair, S. Belleville). Le 30<sup>ème</sup> Congrès Annuel de la Société Québécoise pour la Recherche en Psychologie (Trois-Rivières, 14-16 March 2008).
- Sinai, M., Phillips, N.A., & Goffaux, P.** (2006). Task difficulty effects on backward inhibition. Symposium presentation at the *Canadian Society for Brain, Behaviour, and Cognition Conference*. June 22-24, Saskatoon, SK, Canada.
- Goffaux, P., Phillips, N., Sinai, M., Pushkar, D.** (2006). Failing to prepare: How working memory affects age-related changes in task switching performance and electrical brain activity. Talk presented at the *16th Annual Meeting of the Canadian Society for Brain, Behaviour and Cognitive Science*, June 22-24, Saskatoon, SK, Canada.
- Phillips, N.A.** (11 October 2005). Executive Control, Working Memory, and Language Processing in the Aging Brain. Presented at *Aging and Speech Communication: An International and Interdisciplinary Research Conference*, October 9-12, 2005, Indiana University, Bloomington, Indiana.
- Phillips, N.A., & Matousek, R.** (2005). The effects of phonological noise on speech processing and working memory in younger and older adults. Paper presented at the symposium on *AAAn updated view of working memory constraints on language*, @ (D. Titone, chair) at the *15<sup>th</sup> Annual Conference of the Canadian Society for Brain, Behaviour and Cognitive Science (CSBBCS)*, July 14-17, Montreal, QC, Canada.
- Phillips, N.A.** (27 March 2005). Behavioural and event-related brain potential measures of language processing in older adults. Presented at the *3<sup>rd</sup> Annual Research Symposium of the CIHR Strategic Research Training Program in Communication and Social Interaction in Healthy Aging*. February 25-27, 2005. Ottawa, Canada.
- Phillips, N.A.** (2 March, 2004). Cognitive ERPs: A primer. Séminaire de méthodologie en neuroimagerie, Institut universitaire de gériatrie de Montréal, Montréal. Regroupement Provincial de Recherche en Imagerie Cérébrale.
- Phillips, N.A.** (November, 2003). Age differences in executive control: Effects on language processing and task switching. CRDH Seminar Series: Current issues in developmental science. Centre for Research in Human Development, Concordia University, November 18, 2003.
- Phillips, N.A.** (March, 2003). Keeping the message alive: Working memory, executive control, and language processing in the aging brain. Presented at the Max Planck Institute of Cognitive Neuroscience, Leipzig, Germany, March 19, 2003.
- Phillips, N.A.** (November, 2002). Executive control and working memory constraints on language processing in aging. Presented at the School of Communication Sciences & Disorders, McGill University, November 18, 2002.
- Phillips, N.A., & Ingenito, L.** (September, 2002). Electrical brain activity during homograph reading: Effects of working memory capacity. Presented at the *Eight International Conference on Cognitive Neuroscience (ICON8)*, Porquerolles Island, France, September 9-15, 2002.

- Phillips, N.A.** (March, 2002). AExecutive control and working memory constraints on language processing in aging. Centre de Recherche, Institut universitaire de gériatrie de Montréal, Montréal.
- Phillips, N.A.** (November, 2001). ABrain activation indices of language and cognition in healthy aging and dementia.@ Psychology Rounds, Institute of Community and Family Psychiatry, Jewish General Hospital, Montréal.
- Phillips, N.A.** (November, 2000). "Electrophysiological studies of inhibition and executive control: Applications in cognitive aging.@ Department of Psychology, Dalhousie University, Halifax, Nova Scotia.
- Phillips, N.A.** (April, 2000). "Changes in semantic priming in aging and dementia: Evidence from event-related brain potentials." Cognitive Neuropsychology Seminar, Montréal Neurological Institute, Montréal.
- Phillips, N.A.** (November, 1999). AElectrophysiological assessment in Alzheimer=s disease.@ Geriatric Medicine/Memory Clinic Research Rounds, Jewish General Hospital, Montréal.
- Phillips, N.A.** (June, 1999). ASemantic processing in Alzheimer=s disease and normal aging.@ Groupe de Recherche en Neuropsychologie Experimentale, Departement de Psychologie, Université de Montréal.
- Phillips, N.A.** (May, 1999). AMeaningful waves: Cognitive event-related brain potential applications in aging and Alzheimer=s disease.@ Department of Neurology and Neurosurgery Grand Rounds, Montréal Neurological Institute, May, 28, 1999.
- Phillips, N.A.** (March, 1999). AAdvances in the early diagnosis and treatment of Alzheimer=s disease.@ CRDH Seminar Series: Risk-Resilience over the lifespan. Centre for Research in Human Development, Concordia University, March 2, 1999.
- Phillips, N.A.** (March, 1997). ACurrent research directions in the use of cognitive event-related brain potentials in the study of aging and dementia.@ Montréal ERP Interest Group, McGill University, Montréal, Québec.

***Published Abstracts***

- Phillips, N. A., Johns, E.,** Chertkow, H., and Nikelski, J. (2016). EEG Coherence and executive function in mild cognitive impairment and Alzheimer's disease. [Talk presented at the 56<sup>th</sup> Annual Meeting of the Society for Psychophysiological Research (SPR), Minneapolis, MN, USA, September 21-25, 2016.]
- Conley, A., Jolly, T., Rennie, J., Cooper, P., Bateman, G., Parsons, M., Levi, C., Phillips, N., Michie, P., and Karayanidis, F. (2016). Longitudinal changes in cerebrovascular health on white matter microstructure and cognitive performance. [Poster presented at the 56<sup>th</sup> Annual Meeting of the Society for Psychophysiological Research (SPR), Minneapolis, MN, USA, September 21-25, 2016.]
- Phillips, N. A.,** Ratnarajah, A.S., Powell, G.A., DeBoysson, C., Mellah, S., and Belleville, S. (2013). The effect of cognitive training on EEG coherence and divided attention in healthy older adults. [Poster submitted to the 53<sup>rd</sup> Annual Meeting of the Society for Psychophysiological Research (SPR), Florence, Italy, October 2013.]
- Phillips, N. A., & Johns, E.K.** (2012). ERP measures of inhibition on a go/no-go task in patients with mild cognitive impairment, Alzheimer disease, and healthy controls. *Psychophysiology*, 49, Suppl. 1, S91. [Poster presented at the 52<sup>nd</sup> Annual Meeting of the Society for Psychophysiological Research (SPR), New Orleans, LA, USA., September 19-23, 2012.]
- Phillips, N. A., Johns, E.K., & Powell, G.A.** (2012). ERP measures of working memory in patients with mild cognitive impairment, Alzheimer disease, and healthy controls. *Psychophysiology*, 49, Suppl. 1, S91. [Poster presented at the 52<sup>nd</sup> Annual Meeting of the Society for Psychophysiological Research (SPR), New Orleans, LA, USA., September 19-23, 2012.]
- Frtusova, J. B., Duncan, H. D., Chertkow, H., Nasreddine, Z., & **Phillips, N. A.** (2012). A convergence between items on the Montreal Cognitive Assessment and Neuropsychological Tests in Mild Cognitive Impairment: A factor analysis. *Alzheimer's & Dementia*, 8, P360. [Poster presented at the Alzheimer's Association International Conference, July 14<sup>th</sup> – 19<sup>th</sup>, Vancouver: British Columbia].
- Kousaie, S. & Phillips, N.A. Bilingualism and Cognitive Control in Healthy Older Adults. (2012). *Journal of the International Neuropsychological Society*, 45, Suppl. 1., pp.59-60. [Talk presented at the 40<sup>th</sup> Annual Meeting of the International Neuropsychological Society, February 15-18, 2012, Montréal, Canada].
- Frtusova, J. B., Duncan, H. D., Chertkow, H., Nasreddine, Z., & **Phillips, N. A.** (2012). Logistic Regression Analysis of the MoCA: Which Items Distinguish Normal Aging, Mild Cognitive Impairment, and Alzheimer disease? *Journal of the International Neuropsychological Society*, 45, Suppl. 1., pp. 273-274. [Poster presented at the 40<sup>th</sup> Annual Meeting of the International Neuropsychological Society, February 15<sup>th</sup>–18<sup>th</sup>, Montreal: Quebec].
- Chertkow, H., Nasreddine, Z., Phillips, N., & Whitehead, V. In Mild Cognitive Impairment, Does the Severity of Impairment On the Moca (Montreal Cognitive Assessment) Predict Progression to Dementia? *Journal of the International Neuropsychological Society*, 45, Suppl. 1. [Poster presented at the 40<sup>th</sup> Annual Meeting of the International Neuropsychological Society, February 15-18, 2012, Montréal, Canada].

- C. McHenry, V. Taler, S. Baum & N.A. Phillips. Comprehension of Phonetic and Prosodic Information with Audio-visual and Linguistic cues in Alzheimer=s disease and mild cognitive impairment. *Journal of the International Neuropsychological Society*, 45, Suppl. 1. [Poster presented at the 40<sup>th</sup> Annual Meeting of the International Neuropsychological Society, February 15-18, 2012, Montréal, Canada].
- H. Chertkow, Z. Nasreddine, N. Phillips, L. Litwin & V. Whitehead. Low Tech Diagnostic Approach with the MoCA (Montreal Cognitive Assessment) Fails to Distinguish Alzheimer=s Disease from Frontotemporal Dementia. *Journal of the International Neuropsychological Society*, 45, Suppl. 1. [Poster presented at the 40<sup>th</sup> Annual Meeting of the International Neuropsychological Society, February 15-18, 2012, Montréal, Canada].
- Frtusova, J. B., Amarsi, J., & Phillips, N. A. (2011). Sensory processing affects working memory performance in noisy environment: An event-related potential study. *Psychophysiology*, 48, Suppl. 1, S107. [Poster presented at the 51<sup>st</sup> Annual Meeting of the Society for Psychophysiological Research (SPR), Boston, MA, USA.]
- Kousaie, S., & Phillips, N.A. (2011, September). ERP measures of conflict monitoring and resolution in bilinguals and monolinguals. *Psychophysiology*, 48, Suppl. 1, S90. [Poster presented at the 51<sup>st</sup> Annual Meeting of the Society for Psychophysiological Research (SPR), Boston, MA, USA.]
- McHenry, C., Trewartha, K., & Phillips, N.A. (2011, September). Error-related ERP components during speech production: Attenuation of the ERN in older adults. *Psychophysiology*, 48, Suppl. 1, S75. [Poster presented at the 51<sup>st</sup> Annual Meeting of the Society for Psychophysiological Research (SPR), Boston, MA, USA.]
- Johns, E. K., Davies, S., & Phillips, N. A. (2011, September). Differences in the Relationship Between EEG Coherence and Working Memory Performance in Young Adults and High and Low Performing Older Adults. *Psychophysiology*, 48, Suppl. 1, S75. [Poster presented at the 51<sup>st</sup> annual meeting of the Society for Psychophysiological Research, Boston, MA.]
- Phillips, N., Chertkow, H., Nasreddine, N., Whitehead, V., Bishundayal, S., McHenry, C. (2011, February). Validation of Alternate Forms for the Montreal Cognitive Assessment (MoCA), a Screening Test for Mild Cognitive Impairment. *Journal of the International Neuropsychological Society*, 44, Suppl. 1., p. 291. [Poster presented at the 39<sup>th</sup> Annual Meeting of the International Neuropsychological Society, February 2-5, 2011, Boston, USA].
- Phillips, N.A.**, Baum, S., and Taler, V. (2009). Audio-visual speech perception in mild cognitive impairment and healthy elderly controls. Paper presented at the eighth *International Conference on Auditory-Visual Speech Processing (AVSP)*. University of East Anglia, Norwich, UK., September 10-13, 2009.
- Winneke, A.H. & **Phillips, N.A.** (2009). Older and young adults use fewer neural resources during audiovisual than during auditory speech perception. Paper presented at the eighth *International Conference on Auditory-Visual Speech Processing (AVSP)*. University of East Anglia, Norwich, UK., September 10-13, 2009.
- Kousaie, S. and **Phillips, N.A.** (2009). Lexical ambiguity resolution: Is there an advantage to being bilingual? Poster presented at the *International Symposium on Bilingualism* 7, 8-11 July 2009, The Netherlands.
- Pichora-Fuller, M.K., Dupuis, K., Sheldon, S., & **Phillips, N.** (2008). Effects of age, sentence context, and noise-vocoding on word identification: behavioural and electrophysiological findings.

- International Journal of Psychology*, 43 (3/4 forthcoming). [Poster presented at the *International Congress of Psychology*, July 2008, Berlin, Germany.]
- David, A.-C., Grigorova, M., and **Phillips, N.A.** (2008). Estrogen and working memory in healthy young females: An event-related potential study. Poster presented at the 69th Annual Convention of the Canadian Psychological Association (CPA), Halifax, N.S. Abstract published in *Canadian Psychology*, 49(2a).
- Johns, E. K., **Phillips, N. A.**, Belleville, S., Goupil, D., Babins, L., Kelner, N., Ska, B., Gilbert, B., Inglis, G., Massoud, F., Panisset, M., de Boysson, C., & Chertkow, H.(2008). Disproportionate deficits in inhibitory control: Profile of executive functioning in mild cognitive impairment. *Journal of the International Neuropsychological Society*, 41, Suppl. 1, p252. [Poster presented at the 36<sup>th</sup> Annual Meeting of the International Neuropsychological Society, February 6-9, 2008, Waikoloa, HI, USA.]
- Johns, E. K., **Phillips, N. A.**, Chertkow, H., Bergman, L., Solomon, S., Desormeau, J., & Nasreddine, Z. S.(2008). The Montreal Cognitive Assessment: Normative data in the community. *Journal of the International Neuropsychological Society*, 41, Suppl. 1, p58. [Poster presented at the 36<sup>th</sup> Annual Meeting of the International Neuropsychological Society, February 6-9, 2008, Waikoloa, HI, USA.]
- Taler, V., Trudeau-Malo, J., & **Phillips, N.A.**(2007). The effects of neighborhood density and neighbor frequency on lexical processing: An ERP study. *Psychophysiology*, 44, Suppl. 1, S108.
- Winneke, A.H. & **Phillips, N.A.** (2007). Assessing multisensory interactions during audio-visual speech perception using ERP. *Psychophysiology*, 44, Suppl. 1, S36. [Poster presented at the 47<sup>th</sup> Annual Meeting of the Society for Psychophysiological Research (SPR), October 17-21, 2007, Savannah, GA, USA.]
- Dwivedi, V., **Phillips, N.A.**, Einagel, S., & Baum, S. (2006). An EEG response to linguistic ambiguity. *Psychophysiology*, 43, Suppl. 1, S35. [Poster presented at the 46<sup>th</sup> Annual Meeting of the Society for Psychophysiological Research, October 24-29, 2006, Vancouver, BC, Canada.]
- Taler, V., Klepousniotou, E., & **Phillips, N.A.** (2006). The many shades of lexical ambiguity. *Psychophysiology*, 43, Suppl. 1, S97. [Poster presented at the 46<sup>th</sup> Annual Meeting of the Society for Psychophysiological Research, October 24-29, 2006, Vancouver, BC, Canada.]
- Montero-Odasso, M., Bergman, H., **Phillips, N.**, Wong, C., Sourial, N., & Chertkow, H.(2006). The effect of executive and memory dysfunction in gait performance in a cognitive impairment population. *Journal of the American Geriatrics Society.*, 54:S154. [Poster presented at the *International Congress on Gait and Mental function*, February 3-5, 2006, Madrid, Spain. Presented at *The Canadian Geriatrics Society*, April 20-22, 2006, Vancouver, BC, Canada and at *The American Geriatrics Society*, May 3-7, 2006, Chicago, IL, USA.]
- Sinai, M., & **Phillips, N.A.** (2005). Mild cognitive impairment and task switching: ERP and behavioural measures. *Journal of Cognitive Neuroscience Suppl.*, 223. [Poster presented at the *Annual Meeting of the Cognitive Neuroscience Society*, April 8-12, 2005, New York, NY, USA]
- Dwivedi, V., **Phillips, N.A.**, Laguë-Beauvais, M., & Baum, S. (2005). An electrophysiological investigation of on-line discourse comprehension. *Journal of Cognitive Neuroscience Suppl.*, 25. [Poster presented at the *Annual Meeting of the Cognitive Neuroscience Society*, April 8-12, 2005, New York, NY, USA.]

- Phillips, N.A., Klein, D., de Boysson, C., & Mercier, J.** (2004). N400 measures of auditory word repetition and translation priming in bilinguals. *Psychophysiology*, 41, S83. [Poster presented at the 44<sup>th</sup> Annual Meeting of the Society for Psychophysiological Research, October 20-24, 2004, Santa Fe, NM, USA.]
- Phillips, N.A., Mercier, J., & Klein, D.** (2004). Semantic priming within and across languages: An auditory ERP study in bilinguals. *Psychophysiology*, 41, S83. [Poster presented at the 44th Annual Meeting of the Society for Psychophysiological Research, October 20-24, 2004, Santa Fe, NM, USA.]
- Ullsperger, M., Brass, M., Knösche, T., & **Phillips, N.A.** (2004). Timing of task-set reconfiguration in frontal and parietal cortices. *Psychophysiology*, 41, S51. [Poster presented at the 44th Annual Meeting of the Society for Psychophysiological Research, October 20-24, 2004, Santa Fe, NM, USA.]
- O'Brien, I., **Phillips, N.A.**, Segalowitz, N., & Yamasaki, N. (2003). Variability in the N400 reflects automaticity of semantic priming in a second language. *Psychophysiology*, 40, S64. [Presentation at the 43<sup>rd</sup> meeting of the Society for Psychophysiological Research, October 29-November 2, 2003, Chicago, IL, USA.]
- Auchterlone, S. & **Phillips, N.A.** (2002). The nature of naming deficits in DAT patients: Evidence from a semantic battery. *Journal of the International Neuropsychological Society*, 8, 194-195.
- Phillips, N.A., & Grigorova, M.** (2000). Impact of working memory load on reading and listening to sentences: An ERP study. *Psychophysiology*, 37, S79. [Presentation at the 40<sup>th</sup> meeting of the Society for Psychophysiological Research, October 18-22, 2000, San Diego, CA, USA.]
- Phillips, N.A., Poulsen, C., & Segalowitz, N.** (2000). Event-related brain potential measures of task set switching. *Psychophysiology*, 37, S79. [Presentation at the 40<sup>th</sup> meeting of the Society for Psychophysiological Research, October 18-22, 2000, San Diego, CA, USA.]
- Segalowitz, N., Taube, M., & Phillips, N. (2000). Differentiating mechanisms of cognitive control: results from a new modification to the AX-CPT. *Abstracts of the Psychonomic Society*, 5, 40. [Presentation at the Annual Meeting of the Psychonomic Society, November 16-19, 2000, New Orleans, LA, USA.]
- Phillips, N.A., Chertkow, H., LeBlanc, M., Awad, N., Pim, H., & Murtha, S.** (1999). Functional (ERP) and structural (MRI) measures of memory dysfunction in Alzheimer's disease and Parkinson's disease. *International Journal of Psychophysiology*, 33, 83-84. [Presentation at the 12<sup>th</sup> International Conference on Event-Related Potentials of the Brain. July 19-23, 1998, Boston, MA, USA.]
- Phillips, N.A., and Hooper, R.** (1997). Short-term memory for visuospatial and verbal material in the elderly: An ERP study. *Psychophysiology*, 34, S71. [Presentation at the 37<sup>th</sup> Annual Meeting of the Society for Psychophysiological Research, October 15-19, 1997, Cape Cod, MA, USA.]
- Phillips, N., and Mate-Kole, C.** (1996). Neuropsychological function in peripheral vascular disease (PVD). *Journal of the International Neuropsychological Society*, 2, 64. [Presentation at the Annual Meeting of the International Neuropsychological Society, February 14-17, 1996, Chicago, IL, USA.]
- Connolly, J.F., **Phillips, N.A.**, Forbes, K.A.K., & Dywan, C.A. (1995). Probability effects on ERP components in speech processing and reading. *Psychophysiology*, 32, S24. [Presentation at the 35<sup>th</sup> Annual Meeting of the Society for Psychophysiological Research, October 11-15, 1995, Toronto, ON, Canada.]

- Phillips, N.A.**, & McGlone, J. (1993). Few cognitive abilities change following temporal lobectomy. *The Clinical Neuropsychologist*, 7, 338.
- Phillips, N.A.**, Connolly, J.F., Eskes, G.A., & Mate-Kole, C.C. (1990). ERP differences associated with recall memory in young and old adults. *Psychophysiology*, 27(4A), 55.
- Connolly, J.F., **Phillips, N.A.**, & Teehan, M. (1989). Evidence for subcortical abnormalities in schizophrenia. *Canadian Psychology*, 30, 501.
- Connolly, J.F., **Phillips, N.A.**, & Stewart, S.H. (1988). Neurophysiological manifestations of linguistic processing. *Canadian Psychology*, 29, 151.

### ***Conference Presentations***

- Duncan, H. D., Nikelski, J., Pilon, R., Whitehead, V., Chertkow, H., & **Phillips, N. A.** (2016). Neuroanatomical evidence of multilingualism's contribution to brain and cognitive reserve in mild cognitive impairment and Alzheimer disease. Oral presentation at the 2016 Cognitive Aging Conference, Atlanta, Georgia, USA, April 14-17, 2016.
- Al-Yawer, F., **Phillips, N.**, DeBoysson, C., Mellah, S., and Belleville, S. (2016). The Impact of Cognitive Training on Brain Electrophysiology and Divided Attention in Healthy Older Adults. Poster presented at the 2016 Cognitive Aging Conference, Atlanta, Georgia, USA, April 14-17, 2016.
- Chauvin, A., and **Phillips, N.A.** (2015). Cognitive Control Mechanisms In Bilinguals: Is It All The Same? Poster presented at the *Workshop on Bilingualism and Executive Function: An Interdisciplinary Approach*. May 18-19, 2015, CUNY Graduate Centre, New York, New York, USA.
- Duncan, H.D., Nikelski, J., Pilon, R., Whitehead, V., Chertkow, H., and **Phillips, N.A.** (2015). Multilingualism and cognitive reserve: Evidence from cortical thickness and tissue density. Poster presented at the *Workshop on Bilingualism and Executive Function: An Interdisciplinary Approach*. May 18-19, 2015, CUNY Graduate Centre, New York, New York, USA.
- Phillips, N.A.**, Ratnarajah, A.S., Powell, G., Cicione, S., DeBoysson, C., Mellah, S., and Belleville, S. (2014). The effect of cognitive training on divided attention and EEG coherence in healthy older adults. Poster presented at the 2014 Cognitive Aging Conference, Atlanta, Georgia, USA, April 3-6, 2014.
- Phillips, N.A.**, Hebert, M., Modlin, L., Pagen, L., Chauvin, A. (2014). Audio-visual speech stimuli facilitate sentence processing as a function of working memory and age. Poster presented at the 2014 Cognitive Aging Conference, Atlanta, Georgia, USA, April 3-6, 2014.
- Duncan, H.D., Kousaie, S., & **Phillips, N.** (2014). EEG coherence and executive functions in younger and older monolinguals and bilinguals. Poster presented at the 2010 Cognitive Aging Conference, Atlanta, Georgia, USA, April 3-6, 2014.
- Duncan, H.D., Pilon, R., Whitehead, V., Chertkow, H., & **Phillips, N.** (2013). Does multilingualism contribute to cognitive reserve in MCI: Evidence from MRI cortical thickness. Poster presented at the *23<sup>rd</sup> Annual Rotman Research Institute Conference, Toronto, ON*, March 4-6, 2013.
- Duncan, H.D., Pilon, R., Whitehead, V., Chertkow, H., & **Phillips, N.** (2013). Does multilingualism contribute to cognitive reserve? Oral presentation at Centre for Research on Brain, Language, and Mind DataStorm, Montreal, QC., October 4th, 2013.
- Phillips, N.A.**, Johns, E.K., & Powell, G. (2012, June). Working memory in patients with amnesic mild cognitive impairment: An event-related brain potential study using the n-back task. Poster presented at the *Canadian Psychology Association=s (CPA) 73<sup>rd</sup> Annual Convention*, Halifax, Nova Scotia, Canada.
- Duncan, H.D., Segalowitz, N., McHenry, C., & **Phillips, N.A.** (2012, May). Le bilinguisme, le vieillissement, et le contrôle attentionnel spécifique au langage. Poster presented at the *80e Congrès de L=Association Francophone pour le Savoir (ACFAS)*, Montreal, Quebec, Canada.
- Kousaie, S., & **Phillips, N.A.** (2012, May). L'effet du bilinguisme sur le contrôle cognitif chez les adultes âgés varie en fonction de la tâche. Poster presented at the *80e Congrès de L=Association Francophone pour le Savoir (ACFAS)*, Montreal, Quebec, Canada.

- Phillips, N.A., Leshunskaya, A., Klein, D., & Segalowitz, N.** (2012, May.) La commutation de langue et la commutation de tâches : des mécanismes cérébraux communs ou distincts? Poster presented at the *80e Congrès de L'Association Francophone pour le Savoir (ACFAS)*, Montreal, Quebec, Canada.
- Kousaie, S., & Phillips, N.A. (2012, February). Bilingualism and cognitive control in healthy aging. Poster presented at the *International Neuropsychological Society (INS) 40th Annual Meeting*, Montreal, Quebec, Canada.
- Falk, T.H., Trambaiolli, L., Fraga, F., Anghinah, R., & Phillips, N. (2011, October). Quantitative evidence of EEG amplitude modulation changes in Alzheimer's Disease: Implications for early detection and treatment outcome measurement. Poster presented at the *Canadian Conference on Dementia (CCD)*, Montreal, QC, Canada.
- Frtusova, J. B., Duncan, H. D., Chertkow, H., Nasreddine, Z., & Phillips, N. A. (2011). Different Factor Structure of the MoCA in Normal Aging, Mild Cognitive Impairment, and Alzheimer disease. Poster presented at the *6th Canadian Conference on Dementia*, October 27th–29th, Montreal: Quebec.
- Johns, E. K., Davies, S., & Phillips, N. A. (2011, July). Functional Neural Mechanisms Underlying Executive Functioning in Mild Cognitive Impairment and Alzheimer's Disease: An EEG Coherence Study. Poster presented at the *Alzheimer's Association International Conference on Alzheimer's Disease*, Paris, France.
- Chertkow, H., Phillips, N., Nasreddine, Z., Johns, E., Whitehead, V., McHenry, C., Bishundayal, S., Solomon, S., Desormeau, J. (2011, July). The Montreal Cognitive Assessment (MoCA): Validation of Alternate Forms and New recommendations for Education Corrections. Poster presented at the *Alzheimer's Association International Conference on Alzheimer's Disease*, Paris, France.
- Baranyaiova Frtusova, J., Winneke, A., and **Phillips, N.A.** (2011). Auditory-visual speech enhances working memory performance in younger and older adults. Poster presented at the 2011 Annual Meeting of the Cognitive Neuroscience Society, San Francisco, CA, April 2-5, 2011. Pg. 158-159.
- Johns, E. K., Davies, S., & Phillips, N. A. (2011, June). Differences in the Relationship Between EEG Coherence and Working Memory Performance in Young Adults and High and Low Performing Older Adults. Poster presented at the 21st annual meeting of the *Canadian Society of Brain, Behaviour and Cognitive Science*, Winnipeg, MB.
- Kousaie, S., and Phillips, N.A. (2011). Conflict monitoring and resolution: Are two languages better than one? Evidence from reaction time and event-related brain potentials. Poster presented at the 8<sup>th</sup> International Symposium on Bilingualism (ISB8). June 15-18, Oslo, Norway.
- Duncan, H., McHenry, C., Segalowitz, N. and Phillips, N.A. (2011). Bilingualism, aging, and language-specific attention control. Poster presented at the 8<sup>th</sup> International Symposium on Bilingualism (ISB8). June 15-18, Oslo, Norway.
- Leshinskaya, A., Klein, D., and Phillips, N.A. (2010). The neural signatures of switching language and switching task. Poster presented at the 2<sup>nd</sup> Annual Neurobiology of Language Meeting, San Diego, California, November 11-12, 2010.
- Anderson, K. G., Dugas, M. J., Koerner, N., Radomsky, A., & Phillips, N. (2010, November). Appraisals of ambiguous information: Can GAD be distinguished from other anxiety disorders? *Association for Behavioral and Cognitive Therapies*, San Francisco, California.

- Davies, S., Johns, E. K., & Phillips, N. A. (2010). Executive function and EEG coherence in younger and older adults. Poster presented at the 20<sup>th</sup> annual meeting of the *Canadian Society of Brain, Behaviour and Cognitive Science*, Halifax, Nova Scotia, June 11th-13th, 2010.
- Duncan, H. D., Karpowicz, L., Segalowitz, N., & Phillips, N.A. (2010). Bilingualism and language-specific attention control. Poster presented at the 20<sup>th</sup> annual meeting of the *Canadian Society of Brain, Behaviour and Cognitive Science*, Halifax, Nova Scotia, June 11th-13th, 2010.
- Baranyaiova Frtusova, J., Winneke, A., and Phillips, N.A. (2010). Relationship between auditory visual speech and working memory capacity in younger adults. Poster presented at the 32<sup>nd</sup> *Groupe de recherche sur le système nerveux central (GRSNC) International Symposium: Enhancing performance for action & perception - Multisensory integration, neuroplasticity & neuroprosthetics*, Montréal, Québec, May 10-11 2010.
- Duncan, H. D., Karpowicz, L., Segalowitz, N., & Phillips, N.A. (2010). Language-specific attention control in aging. Poster session presented at the Centre for Research on Language, Mind and Brain Research Day, Montreal, QC. [Date: May 7th, 2010]
- Dupuis, K., Phillips, N.A., Boodhoo, K., & Pichora-Fuller, K. (2010). Age-related differences in context use in intact and distorted speech: An electrophysiological investigation. Poster presented at the 17<sup>th</sup> *Annual Cognitive Neuroscience Society Meeting*, Montréal, Québec, April 17-20, 2010.
- Dwivedi, V.D., Phillips, N.A., and Baum, S.R. (2010). A late P600: Evidence of NP interpretation beyond feature checking. Poster presented at the 17<sup>th</sup> *Annual Cognitive Neuroscience Society Meeting*, Montréal, Québec, April 17-20, 2010.
- Deschamps, I., Tremblay, P., Phillips, N., Baum, S. and Gracco, V. (2010). Neural correlates of phonological and semantic priming. Poster presented at the 17<sup>th</sup> *Annual Cognitive Neuroscience Society Meeting*, Montréal, Québec, April 17-20, 2010.
- Phillips, N.A., Gagné, J.-P., Basu, M., Copeland, L., Gosselin, P., Winneke, A., Chan, J., and Bishundayal, S.** (2010). The role of sensory and cognitive factors in audio-visual speech perception in younger and older adults. Talk presented at the plenary session on speech perception at the 2010 *Cognitive Aging Conference*, Atlanta, Georgia, USA, April 15-18, 2010.
- Frtusova, J., Winneke, A., and Phillips, N. A. (2010). The effect of audio-visual speech information on working memory in younger and older adults. Poster presented at the 2010 *Cognitive Aging Conference*, Atlanta, Georgia, USA, April 15-18, 2010.
- Duncan, H.D., Karpowicz, L., Segalowitz, N., & Phillips, N.A. (2010). Language-specific attention control in aging. Poster presented at the 2010 *Cognitive Aging Conference*, Atlanta, Georgia, USA, April 15-18, 2010.
- Kousaie, S., and Phillips, N.A. (2010). Aging and lexical ambiguity resolution: Is there an advantage to being bilingual? Poster presented at the 2010 *Cognitive Aging Conference*, Atlanta, Georgia, USA, April 15-18, 2010.
- Johns, E.K., Phillips, N.A., Nasreddine, Z., Chertkow, H., Bergman, L., Solomon, S. & Desormeau, J. (2010). Level of education and performance on the Montreal Cognitive Assessment (MoCA): New recommendations for education corrections. Poster presented at the 2010 *Cognitive Aging Conference*, Atlanta, Georgia, USA, April 15-18, 2010.
- Leshinskaya, A., Chen, J.-K., Phillips, N. A., & Klein, D. (2009, May). *An fMRI and ERP investigation of word form and meaning representation in bilinguals*. Poster presented at Neuropsychology Day, Montreal Neurological Institute, McGill University, Montreal, Canada.

- Winneke, A.H. & **Phillips, N.A.** (2009). Electrophysiology of audio-visual speech perception in young and older adults. Poster presented at the *10th Annual meeting of the International Multisensory Research Forum (IMRF)*, New York City, June 29 - July 2, 2009.
- Winneke, A.H. & **Phillips, N.A.** (2009). Seeing lips helps young and old to process speech more efficiently. Poster presented at the *7th Annual Research Meeting of the CIHR Strategic Training Grant on Communication and Social Interaction in Healthy Aging*, February 18-22, 2009, Banff, Alberta.
- Phillips, N.A.**, Gagné, J.-P., Basu, M., Copeland, L., Gosselin, P., Saint-Pierre, A., Winneke, A. (2009). Audio-visual speech perception in younger and older adults. Poster presented at the *7th Annual Research Meeting of the CIHR Strategic Training Grant on Communication and Social Interaction in Healthy Aging*, February 18-22, 2009, Banff, Alberta.
- Winneke, A.H. & **Phillips, N.A.** (2008). Investigation of event-related brain potentials of audio-visual speech perception in background noise. *9th International Multisensory Research Forum*, July 16th - 19th, Hamburg, Germany.
- Dupuis, K., **Phillips, N.A.**, & Pichora-Fuller, K. (2008). An Electrophysiological Investigation of Context use in Intact and Distorted Speech. Poster presented at the *15th Annual Meeting of the Cognitive Neuroscience Society*. April 12-15, San Francisco, CA, USA.
- Kousaie, S., and **Phillips, N.A.** (2008). Age-related differences in interlingual priming: An electrophysiological and behavioural investigation. Poster presented at the *15th Annual Meeting of the Cognitive Neuroscience Society*. April 12-15, San Francisco, CA, USA.
- de Boysson, C., Belleville, S., Souchay, C., Phillips, N. A., & Johns, E. K. (2008). False Recognition in Age-Related Neurodegenerative Diseases. Poster presented at the *13th Annual Cognitive Aging Conference*, April, Atlanta, GA, USA.
- Winneke, A.H. & **Phillips, N.A.** (2008). Assessing multisensory interactions during audio-visual speech perception using ERP. Poster presented at the *Annual Meeting of the CIHR Strategic Research Training Program in "Communication and Social Interaction in Healthy Aging"*, February 20- 23, Banff, AB, Canada.
- Winneke, A.H. & **Phillips, N.A.** (2008). Assessing multisensory interactions during audio-visual speech perception using ERP. Poster presented at the *Annual Conference of the Center for Research in Human Development* at Concordia University, February 14-15, Montreal, QC, Canada.
- Johns, E. K., Phillips, N. A., Belleville, S., Goupil, D., Babins, L., Kelner, N., Ska, B., Gilbert, B., Inglis, G., Massoud, F., Panisset, M., de Boysson, C., & Chertkow, H. (2008). Disproportionate deficits in inhibitory control: Profile of executive functioning in mild cognitive impairment. Paper presented at the *4th annual meeting of the Centre for Research in Human Development*, February, Montreal, QC, Canada.
- Winneke, A.H. & **Phillips, N.A.** (2008). Assessing multisensory interactions during audio-visual speech perception using ERP. Poster presented at the *Center for Research of Language, Mind and Brain (CRLMB) Annual Research Day*, February 4, Montreal, QC, Canada.
- O'Brien, I., Titone, D., McFarland, D., Palmer, C., **Phillips, N.**, Jamrozik, A., & Jewitt, L. (2007). Working Memory and Oral Fluency during Spontaneous Language Production. Paper presented at the 48th Psychonomic Society Meeting, Long Beach, CA.
- Dupuis, K., **Phillips, N.A.**, & Pichora-Fuller, K. (2007). Using Context to Improve Comprehension of Intact and Distorted Speech in Younger and Older Adults. Poster presentation at the *Aging and Speech Communication research conference*, October, Bloomington, IN, USA.

- Phillips, N.A., Masse, M., Rybniak, L., Kousaie, S., and Taylor, V.** (2007). The effect of word form and word meaning on processing written and spoken words in a first and second language: An event-related brain potential study. Poster presented at the *3rd Annual Rovereto Workshop on Bilingualism: Phonological processing in bilingual speech production and perception*. University of Trento, September 20-23, Rovereto, Italy.
- Taler, V., & Phillips, N.A.** (2007). Event-related potential measures of lexical activation in Alzheimer's disease. Poster presented at the *45th Annual Meeting of the Academy of Aphasia*, October, Washington, DC, USA.
- Johns, E., Phillips, N.A.** (2007). Neuropsychological differentiation of mild cognitive impairment, frontotemporal dementia, and Lewy body dementia. Poster presented at the *Biennial Conference on Theoretical & Experimental Neuropsychology*, June. 21-23, Montreal, QC, Canada.
- Winneke, A.H. & Phillips, N.A.** (2007). Brain processes underlying the integration of audio-visual speech and non-speech information. Poster presented at the *Biennial Conference on Theoretical & Experimental Neuropsychology*, June 21- 23, Montreal, QC, Canada.
- Taler, V., Klepousniotou, E., & Phillips, N.A.** (2007). Lexical ambiguity processing in healthy aging and mild cognitive impairment: an ERP study. Poster presented at *TENNET*, June, Montreal, QC, Canada.
- Taler, V., & Phillips, N.A.** (2007). ERP evidence for early effects of neighborhood density in word recognition. Presented at the *14th Annual Meeting of the Cognitive Neuroscience Society*. May 5-8, New York, NY, USA.
- Chertkow, H., Panisset, M., Inglis, G., Massoud, F., Nasreddine, Z., Phillips, N., & Belleville, S.** (2007). Contrasting patterns of neuropsychiatric and functional impairment in Lewy Body dementia and Frontotemporal dementia. *8th International Conference AD/PD*. March 14-18, Salzburg, Austria.
- Copeland, L. S., Phillips, N. A., Gagne, J. P. & Basu, M.** (2007). Perceptual and cognitive mechanisms of audio-visual speech processing in aging. Poster presented at the *12th Annual McGill Division of Geriatric Medicine Research Day*, April, Montreal, QC, Canada.
- Kousaie, S., & Phillips, N. A.** (2007). Age-related differences in interlingual priming: A behavioural and electrophysiological investigation. Poster presented at the *12th Annual McGill Division of Geriatric Medicine Research Day*, April, Montreal, QC, Canada.
- Winneke, A.H. & Phillips, N.A.** (2007). Brain processes underlying the integration of audio-visual speech and non-speech information. Oral presentation at the *Annual Meeting of the CIHR Strategic Research Training Program in "Communication and Social Interaction in Healthy Aging"*, February, Montreal, QC, Canada.
- Winneke, A., & Phillips, N.A.** (2007). An ERP study of audio-visual integration of environmental objects in humans. Poster presented at the *Annual Conference of the Center for Research in Human Development* at Concordia University, February 8 -9, Montreal, QC, Canada.
- Chertkow, H., Phillips, N., Belleville, S., Nasreddine, Z., Verret, L., Panisset, M., Massoud, F., & Inglis, G.** (2007). Anomia and its origins in Lewy Body dementia and Frontotemporal dementia. *8th International Conference AD/PD*. March 14-18, Salzburg, Austria.
- Thivierge, J.P., & Phillips, N.** (2007). Automatic Component Detection of Event-Related Potentials Using Functional Data Analysis. Poster presented at the *14th Annual Meeting of the Cognitive Neuroscience Society*. May 5-8, New York, NY, USA.

- Kousaie, S., & Phillips, N. A. (2007). Age differences in Stroop interference in monolinguals and French-English bilinguals. Presented at the *Annual Research Symposium of the Canadian Institutes for Health Research Strategic Research Training Program*, "Communication and Social Interaction in Healthy Aging", February, Orford, QC, Canada.
- Copeland, L. S., Phillips, N. A., Gagne, J. P. & Basu, M. (2006). Perceptual and cognitive mechanisms of audio-visual speech processing in aging. Poster presented at the *Centre for Research on Language, Mind and Brain Student Research Day*, December, Montreal, QC, Canada.
- Winneke, A.H., & **Phillips, N.A.** (2006). An ERP study of audio-visual integration of environmental objects in humans. Poster presented at the *36<sup>th</sup> Annual Meeting of the Society for Neuroscience*, Oct.14-18, Atlanta, GA, USA.
- Dwivedi, V., **Phillips, N.A.**, Einagel, S., & Baum, S. (2006). An electrophysiological investigation of quantificational ambiguity. Poster presented at the *5th International Conference on the Mental Lexicon*, October 11-13, Montreal, QC, Canada.
- Kousaie, S., & Phillips, N. A. (2006). Age-related differences in interlingual priming: A behavioural and electrophysiological investigation. Poster presentation at the *5th International Conference on the Mental Lexicon*, October 11-13, Montreal, QC, Canada.
- Taler, V., Kousaie, S., & Phillips, N. (2006). Processing of conceptual combinations in healthy aging and mild cognitive impairment. Poster presentation at the *5th International Conference on the Mental Lexicon*, October 11-13, Montreal, QC, Canada.
- Chertkow, H., Duong, A., **Phillips, N.**, Bergman, H., Babins, L., & Kelner, N. (2006). Mild Cognitive Impairment n The danger of basing the diagnosis on published normative groups. *10th International Conference on Alzheimer's Disease and Related Disorders*, July 15-20, Madrid, Spain.
- Sinai, M., **Phillips, N.A.**, & Goffaux, P. (2006). Task difficulty effects on backward inhibition. Symposium presentation at the *Canadian Society for Brain, Behaviour, and Cognition Conference*. June 22-24, Saskatoon, SK, Canada.
- Goffaux, P., **Phillips, N.**, Sinai, M., Pushkar, D. (2006). Failing to prepare: How working memory affects age-related changes in task switching performance and electrical brain activity. Talk presented at the *16th Annual Meeting of the Canadian Society for Brain, Behaviour and Cognitive Science*, June 22-24, Saskatoon, SK, Canada.
- Cameli, L., **Phillips, N.A.**, Kousaie, S., Dwivedi, V., Panisset, M. & Nasreddine. Z. (2006). The effect of aging and age-related diseases on first and second language narratives. Poster presented at the *11<sup>th</sup> Biennial Cognitive Aging Conference*, April 20-23, Atlanta, GA, USA.
- Goffaux, P., **Phillips, N.A.**, Sinai, M., & Pushkar D. (2006). Failing to prepare: How working memory affects age-related changes in task switching performance and electrical brain activity. Poster presented at the *11<sup>th</sup> Biennial Cognitive Aging Conference*, April 20-23, Atlanta, GA, USA.
- Kousaie, S. & **Phillips, N.A.** (2006). Age differences in stroop interference in monolinguals and French-English bilinguals. Poster presented at the *11<sup>th</sup> Biennial Cognitive Aging Conference*, April 20-23, Atlanta, GA, USA.
- Sinai, M., **Phillips, N.A.** & Chertkow, H. (2006). Effects of age and mild cognitive impairment on covert attention. Poster presented at the *11<sup>th</sup> Biennial Cognitive Aging Conference*, April 20-23, Atlanta GA, USA.

- Sinai, M., **Phillips, N.A.**, & Chertkow, H. (2006). Set switching ability is associated with different cognitive profiles in patients with mild cognitive impairment. Poster presented at the *11<sup>th</sup> Biennial Cognitive Aging Conference*, April 20-23, Atlanta GA, USA.
- Taler, V., & **Phillips, N.A.** (2006). An ERP study of sentence processing in MCI: The effects of neighborhood density and congruency. Poster presented at the *11<sup>th</sup> Biennial Cognitive Aging Conference*, April 20-23, Atlanta, GA. USA.
- Montero-Odasso, M.M., Bergman, H., **Phillips, N.A.**, Wong, C., Sourial, N., & Chertkow, H. (2006). Slow gait velocity is associated with executive and memory dysfunction in subjects with Mild Cognitive Impairment. Poster presented at the *International Congress on Gait & Mental Function*, February 3-5, Madrid, Spain.
- Montero-Odasso, M.M., Bergman, H., **Phillips, N.A.**, Wong, C., Sourial, N., & Chertkow, H. (2006). Effect of executive and memory dysfunction on gait performance in a mild cognitive impairment population. Poster presented at the *American Geriatrics Society Meeting*, May 3-7, Chicago, IL, USA.
- Kousaie, S. and **Phillips, N.A.** (2005). Bilingualism and aging: Electrophysiological and behavioural measures of interlingual priming. Poster presented at the *Ninth International Conference on Cognitive Neuroscience (ICON9)*, September, Cubanacan Playa, Cuba.
- Auchterlonie, S., **Phillips, N.A.**, & Saumier, D. (2005). Effects of categorical and featural encoding cues on proactive interference. Poster presented at the *Annual Meeting of the American Psychological Association*, August, Washington, DC, USA.
- Phillips, N.A.**, & Matousek, R. (2005). The effects of phonological noise on speech processing and working memory in younger and older adults. Paper presented at the symposium on AAn updated view of working memory constraints on language, @ (D. Titone, chair) at the *15<sup>th</sup> Annual Conference of the Canadian Society for Brain, Behaviour and Cognitive Science (CSBBCS)*, July 14-17, Montreal, QC, Canada.
- Dwivedi, V., **Phillips, N.**, Laguë-Beauvais, M., & Baum, S. (2005). The interface of syntax, semantics and psycholinguistics: an investigation of operator scope. Paper presented at the *24<sup>th</sup> meeting of the West Coast Conference on Linguistics*, Simon Fraser University, March, Vancouver, BC, Canada.
- Cameli, L., **Phillips, N.A.**, Kousaie, S., & Panisset, M. (2005). Memory and Language in Bilingual Alzheimer and Parkinson Patients: Insights from Verb Inflection. Presented at the *16<sup>th</sup> Annual conference on Theoretical and Experimental Neuropsychology, TENNET XVI*, June, Montreal, QC, Canada.
- Sinai, M., & **Phillips, N.A.** (2005). Mild cognitive impairment and task switching: ERP and behavioural measures. Poster presented at the *Annual Meeting of the Cognitive Neuroscience Society*, April 9-12, New York, NY, USA.
- Dwivedi, V., **Phillips, N.A.**, Laguë-Beauvais, M. & Baum, S. (2005) An electrophysiological investigation of on-line discourse comprehension. Poster presented at the *Annual Meeting of the Cognitive Neuroscience Society*, April 9-12, New York, NY, USA.
- Nasreddine, Z.S., Chertkow, H., **Phillips, N.A.**, Whitehead, V., Collin, I., & Cummings, J.L. (2004). The Montreal Cognitive Assessment (MoCA): A Brief Cognitive Screening Tool for Detection of Mild Cognitive Impairment. Poster presented at the *56<sup>th</sup> American Academy of Neurology Annual Meeting*, April 24- May 1, San Francisco, CA, USA.

- Sinai, M., & **Phillips, N.A.** (2004). Behavioural and ERP effects of recently performed tasks in a task-switching experiment. Presented at the *10th Biennial Cognitive Aging Conference*, April 1-4, Atlanta, GA, USA.
- Levinoff, E.J., **Phillips, N.A.**, Verret, L., Babins, L., Kelner, N., Akerib, V., & Chertkow, H. (2004). Cognitive estimation in older adults and patients with Alzheimer=s Disease and mild cognitive impairment. Poster presented at the *10th Biennial Cognitive Aging Conference*, April 1-4, Atlanta, GA, USA.
- Nasreddine, Z.S., Chertkow, H., **Phillips, N.A.**, Bergman, H., Whitehead, V., & Collin, I. (2003). Sensitivity and specificity of the Montreal Cognitive Assessment (MOCA) as a cognitive screening tool for detection of mild cognitive deficits. Presented at the *38<sup>th</sup> Meeting of the Canadian Congress of Neurological Sciences*, June 19-22, Québec City, QC, Canada.
- Blanchet, S., Belleville, S., **Phillips, N.**, Mellah, S., Gauthier, S., and Chertkow, H. (2003). Electrophysiological study of working memory in mild cognitive impairment patients. (2003). Presented at the *13<sup>th</sup> Annual Conference of the Rotman Research Institute*, March 17-18, Toronto, ON, Canada.
- Dugas, M. J., Hedayati, M., Karavidas, A., Buhr, K., Francis, K., & Phillips, N. (2002). Intolerance of uncertainty and information processing: Implications for etiological models of Generalized Anxiety Disorder. In: *Information processing in Social Phobia and Generalized Anxiety Disorder: New approaches to old questions*. Symposium presented at the *Annual Meeting of The Association for Advancement of Behavior Therapy*, Reno, NV, November, 2002.
- Phillips, N.A.**, & Ingenito, L. (2002). Electrical brain activity during homograph reading: Effects of working memory capacity. Presented at the *8<sup>th</sup> International Conference on Cognitive Neuroscience (ICON8)*, September 9-15, Porquerolles Island, France.
- Goffaux, P., **Phillips, N.A.**, Pushkar, D., & Sinai, M. (2002). Electrical brain activity associated with backwards inhibition during task switching. Presented at the *Eight International Conference on Cognitive Neuroscience (ICON8)*, September 9-15, Porquerolles Island, France.
- Akerib, V. & **Phillips, N.A.** (2002). Age differences in problem solving using a transitive inference task. Presented at the *9<sup>th</sup> Biennial Cognitive Aging Conference*, April 18-21, Atlanta, GA, USA.
- Sinai, M., & **Phillips, N.A.** (2002). Age and task difficulty effects on task-switching: an ERP study. Presented at the *9<sup>th</sup> Biennial Cognitive Aging Conference*, April 18-21, Atlanta, GA, USA.
- Nasreddine, Z.S., Collin, I., Hebert, L., Chertkow, H., Cummings, J.L., & **Phillips, N.A.** (2002). Sensitivity and specificity of the Brief Cognitive Inventory (BCI) as a cognitive screening tool for detection of mild cognitive deficits. Presented at the *54th Annual Meeting of the American Academy of Neurology*, April, Denver, CO, USA.
- Verret, L., Levinoff, E., **Phillips, N.**, Babins, L., Kelner, N., Bergman, H., & Chertkow, H. (2001). A Cognitive Estimation Test for Memory Impaired Subjects. Presented at the *First Canadian Colloquium on Dementia*, October 11-13, Toronto, ON, Canada.
- Karavidas, A., Dugas, M. J., Buhr, K., & Phillips, N. (2001). Intolerance of uncertainty and information processing bias. Presented at the *Association for Advancement of Behavior Therapy*, November, Philadelphia, PA, USA.
- Phillips, N.A.**, and Matousek, R. (2001). Brain activity during speech comprehension: The impact of age and working memory. Presented at the *5<sup>th</sup> International Conference on Communication, Aging, and Health*, June 29-July 2, Vancouver, BC, Canada.

- Auchterlonie, S., **Phillips, N.A.**, and Chertkow, H. (2001). Electrophysiological studies of semantic memory impairments in Alzheimer=s disease: Failure of access or loss of knowledge? Poster presented at the *12th Annual conference on Theoretical and Experimental Neuropsychology, TENNET XII*, June, Montreal, QC, Canada.
- Poulsen, C., Luu , P., Tucker, D., Speiser, A., Segalowitz, N., **Phillips, N.**, & Davey, C. (2001). Do task switching and inhibition recruit distinct control mechanisms? Evidence from dense-array event-related potentials. Poster presented at the *Banff Annual Seminar in Cognitive Science*, May, Banff, AB, Canada.
- Phillips, N.A.**, Arbuckle, T., Pushkar, D., & Lesperance, D. (2000). Age-related differences in inhibition during reading: Support from event-related brain potentials. Presented at the *8<sup>th</sup> Biennial Cognitive Aging Conference*, April 27-30, Atlanta, GA, USA.
- Phillips, N.A.**, Auchterlonie, S., & Chertkow, H. (2000). Robust word-picture priming in aging: Evidence from event-related brain potentials and application to dementia. Presented at the *8<sup>th</sup> Biennial Cognitive Aging Conference*, April 27-30, Atlanta, GA, USA.
- Chertkow, H., Murtha, S., Bergman, H., Schondorf, R., **Phillips, N.**, Beaugregard, M., & Chong, G. (2000). Prediction of treatment response with Donepezil in Alzheimer=s disease. Presented at *The World Alzheimer Congress 2000*, July, Washington, DC, USA.
- Cameli, L., & **Phillips, N.A.** (1999). Age-Related Differences in Semantic Priming: Evidence from Event-Related Brain Potentials. Poster presented at *TENNET X: Theoretical And Experimental Neuropsychology*, June 17-19, Montréal, QC, Canada.
- Phillips, N.A.**, LeBlanc, M., & Chertkow, H. (1998). Event-related brain potential correlates of short-term memory in healthy elderly, patients with aging-associated cognitive decline, and Alzheimer=s disease. Poster presented at the *Rotman Research Institute 8<sup>th</sup> Annual Conference: Cognition and the Aging Brain*. March 19-20, Toronto, ON, Canada.
- Phillips, N.A.**, Chertkow, H., LeBlanc, M., Pim, H., & Murtha, S. (1998). Short-term memory in healthy elderly, patients with Alzheimer=s disease, and patients with early cognitive complaint: Use of functional (ERPs) and structural measures. Poster presented at the *7<sup>th</sup> Cognitive Aging Conference*, April 23-26, Atlanta, GA, USA.
- Phillips, N.A.**, (1995). Neuropsychological function in patients with peripheral vascular disease and cerebrovascular disease. Proceedings of the *University of Calgary Department of Clinical Neurosciences Research Day*, April, Calgary, AB, Canada.
- Phillips, N.A.**, & McGlone, J. (1993). Grouped data don't tell the whole story: Individual analysis of cognitive change following temporal lobectomy. Poster presented at the *101st Annual Convention of the American Psychological Association*, August 20-24, Toronto, ON, Canada.
- Phillips, N.A.** (1993). Event-related potentials during spoken sentence processing. Paper presented at the *American Meeting of Cognitive E.R.P. Research*, July, New York, NY, USA.
- Connolly, J.F., **Phillips, N.A.**, & Forbes, K.A.K. (1993). Event-related brain potentials reflect phonological and semantic processing of spoken and written language. Poster presentation at the *American Psychological Society Annual Conference*, June, Chicago, IL, USA.
- Phillips, N.A.**, Connolly, J.F., Mate-Kole, C.C., Rutledge, L., & Gray, J. (1992). Pb of the auditory middle latency response is not reliably elicited in patients with Alzheimer's disease or elderly controls. Poster presentation at the *10<sup>th</sup> International Conference on Event-Related Potentials of the Brain (EPIC X)*, May 31-June 5, Eger, Hungary.

- Phillips, N.A.** (1992). P1 component of the middle latency auditory evoked response does not differentiate patients with Alzheimer's disease from normal elderly controls. Presented at the *Metro Human Electrophysiology Group, Isaak Walton Killam Hospital for Children*, April, Halifax, NS, Canada.
- Phillips, N.A.** (1991). Neuropsychological function in peripheral vascular disease amputees. Presented at the *Metro Neuropsychology Journal Club, Victoria General Hospital*, December, Halifax, NS, Canada.
- Phillips, N.A.** (1990). Neural correlates of encoding into episodic memory in young and old adults. Presented at the *Neuropsychology Grand Rounds*, Department of Psychology, Camp Hill Medical Centre, October, Halifax, NS, Canada.
- Phillips, N.A., Connolly, J.F., Eskes, G.A., & Mate-Kole, C.C.** (1989). Do ERPs reflect differential memory processing in elderly controls and patients with memory dysfunction? Presented at *EPIC IX: The 9<sup>th</sup> international conference on event-related potentials of the brain*, June, Noordwijk, the Netherlands.
- Connolly, J.F., **Phillips, N.A.** & Williston, S. (1989). Brainstem auditory evoked potential (BAEP) differences associated with gender, handedness and familial sinistrality. Presented at *EPIC IX: The 9<sup>th</sup> international conference on event-related potentials of the brain*, June, Noordwijk, the Netherlands.
- Connolly, J.F., Teehan, M., **Phillips, N.**, Ekern, P., Michalon, M., Byrne, B., Baldursson, G., & Munro, A. (1988). Brainstem auditory evoked potential (BAEP) abnormalities in schizophrenia. Presented at the *9<sup>th</sup> International Symposium on Neurophysiological Correlates of Psychopathological Conditions*, October, Capri, Italy.
- Connolly, J.F., Teehan, M., **Phillips, N.A.**, Ekern, P., Sladen-Dew, N., Michalon, M., Byrne, B., Baldursson, G., Heffernan, L., & Munro, A. (1988). Neurophysiological manifestations of abnormalities at the level of the brainstem in schizophrenia. Presented at the *38<sup>th</sup> Annual Meeting of the Canadian Psychiatric Association*, September, Halifax, NS, Canada.

### ***Non-Peer Reviewed Work***

- Phillips, N.A.** (1998). AMoving early diagnosis of AD forward.@ *Liaison* (Newsletter of the Alzheimer Disease Society of Montréal), vol. 16(2), Summer.
- Braha, R.E.D., and **Phillips, N.A.** (1990). *Report on pilot study data compilation and analyses: An investigation of decisional capacity in the elderly*. Department of Geriatric Medicine Technical Report, Camp Hill Medical Centre, Halifax, Nova Scotia.

### **Media Coverage**

March 12, 2017: *You Will Remember Me* pre-play discussant at the Centaur Theatre (Montreal, QC)  
<https://centaurtheatre.com/you-will-remember-me.html>

CCNA Team 17 research video  
videos (e.g., <http://ccna-ccnv.ca/en/category/videos/#event-ccna-team-17-interventions-at-the-sensory-cognitive-interface>).

September 16, 2014: Revolutionizing Alzheimer's research in Canada!  
<http://www.concordia.ca/cunews/main/stories/2014/09/16/revolutionizing-alzheimersresearchincanada.html>

The MoCA  
<http://www.cihr-irsc.gc.ca/e/48556.html>

October 15, 2013: The MoCA has surpassed over 1000 citations!  
[http://psychology.concordia.ca/fac/phillips/files/MoCA\\_JGHNews.pdf](http://psychology.concordia.ca/fac/phillips/files/MoCA_JGHNews.pdf)  
<http://www.montrealgazette.com/health/Concordia+University+study+zeroes+early+signs+Alzheimer/7226755/story.html>