

Department of Speech Pathology & Audiology  
Annual Report  
2011-2012



## Table of Contents

Message from the Chair .....	3
Mission Statement .....	4
Department Personnel .....	5
New Hires .....	7
Awards .....	7
MScSLP Awards and Scholarships .....	9
Grant Funding .....	13
Publications .....	21
Service .....	36
Clinical Education .....	40
Corbett Clinic .....	41
CHEEP .....	42
Clinical Placement Sites .....	44
Francophone Certificate .....	47
Student Research .....	48
Events .....	50
Admission and Convocation Statistics .....	56

## Department of Speech Pathology & Audiology

### Message from the Chair

I am pleased to present this report of the activities and accomplishments of the Department of Speech Pathology and Audiology (SPA) during the 2011-12 academic year. We admitted 57 new students to the MScSLP program in September 2011, 5 of whom selected the optional thesis track. In June and November 2011 combined, 52 MScSLP students convocated.

We saw many transitions in 2011-12. Deborah Kully, Executive Director of the Institute for Stuttering Treatment and Research (ISTAR) with a joint appointment as an Associate Professor in the SPA Department, retired in December 2011. Dr. Megan Hodge “advanced” to the status of Professor Emerita at the end of June 2012, after more than 30 years in the Department. The Corbett Hall Early Education Program (CHEEP) celebrated its 10<sup>th</sup> anniversary this year. We were successful in two faculty searches. Dr. Deryk Beal was appointed Executive Director of ISTAR with a joint appointment as an Assistant Professor in SPA beginning September 2012, and Dr. Monique Charest will join the department as an Assistant Professor in the area of child language in July 2013. During the year, we also welcomed 4 new babies into our SPA extended family. We are very grateful for the many wonderful sessional instructors and part-time clinical educators who joined us in 2011-12 and helped us in this time of transition.

Three SPA faculty members received awards this year. Dr. Tammy Hopper received the Rehabilitation Medicine Students Association (RMSA) Teaching Award, and Lu-Anne McFarlane was the recipient of the Academic Staff Award from the Graduate Student Association. In addition, Dr. Marilyn Langevin was the inaugural recipient of the Faculty of Rehabilitation Medicine Excellence in Research Award.

Our students were busy not only with classes and clinical placements, but also with a number of events including the annual Organization of Alberta Students in Speech (OASIS) conference held in September, a Flash Mob dance to raise awareness of communication disorders during the May Speech and Hearing Month, the Bowling for Smiles fundraiser for cleft lip and palate surgeries in developing countries in June, and the Corbett Carnival in July.

Details of these and many other activities and accomplishments in 2011-12 are included in this report.



Karen E. Pollock, Ph.D., R.SLP  
Professor and Chair

## Mission Statement

The Department of Speech Pathology and Audiology promotes excellence in speech-language pathology practice by:

- providing the highest quality of speech-language pathology education
- producing competent entry-level speech-language pathologists who will serve paediatric to geriatric populations across Canada
- promoting evidence-based clinical service delivery
- generating new knowledge through research
- encouraging the development of future academics (researchers and educators) in speech-language pathology
- enhancing our reputation as an outstanding national clinical training and research centre



## Department Personnel

### Faculty

#### *Professors*

**Albert Cook, PhD**  
Professor

**Karen Pollock, PhD**  
Professor & Chair

**Jana Rieger, PhD**  
Professor

**Phyllis Schneider, PhD**  
Professor  
Graduate Coordinator

**Joanne Volden, PhD**  
Professor and Associate Dean for  
Graduate Studies and Research, Faculty  
of Rehabilitation Medicine

#### *Associate Professors*

**Carol Boliek, PhD**  
Associate Professor

**Melanie Campbell, PhD**  
Associate Professor & Associate Chair  
Graduate Admissions Advisor

**Stuart Cleary, PhD**  
Associate Professor

**Bill Hodgetts, PhD**  
Associate Professor

**Tammy Hopper, PhD**  
Associate Professor

**Lu-Anne McFarlane**  
Associate Professor  
Academic Coordinator of Clinical Education

**Ming Zhang, PhD**  
Associate Professor

***Assistant Professors***

**Jacqueline Cummine, PhD**  
Assistant Professor

**Esther Kim, PhD**  
Assistant Professor

**Marilyn Langevin**  
Assistant Professor

**Teresa Paslawski, PhD**  
Assistant Professor

***Professor Emeriti***

S Greiter, PhD  
P Hagler, PhD  
M Hodge, PhD  
G Holdgrafer, PhD  
D Kully  
AH Rochet, PhD

***Sessional Instructors (2011-12)***

Judy Meintzer  
SPA 511 Child Language Development and Assessment & SPA 518 Remediation of Child  
Language Disorders  
Brea Chouinard  
SPA 520 Adult Language Disorders  
Christine Beliveau  
SPA 523 Augmentative/Alternative Communication Systems  
Michelle Swift  
SPA 528 Fluency  
Teresa Hardy  
Lab Coordinator, Clinical Educator

***Clinical Assistant Professors***

**Due Decker**  
Clinical Assistant Professor

**Sandy Diediw**  
Clinical Assistant Professor

**Debra Martin**  
Clinical Assistant Professor

**Dallyce McGowan**  
Clinical Assistant Professor

**Randa Tomczak**  
Clinical Assistant Professor  
Teaching Lab Coordinator

***Adjunct Associate Professors***

K Ritter, PhD  
D Truscott, PhD

***Adjunct Assistant Professor***

S Rafaat, MSc

### ***Guest Lecturers***

A Assally	T Dow	R Kajner	L Stark
C Beaulieu	K Dul	S Kollias	B Strachan
G Carrier	J Evans	J Mahood	B Tetzloff
B Chappell	M Flanagan	J Maschmeyer	G Wilkes
J Chesworth	J Hancock	P Nesbitt	J Wolfaardt
M Craig	L Hancock	A Ostevik	F Woodruff-Gamit
K Dao	T Henry	S Rafaat	L Wylie
S Decker	S Hodgetts	K Ritter	
L De Nil	S Hundert	C Schmitz	

### ***Postdoctoral Fellows***

Hyunju Chung, PhD  
Corey Tomczak, PhD

### ***New Hires***

**Deryk Beal**, ISTAR Executive Director and Assistant Professor (effective September 2012)  
**Monique Charest**, Assistant Professor (effective July 2013)

### **Administrative Staff**

#### **Carol Gray**

Clinical Education Assistant

#### **Noriko Major**

Receptionist/Office Assistant

#### **Shelley Richmond**

Resource Assistant

#### **Vicki Trombley**

Administrative Coordinator

## **Faculty Awards**

**Dr. Tammy Hopper**

Rehabilitation Medicine Student Association Teaching Award 2011

**Lu-Anne McFarlane**

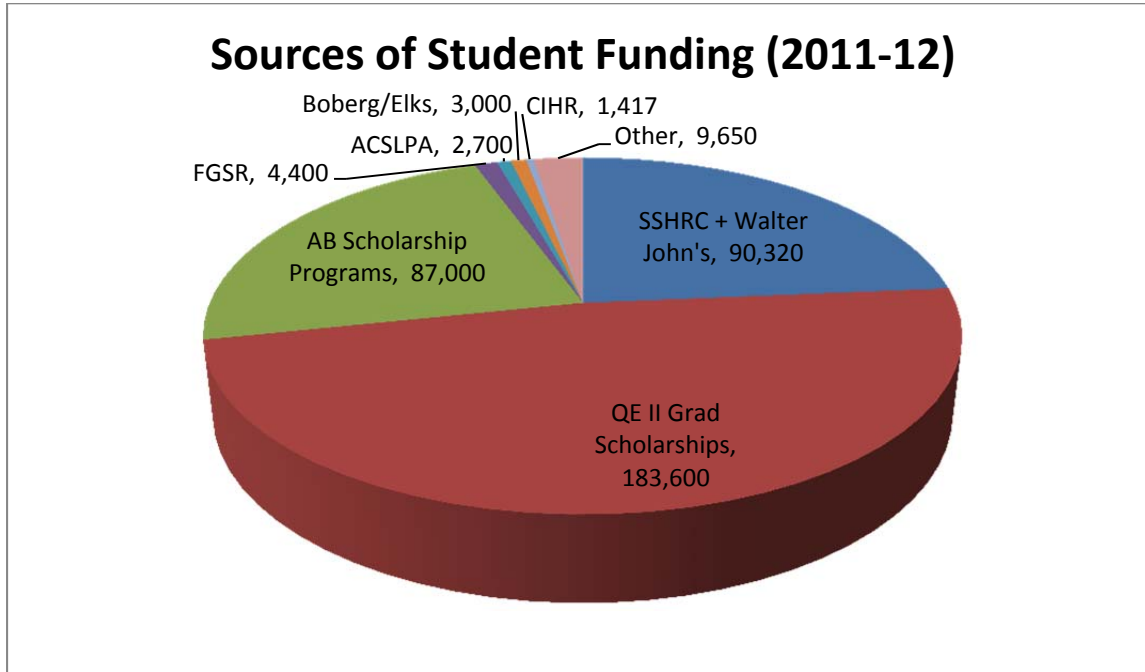
Graduate Student Association Academic Staff Award 2012

**Dr. Marilyn Langevin**

Faculty of Rehabilitation Medicine Excellence in Research Award 2011



## MScSLP Student Awards and Scholarships



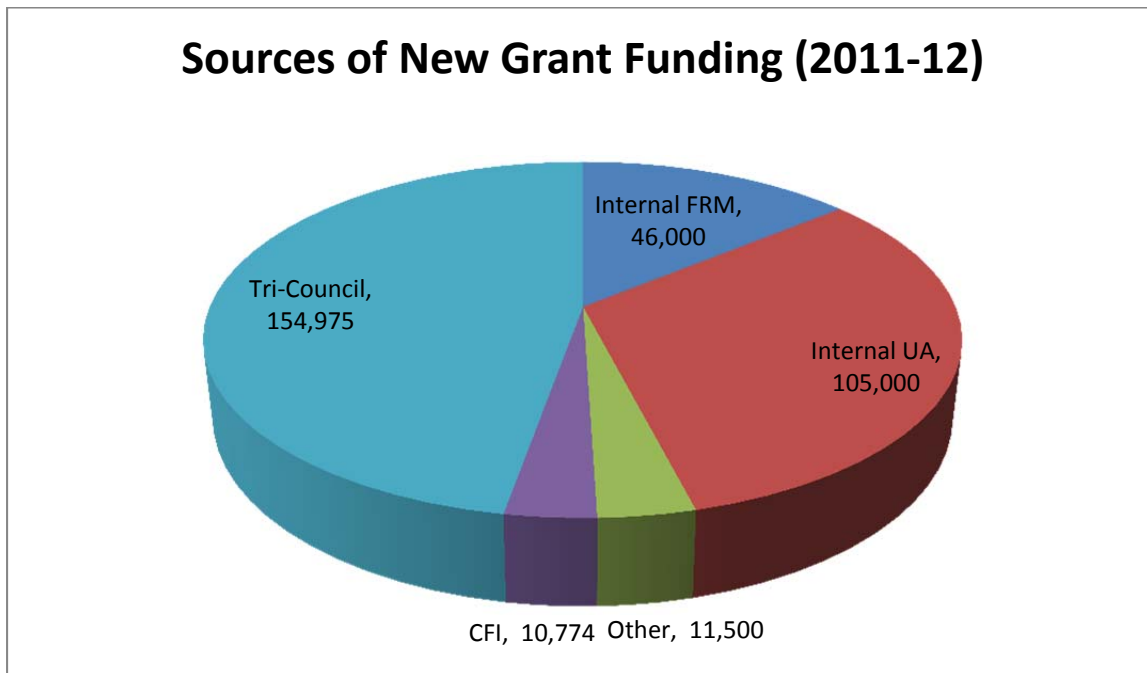
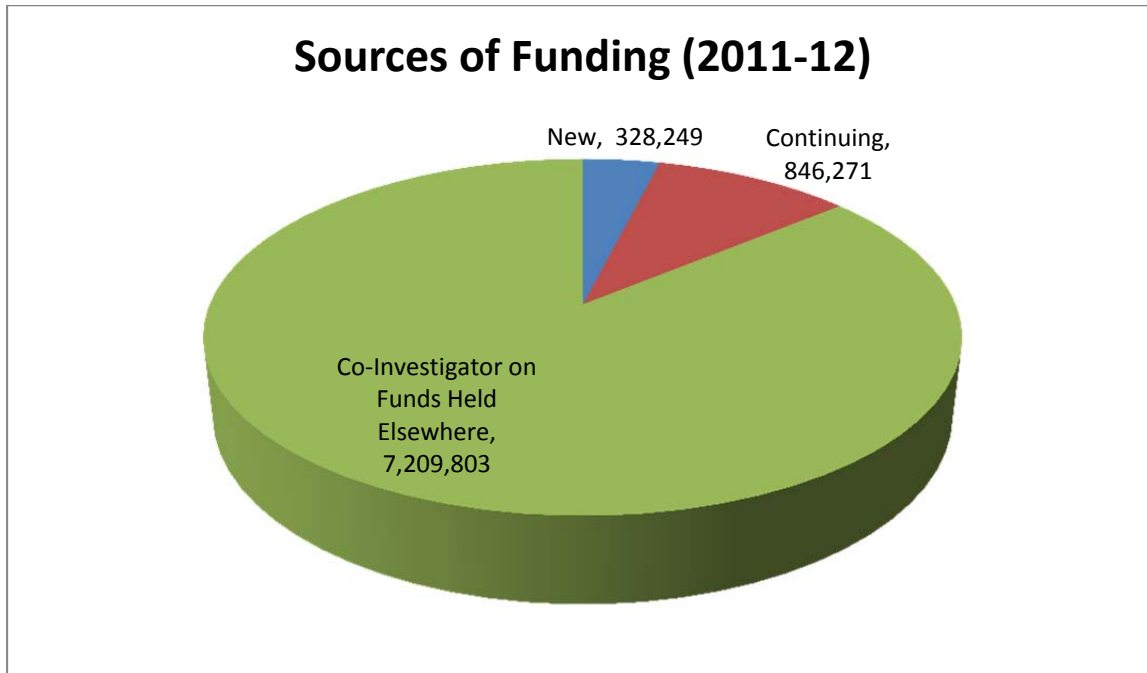
Student Name	Award/Scholarship name	Value
Amy, Jennifer	Alberta Scholarship Programs Graduate Student Scholarships GPA 3.6 and above	\$3,000.00
Bailey, Meaghan	Alberta Scholarship Programs Graduate Student Scholarships GPA 3.6 and above	\$3,000.00
Bailey, Meaghan	Edmonton (Host) Lions Club Scholarship	\$950.00
Blair, Olivia	Alberta Scholarship Programs Graduate Student Scholarships GPA 3.6 and above	\$3,000.00
Conley, Robyn	FGSR, Profiling Alberta's Graduate Students Award	\$1,100.00
Courchesne, Adele	Queen Elizabeth II Graduate Scholarship	\$10,800.00
Cust, Sarah	Alberta Scholarship Programs Graduate Student Scholarships GPA 3.6 and above	\$3,000.00
Cust, Sarah	Evelyn and Gene Norvile Memorial Graduate Scholarship in Rehabilitation Medicine	\$1,200.00
Cust, Sarah	Queen Elizabeth II Graduate Scholarship	\$10,800.00
Dai, Wenjun	Alberta Scholarship Programs Graduate Student Scholarships GPA 3.6 and above	\$3,000.00

Student Name	Award/Scholarship name	Value
Dai, Wenjun	CIHR Professional Student Research Award	\$1,417.00
Dai, Wenjun	Queen Elizabeth II Graduate Scholarship	\$10,800.00
Dale, Alison	FGSR, Mary Louise Imrie Graduate Student Award	\$1,100.00
DeBeyer, Michaela	Alberta Scholarship Programs Graduate Student Scholarships GPA 3.6 and above	\$3,000.00
DeBeyer, Michaela	SSHRC CGSM	\$17,500.00
DeBeyer, Michaela	Walter H. Johns Graduate Fellowship	\$5,080.00
Esch, Julia	Oil Service Charitable Organization Graduate Scholarship	\$2,200.00
Evens, Jill	Alberta Scholarship Programs Graduate Student Scholarships GPA 3.6 and above	\$3,000.00
Evens, Jill	Einer Boberg/Alberta Elks Foundation Memorial Graduate Award	\$1,500.00
Evens, Jill	Queen Elizabeth II Graduate Scholarship	\$10,800.00
Fok, Joyce	Queen Elizabeth II Graduate Scholarship	\$10,800.00
Fournier, Angele	ACSLPA Academic Award	\$100.00
Fournier, Angele	Alberta Scholarship Programs Graduate Student Scholarships GPA 3.6 and above	\$3,000.00
Fournier, Angele	J Gordin Kaplan Graduate Student Award	\$800.00
Fournier, Angele	Queen Elizabeth II Graduate Scholarship	\$10,800.00
Franklin, Aryn	Alberta Scholarship Programs Graduate Student Scholarships GPA 3.6 and above	\$3,000.00
Greidanus, Krista	Alberta Scholarship Programs Graduate Student Scholarships GPA 3.6 and above	\$3,000.00
Greidanus, Krista	Queen Elizabeth II Graduate Scholarship	\$10,800.00
Hanson, Karly	FGSR, Profiling Alberta's Graduate Students Award	\$1,100.00
Hedley, Kristen	Alberta Scholarship Programs Graduate Student Scholarships GPA 3.6 and above	\$3,000.00
Hickey, Marlena	ACSLPA, Debra Blayney & Rogin Kochorek Memorial Graduate Bursaries	\$2,500.00
Holte, Heather	Alberta Scholarship Programs Graduate Student Scholarships GPA 3.6 and above	\$3,000.00
Holte, Heather	SSHRC CGSM	\$17,500.00
Holte, Heather	Walter H. Johns Graduate Fellowship	\$5,080.00
Horricks, Desirae	Alberta Scholarship Programs Graduate Student Scholarships GPA 3.6 and above	\$3,000.00
Horricks, Desirae	Queen Elizabeth II Graduate Scholarship	\$10,800.00
Jans, Marisa	ACSLPA, Debra Blayney & Rogin Kochorek Memorial Graduate Bursaries	\$2,500.00

Student Name	Award/Scholarship name	Value
Jans, Marisa	E William Kuder Memorial Graduate Scholarship in Rehabilitation Medicine	\$1,500.00
Lemke, Shannon	Alberta Scholarship Programs Graduate Student Scholarships GPA 3.6 and above	\$3,000.00
Lemke, Shannon	Queen Elizabeth II Graduate Scholarship	\$10,800.00
MacLurg, Amanda	SSHRC CGSM	\$17,500.00
MacLurg, Amanda	Walter H. Johns Graduate Fellowship	\$5,080.00
Marcinkow, Alissa	Alberta Scholarship Programs Graduate Student Scholarships GPA 3.6 and above	\$3,000.00
Marcinkow, Alissa	SSHRC CGSM	\$17,500.00
Marcinkow, Alissa	Walter H. Johns Graduate Fellowship	\$5,080.00
Mitchell, Megan	Queen Elizabeth II Graduate Scholarship	\$10,800.00
O'Brien, Colleen	Alberta Scholarship Programs Graduate Student Scholarships GPA 3.6 and above	\$3,000.00
O'Brien, Colleen	FGSR, Profiling Alberta's Graduate Students Award	\$1,100.00
Ostertag, Amanda	CASLPA Student Excellence Award 2012	Honorary
Pugh, Trina	Alberta Scholarship Programs Graduate Student Scholarships GPA 3.6 and above	\$3,000.00
Pugh, Trina	Einer Boberg/Alberta Elks Foundation Memorial Graduate Award	\$1,500.00
Put, Tara	Alberta Scholarship Programs Graduate Student Scholarships GPA 3.6 and above	\$3,000.00
Put, Tara	Queen Elizabeth II Graduate Scholarship	\$10,800.00
Reibeling, Kayla	ACSLPA, Debra Blayney & Rogin Kochorek Memorial Graduate Bursaries	\$2,500.00
Sam, Shauna	Alberta Scholarship Programs Graduate Student Scholarships GPA 3.6 and above	\$3,000.00
Sam, Shauna	Queen Elizabeth II Graduate Scholarship	\$10,800.00
Schafer, Lindsay	Alberta Scholarship Programs Graduate Student Scholarships GPA 3.6 and above	\$3,000.00
Scheffers, Sarah	Alberta Scholarship Programs Graduate Student Scholarships GPA 3.6 and above	\$3,000.00
Scheffers, Sarah	Queen Elizabeth II Graduate Scholarship	\$10,800.00
Schmidt, Tawnya	Queen Elizabeth II Graduate Scholarship	\$10,800.00
Sellinger, Kelly	Alberta Scholarship Programs Graduate Student Scholarships GPA 3.6 and above	\$3,000.00
Sellinger, Kelly	Jim and Fran Vargo Goodwill Award	\$750.00
Sellinger, Kelly	Queen Elizabeth II Graduate Scholarship	\$10,800.00

Student Name	Award/Scholarship name	Value
Semonick, Christina	ACSLPA Clinical Award	\$100.00
Smith, Alaina	Alberta Scholarship Programs Graduate Student Scholarships GPA 3.6 and above	\$3,000.00
Smith, Alaina	E William Kuder Memorial Graduate Scholarship in Rehabilitation Medicine	\$1,500.00
Smith, Kailey	Alberta Scholarship Programs Graduate Student Scholarships GPA 3.6 and above	\$3,000.00
Waito, Ashley	Alberta Scholarship Programs Graduate Student Scholarships GPA 3.6 and above	\$3,000.00
Waito, Ashley	Faculty of Rehabilitation Medicine Student Clinical Award	\$750.00
Waito, Ashley	Queen Elizabeth II Graduate Scholarship	\$10,800.00
Wesner, Stephanie	Alberta Scholarship Programs Graduate Student Scholarships GPA 3.6 and above	\$3,000.00
Wetter, Tyler	Alberta Scholarship Programs Graduate Student Scholarships GPA 3.6 and above	\$3,000.00
Willerton, Kristin	Alberta Scholarship Programs Graduate Student Scholarships GPA 3.6 and above	\$3,000.00
Willerton, Kristin	Queen Elizabeth II Graduate Scholarship	\$10,800.00
<b>TOTAL</b>		<b>\$382,087.00</b>

## Research Funding



## New Research Funding 2011-2012

<b>Author</b>	<b>Drs. Carol Boliek and Corey Tomczak</b>
Title of Grant	Expiratory Muscle Strength Training (EMST) and transcranial direct current stimulation (tDCS) for Improving Respiratory Intermuscular Coherence during Speech and Non-Speech Tasks
Funding Agency	Faculty of Rehabilitation Medicine
Total Amount of Award	\$8,000
Dates of Funding	2012 - 2013

<b>Author</b>	<b>Dr. Jacqueline Cummine</b>
Title of Grant	Understanding Basic Reading Processes: A Behavioural and Neuroanatomical Approach
Funding Agency	Natural Sciences and Engineering Research Council (NSERC)
Total Amount of Award	\$145,000
Dates of Funding	2012 - 2017

<b>Author</b>	<b>Drs. Jacqueline Cummine and Teresa Paslawski</b>
Title of Grant	Neurobiological Recovery in Aphasia
Funding Agency	Faculty of Rehabilitation Medicine CIHR initiative
Total Amount of Award	\$10,000
Dates of Funding	2012 - 2013

<b>Author</b>	<b>Dr. Esther Kim</b>
Title of Grant	Using Eye-Tracking to Examine Cognitive Mechanisms of Text Comprehension in Aphasia
Funding Agency	Faculty of Rehabilitation Medicine Internal Research Grant Program - CIHR Initiative
Total Amount of Award	\$10,000
Dates of Funding	2012 - 2014

<b>Author</b>	<b>Drs. Karen Pollock and Hyunju Chung</b>
Title of Grant	Rhotic Vowel Acquisition in Children with and without Speech Sound Disorders
Funding Agency	Faculty of Rehabilitation Medicine Internal Grant
Total Amount of Award	\$8,000
Dates of Funding	2012 - 2013

<b>Author</b>	<b>Dr. Jana Rieger and Dr. Martin Ferguson-Pell</b>
Title of Grant	Inter-Professional Clinician Scientist PhD
Funding Agency	Faculty of Graduate Studies and Research Innovative Graduate Projects
Total Amount of Award	\$105,000
Dates of Funding	2012 - 2013

<b>Author</b>	<b>Dr. Ming Zhang and Li Qi</b>
Title of Grant	Using 1000-Hz tympanometry to reduce false-positive rates in newborn hearing screening
Funding Agency	CASLPA Clinical Research Grants
Total Amount of Award	\$2,500
Dates of Funding	2011 - 2012

<b>Author</b>	<b>Dr. Ming Zhang</b>
Title of Grant	Using 1000-Hz tympanometry to reduce false-positive rates in newborn hearing screening
Funding Agency	Grason Stadler Initiative Research and Development
Total Amount of Award	\$9,000
Dates of Funding	2012 - 2013

<b>Author</b>	<b>Dr. Ming Zhang</b>
Title of Grant	Cochlear low-frequency electrical responses
Funding Agency	Canada Foundation for Innovation
Total Amount of Award	\$10,774
Dates of Funding	2012 - 2013

<b>Author</b>	<b>Dr. Ming Zhang</b>
Title of Grant	Remapping tinnitus cortex
Funding Agency	Faculty of Rehabilitation Medicine
Total Amount of Award	\$10,000
Dates of Funding	2012 - 2013

<b>Author</b>	<b>Dr. Ming Zhang</b>
Title of Grant	The Development of a Concha Electrode for Electrocochleography (ECoChG)
Funding Agency	NSERC
Total Amount of Award	\$9,975
Dates of Funding	2012 - 2013

## Continuing Research Funding

<b>Author</b>	<b>Dr. Carol Boliek</b>
Title of Grant	Children's Speech Physiology Research Program
Funding Agency	Edmonton Oilers Community Foundation
Total Amount of Award	\$135,000
Dates of Funding	2006 - 2012

<b>Author</b>	<b>Drs. Carol Boliek and Donald Robin</b>
Title of Grant	Neural Correlates of Intensive Voice Treatment Effects on Children with Cerebral Palsy
Funding Agency	NIH Clinical and Translational Science Award
Total Amount of Award	\$27,000
Dates of Funding	2010 - 2012

<b>Author</b>	<b>Drs. Jacqueline Cummine and Esther Kim</b>
Title of Grant	The Behavioural and Neurobiological Impact of Computer-Based Language Training in Aphasia
Funding Agency	Canadian Association of Speech-Language Pathologist (CASLPA) Clinical Research Grant
Total Amount of Award	\$5,000
Dates of Funding	2011 - 2012



<b>Author</b>	<b>Dr. Bill Hodgetts</b>
Title of Grant	Bone Anchored Hearing Aid (BAHA) Prescription and Verification System (BAHA PVS)
Funding Agency	Western Economic Partnership Program and Western Economic Diversification
Total Amount of Award	\$402,000
Dates of Funding	2010 - 2012

<b>Author</b>	<b>Drs. Tammy Hopper, Susan Slaughter, &amp; Bill Hodgetts</b>
Title of Grant	Hearing loss as a contributor to excess disability among long-term care residents with dementia
Funding Agency	CIHR Catalyst Grant - Pilot Projects in Aging
Total Amount of Award	\$46,475
Dates of Funding	2010 - 2012

<b>Author</b>	<b>Dr. Bill Hodgetts and W. Osswald</b>
Title of Grant	Skin Response Around Percutaneous Implants
Funding Agency	Covenant Health Research Grant
Total Amount of Award	\$5,000
Dates of Funding	2010 - 2012

<b>Author</b>	<b>Dr. Bill Hodgetts</b>
Title of Grant	BAHS Prescription and Verification Procedure
Funding Agency	Institute for Reconstructive Sciences in Medicine
Total Amount of Award	\$25,000
Dates of Funding	2011 - 2014

<b>Author</b>	<b>Dr. Esther Kim</b>
Title of Grant	Context Effects on Oral and Silent Reading in Acquired Alexia: An Eye-tracking Study
Funding Agency	American Speech-Language Hearing Foundation
Total Amount of Award	\$5,000 USD
Dates of Funding	2011 - 2012

<b>Author</b>	<b>Drs. Esther Kim and Jacqueline Cummine</b>
Title of Grant	The behavioural and neurobiological impact of computer-based language training in aphasia
Funding Agency	Faculty of Rehabilitation Medicine Internal Research Grant Competition
Total Amount of Award	\$10,000
Dates of Funding	2011 - 2012

<b>Author</b>	<b>Dr. Marilyn Langevin</b>
Title of Grant	Relationship between Cerebral Oxygenation and Reading Fluency in Stuttering and Non-stuttering School-age children: A Near Infrared Spectroscopy Pilot Study
Funding Agency	Women and Children's Health Research Institute
Total Amount of Award	\$30,000
Dates of Funding	2010 - 2013

<b>Author</b>	Sharla King (PI), <b>Lu-Anne McFarlane, Dr. Teresa Paslawski et al. (Co-Investigators)</b>
Title of Grant	Integration of Interprofessional Competencies in Health Science Programs: Building a Bridge from the Classroom to Practice Environments
Funding Agency	Teaching and Learning Enhancement Fund
Total Amount of Award	\$131,053
Dates of Funding	2011 - 2013

<b>Author</b>	Dr. P. Szatmari (PI), et al. ( <b>Dr. Joanne Volden, Co-Investigator</b> )
Title of Grant	Autism Spectrum disorders: Pathways to Better Outcomes (Phase II)
Funding Agency	CIHR
Total Amount of Award	\$1,712,750
Dates of Funding	2009 - 2014

<b>Author</b>	Dr. E. Fombonne (PI) et al. ( <b>Dr. Joanne Volden, Co-Investigator</b> )
Title of Grant	Autism Research Training (ART) program
Funding Agency	CIHR
Total Amount of Award	\$1,950,000
Dates of Funding	2009 - 2015

<b>Author</b>	Dr. L. Zwaigenbaum (PI) et al. ( <b>Dr. Joanne Volden, Co-Investigator</b> )
Title of Grant	Genomic Influences on Brain and Behavioral Trajectories in autism Spectrum Disorders
Funding Agency	NeuroDevNet - NCE
Total Amount of Award	\$3,000,000
Dates of Funding	2010 - 2013

<b>Author</b>	Dr. L. Zwaigenbaum (PI) et al. ( <b>Dr. Joanne Volden, Co-Investigator</b> )
Title of Grant	Autism Research Centre as Autism Treatment Network Site
Funding Agency	Autism Speaks
Total Amount of Award	\$416,000
Dates of Funding	2011 - 2014

<b>Author</b>	<b>Dr. Ming Zhang</b>
Title of Grant	Cochlear low-frequency electrical responses
Funding Agency	Glenrose Rehabilitation Hospital Foundation
Total Amount of Award	\$10,000
Dates of Funding	2010 - 2012

<b>Author</b>	<b>Dr. Ming Zhang &amp; K. Packford</b>
Title of Grant	Remote ABR via Telehealth: A Study in Improving Patient Access to Audiology Services
Funding Agency	Canadian Association of Speech-Language Pathologists & Audiologists (CASLPA) Clinical Research Grants
Total Amount of Award	\$2,500
Dates of Funding	2010 - 2012

<b>Author</b>	<b>Dr. Ming Zhang</b>
Title of Grant	Cochlear low-frequency electrical responses
Funding Agency	Canada Foundation for Innovation
Total Amount of Award	\$100,200
Dates of Funding	2010 - 2012

<b>Author</b>	<b>Dr. Ming Zhang</b>
Title of Grant	Cochlear low-frequency electrical responses
Funding Agency	University of Alberta Vice-President Matching Funds for Canada Foundation for Innovation grant
Total Amount of Award	\$43,096
Dates of Funding	2011 - 2013

## Publications

### Book Chapters

**Hodge, M., & Pollock, K.** (in press). Describing and Measuring Children's Speech Sound Abilities: From Articulation Tests to Acoustic Analysis for Clinicians and Researchers. In B. Peter & A. MacLeod (Eds.), *Comprehensive perspectives on child speech development and disorders: Pathways from linguistic theory to clinical practice*. Nova Science Publishers.

**Pollock, K.E.** (in press). The Memphis Vowel Project: Vowel errors in children with and without phonological disorders. In M. Ball & F. Gibbon (Eds.), *Handbook of Vowels and Vowel Disorders*. London: Psychology Press.

Salinas TJ, Laney WR, **Rieger JM**, and Wolfaardt JF. (2011). Speech Pathology and Prosthodontic Applications. In WR Laney, TJ Salinas, AB Carr, S Koka, SE Eckert (Eds.), *Diagnosis and Treatment in Prosthodontics*. Quintessence Publishing, Hanover Park, IL.

Beumer III J, Marunick M, Silverman S, Garrett N, **Rieger J**, Abemayor E, Penn R, Nabili V, Rezaee R, Curtis D, Hannam A, Nelson R, Roumanis E, Freymiller E, Markowitz B. (2011) Rehabilitation of Tongue and Mandibular Defect. In J. Beumer, M. Marunick, Esposito S. (Eds.), *Maxillofacial Rehabilitation: Prosthodontic and Surgical Management of Cancer-Related, Acquired, and Congenital Defects of the Head and Neck*.

Esposito S, **Rieger J**, Beumer III, J. (2011). Rehabilitation of Soft Palate Defects. In J. Beumer, M. Marunick, Esposito S. (Eds.), *Maxillofacial Rehabilitation: Prosthodontic and Surgical Management of Cancer-Related, Acquired, and Congenital Defects of the Head and Neck*.

**Volden, J.** (in press). Nonverbal learning disability. In Dulac, Lassonde, M., and Sarnat, *Pediatric neurology: Handbook of Clinical Neurology*. Elsevier, Oxford

### Peer Reviewed Journal Articles

(asterisks indicate students)

Fox, C.M., & **Boliek, C. A.** (2012). Intensive voice treatment (LSVT LOUD) for children with cerebral palsy and dysarthria. *Journal of Speech, Language and Hearing Research*, 55, 930-945.

\*Elfring, T.T., **Boliek, C.A.**, Seikaly, H., \*Harris, J., **Rieger, J.M.** (2012). Sensory outcomes of the anterior tongue after lingual nerve repair in oropharyngeal cancer. *Journal of Oral Rehabilitation*, 39,170-181.

**Cleary, S., & Hopper T.** (in press) Reminiscence Therapy, Mealtimes and Improving Intake In Residents with Dementia. *Canadian Nursing Home Journal*.

**Cummine, J.**, \*Amyotte, J., \*Pancheshen, B., & \*Chouinard, B (2011). Evidence for the Modulation of Sub-lexical Processing in Go No-Go Naming: The Elimination of the Frequency X Regularity Interaction. *Journal of Psycholinguistic Research*, 40, 367-378.

\*Chouinard, B., \*Zhou, C.I., \*Hrybouski, S., **Kim, E.S.**, **Cummine, J.** (2012) A functional neuroimaging case study of meares-irlen syndrome visual stress (MISViS), *Brain Topography*. DOI: 10.1007/s10548-011-0212-z

Haines NC, **Hodgetts WE**, Ostevik AV, **Rieger JM**. Listening Levels of Teenage iPod Users: Does measurement approach matter? *Audiology Research*, 2012. 2(e6): 25-29.

**Hopper, T.**, Bourgeois, M., Pimentel, J., Qualls, C., Hickey, E., Frymark, T., & Schooling, T. (in press). An evidence-based systematic review of cognitive interventions for individuals with dementia. *American Journal of Speech-Language Pathology and Audiology*.

**Kim, E. S.**, Beeson, P. M., Andersen, S., & Rapcsak, S. Z. (2011). Multimodal Alexia: Neuropsychological Mechanisms and Implications for Treatment. *Neuropsychologia*. doi:10.1016/j.neuropsychologia.2011.09.007

**Langevin, M.**, & Prasad, N.G.N. (2012). A stuttering education and bullying awareness and prevention resource: a feasibility study. *Language, Speech, and Hearing Services in the Schools*, 43, 344-358.

Harasym, J. & **Langevin, M.** (in press). Stuttering treatment for a school-age child with Down syndrome: A descriptive case study. *Journal of Fluency Disorders*.

**Rieger J**, Jha N, Lam Tang J, Harris J, Seikaly H. Functional outcomes related to the prevention of radiation-induced xerostomia: Oral Pilocarpine versus submandibular salivary gland transfer. *Head & Neck* 2012. 34(2):168-174.

Andrades P, Militsakh O, Hanasono M, **Rieger J**, Rosenthal E. Current Strategies in Reconstruction of Maxillectomy Defects. *Archives of Otolaryngology-Head & Neck Surgery*, 2011. 137(8):806-812.

\*Hund-Reid, C., & **Schneider, P.** (in press). Effectiveness of phonological awareness intervention for Kindergarten children with language impairments. *Canadian Journal of Speech-Language Pathology and Audiology*.

Ohashi, K., Mirenda, P., Marinova-Todd, S., Hambly, C., Fombonne, E., Szatmari, P., Bryson, S., Roberts, W., Smith, I.M., Vaillancourt, T., **Volden, J.**, Waddell, C., Zwaigenbaum, L., and the Pathways in ASD Study team. (2012). Comparing language development in monolingual- and bilingual-exposed young children with Autism Spectrum Disorders. *Research in Autism Spectrum Disorders*, 6, 890-897.

\*Koning, C., Magill-Evans, J., **Volden, J.**, and Dick, B. (2011). Efficacy of Cognitive Behavior Therapy-based Social Skills Intervention for School-Aged Boys with Autism Spectrum Disorders, *Research in Autism Spectrum Disorders*, DOI:10.1016/j.rasd.2011.07.011.

Bennett, T., Boyle, M., Georgiades, K., Georgiades, S., Thompson, A., Duku, E., Bryson, S., Fombonne, E., Vaillancourt, T., Zwaigenbaum, L., Smith, I., Mirenda, P., Roberts, W., **Volden, J.**, Waddell, C., Pathways in ASD Study Team and Szatmari, P., (2011). Influence of reporting effects on the association between maternal depression and child autism spectrum disorder behaviors *Journal of Child Psychology and Psychiatry and Allied Disciplines*, 53, 1, 89-96.

**M Zhang** "High-frequency hearing impairment assessed with cochlear microphonics". *Acta Otolaryngologica*, DOI: 10.3109/00016489, 2012 [Epub ahead of print]  
<http://www.ncbi.nlm.nih.gov/pubmed/22667466>

**M Zhang** "Response Pattern Based on the Amplitude of Ear Canal Recorded Cochlear Microphonic Waveforms across Acoustic Frequencies in Normal Hearing Subjects", *Trends Amplification*, DOI: 10.1177/1084713812448547, 2012 [Epub ahead of print]  
<http://www.ncbi.nlm.nih.gov/pubmed/22696071>

### **Other Publications**

**Hopper, T.** Faculty of Rehabilitation Medicine (2012). *Healthcare Workforce Action Plan: A collaboration to increase clinical placements with adults for speech-language pathology students*. [Final Report submitted to Alberta Health Services]

**Hopper, T.** Alberta College of Speech-Language Pathologists and Audiologists (April, 2012). *The role of the speech-language pathologist in assessing capacity for decision-making by adults with communication disorders*. [Position statement posted at [www.acslpa.ab.ca](http://www.acslpa.ab.ca)]

Haynes, E., & **Langevin, M.** (2012). Telepractice at the Institute for Stuttering Treatment and Research (ISTAR). *Communique*, 25 (1), Winter. [newsletter of the Canadian Association of Speech-Language Pathologists and Audiologists]

## Presentations/Abstracts

### Abstracts

**Boliek, C., & Fox, C.** (Oct. 2011). Neural and physiological correlates of intensive voice treatment in children with dysarthria secondary to cerebral palsy: Evidence from respiratory kinematics and trunk muscle EMG. *Developmental Medicine and Child Neurology*, 53, 70.

**Cleary, S., Hopper, T., Cust, S., Kalra, S. & Johnston, W.** (2011) The Effect of Posture on Maximal Peak Cough Flow Values in Individuals with ALS, *Amyotrophic Lateral Sclerosis*, 12 (S1): 66. (peer reviewed abstract). Poster presented at the [22nd International ALS/MND Symposium](#), Sydney Australia, December 1, 2011

Gould, L., **Cummine, J.**, & Borowsky, R. (Dec, 2011). Additive and interactive effects in word identification: Evidence for stages of processing. *Canadian Journal of Experimental Psychology*, 65, 313-313. \*Published abstract from poster presented at the annual meeting of the Canadian Society for Brain, Behaviour, & Cognitive Science (CSBBCS), June (2011).

**Cummine, J.**, Esopenko C., Sarty GE., Borowsky R. (Dec, 2010). The effect of word frequency and regularity on BOLD activation during go no-go naming. *Canadian Journal of Experimental Psychology*, 64, 327-328. \*Published abstract from poster presented at the annual meeting of the Canadian Society for Brain, Behaviour, & Cognitive Science (CSBBCS), June 2010.

**M Zhang**, A Ho, N Gomma. Presbycusis – A Potentially Under-Allocated Area *Canadian Research Data Centre Network National Conference* 4A:3, 2011

**M Zhang**. Using notched or unnotched acoustic stimulation to treat tinnitus. *Assoc Res Otolaryngol* 35:300-301, 2012



## Conference Presentations

(asterisks indicate student/trainee; underline indicates presenting author(s))

### *Refereed*

<b>Author(s)</b>	<b>Title of Paper</b>	<b>Conference</b>
<b><u>Boliek, C.A.</u></b> , *Nickerson, C., Lebel, C., & Fox, C.M.	Evidence of microstructural changes in the brain following intensive voice treatment (LSVT®LOUD) for children with spastic cerebral palsy and dysarthria.	Paper presented at the Sixteenth Biennial Conference on Motor Speech: Motor Speech Disorders and Speech Motor Control, Santa Rosa, California. March 2012
<b><u>Boliek, C.A.</u></b> , *Chan, V., *Kaytor, D., *Chin, C., & Fox, C.M.	Effects of LSVT® LOUD (Lee Silverman Voice Treatment) on speech intelligibility in children with Cerebral Palsy.	Paper presented at the Sixteenth Biennial Conference on Motor Speech: Motor Speech Disorders and Speech Motor Control, Santa Rosa, California. March 2012
<b><u>Boliek, C.A.</u></b> , *Chan, V., *Kaytor, D., *Chin, C., Halpern, A., Fox, C.M. & Ramig, L.O.	Effects of LSVT®LOUD (Lee Silverman Voice Treatment) on speech intelligibility in children with Down syndrome.	Paper presented at the Sixteenth Biennial Conference on Motor Speech: Motor Speech Disorders and Speech Motor Control, Santa Rosa, California. March 2012
* <u>Chan, S.J.</u> , Wiens, H., Tucker, B.V., & <b>Campbell, M.M.</b>	Voice choral singing therapy outcomes in persons with Parkinson's Disease	May 2012 Annual Meeting of the Canadian Association of Speech-Language Pathologists and Audiologists, St. John's, Newfoundland.
<b><u>Cleary, S.</u></b>	Swallowing and respiration in amyotrophic lateral sclerosis: Current concepts in clinical care	American Speech-Language and Hearing Association Annual Convention, San Diego, California, November 17, 2011 (one hour seminar)
<b><u>Cleary, S.</u></b> , <u>Misiasiek, J.</u> , <u>Kalra, S.</u> , Wheeler, S., & Johnston, W.	Using lung volume recruitment therapy to improve swallowing and airway protection for individuals with ALS	American Speech-Language and Hearing Association Annual Convention, San Diego, California, November 17, 2011 (one hour seminar)

Author(s)	Title of Paper	Conference
<b>Cleary, S.</b> , Jha, N., Kalra, S., & Johnston, W.	Salivary gland radiation therapy: Effects on swallowing in ALS	American Speech-Language and Hearing Association Annual Convention, San Diego, California, November 17, 2011 (one hour seminar)
<b>Borowsky R</b> , Esopenko C, Gould L, Kuhlmann N, Sarty G, & <b>Cummine J</b>	Shared network for noun and verb reading in the ventral and dorsal streams: Converging evidence from fMRI activation and reaction time.	Neurobiology of Language. November 2011. International.
<b>Gould L.</b> , <b>Cummine J.</b> , Borowsky R.	Parallel versus cascaded processing in reading: additive and interactive effects in word naming	Banff annual seminars in cognitive science (BASICS). May 2012. National.
<b>Cummine, J</b> , Gould, L., *Zhou, C., *Hrybouski, S., *Siddiqi, Z., *Chouinard B. & Borowsky, R.	Manipulation of Reliance on the Ventral-Lexical Reading Stream: Evidence from FMRI and RT	Banff annual seminars in cognitive science (BASICS). May 2012. National.
<b>Borowsky R</b> , Esopenko C, Gould L, Kuhlmann N, Sarty G, & <b>Cummine J</b> .	Ventral and Dorsal Activation for Nouns and Verbs	Banff annual seminars in cognitive science (BASICS). May 2012. National.
* <b>Chouinard B.</b> , *Chen Y., <b>Kim E.</b> , <b>Cummine J</b> .	Investigating auditory comprehension using a computerized training task.	Banff annual seminars in cognitive science (BASICS). May 2012. National.
<b>Gould, L.</b> , Esopenko, C., <b>Cummine, J.</b> , Kuhlmann, N., Sarty, G.E., & Borowsky R.	Ventral-Lexical and Dorsal-Sublexical Streams in Reading as a Function of Part of Speech: Evidence from FMRI Activation and Reaction Time.	Poster presented at the 22nd annual meeting of the Canadian Society for Brain, Behaviour, & Cognitive Science (CSBBCS), June 2012. International.
<b>Gould, L.</b> , <b>Cummine, J.</b> , *Zhou, C., *Hrybouski, S., *Siddiqi, Z., *Chouinard, B., & Borowsky R.	The Effects of Instructions, Word Frequency and Word Type on Reading Aloud: FMRI and RT Evidence for a Cascaded Dual-Stream Model of Basic Reading Processes.	Poster presented at the 22nd annual meeting of the Canadian Society for Brain, Behaviour, & Cognitive Science (CSBBCS), June 2012. International.
<b>Gould, L.</b> , <b>Cummine, J.</b> , & Borowsky R.	Exploring the Cognitive Chronometric Architecture of Basic Reading Processes.	Poster presented at the 22nd annual meeting of the Canadian Society for Brain, Behaviour, & Cognitive Science (CSBBCS), June 2012. International.

<b>Author(s)</b>	<b>Title of Paper</b>	<b>Conference</b>
<u>*Siddiqi Z.</u> , *Zhou C., Gould L., *Hrybouski S., *Chouinard B., Borowsky R., <b>Cummine J.</b>	Manipulating instructions strategically affects reliance on the ventral-lexical reading stream.	Poster presented at the Students' Union Undergraduate Research Symposium, Edmonton, AB. November.
<u>*Siddiqi Z.</u> & <b>Cummine J.</b>	Manipulating instructions strategically affects reliance on the ventral-lexical reading stream.	Oral paper presented at the Hotchkiss Brain Institute summer student symposium. Calgary, AB. August.
*Brandner N, <b>Hodgetts WE</b> , Ostevik AV, <b>Rieger J.</b>	Listening levels of teenage iPod users: Does measurement approach matter?	Poster session presented at the Canadian Academy of Audiology 2011 Conference & Exhibition, Victoria, BC.
<b>Hodgetts WE</b> , Ostevik AV, *Wong K, & *Ball A.	Comparison of audiologic results obtained from patients with no hearing aid, a transcutaneous and a percutaneous bone anchored device	Poster session presented at the Canadian Academy of Audiology 2011 Conference & Exhibition, Victoria, BC.
Slaughter S, <b>Hopper T</b> , Ostevik AV, <b>Hodgetts WE.</b>	Hearing loss as a contributor to excess disability of long-term care residents with dementia: Issues in recruitment and data collection.	Poster session presented at the Canadian Association on Gerontology 40th Annual Scientific & Educational Meeting, Ottawa, ON.
<u>*Klein, J.</u> & <b>Hopper, T.</b>	Doing more with less: The impact of restructuring on patient care within a rehabilitation program for older adults (poster)	Canadian Association on Gerontology Annual Conference, October, 2011 (Ottawa, ON)
<u>*Klein, J.</u> & <b>Hopper, T.</b>	Health care providers' perspectives regarding caring for older adults while undergoing organizational restructuring within a geriatric rehabilitation program (platform presentation)	Canadian Association on Gerontology Annual Conference, October, 2011 (Ottawa, ON)
*Dale, A., *Evens. J., *Smith, K., *Strongway, S., *Pugh, T., *Put, T., Paslawski, T., & <b>Langevin, M.</b>	Developing an understanding of stuttering in student speech-language pathologists: A comparison of two learning experiences.	7th World Congress of Fluency Disorders, International Fluency Association, Tours, France (2012, July).
<u>Lomheim, H.</u> , & <b>Langevin, M.</b>	The feasibility of using telesupervision in stuttering clinical education programs.	7th World Congress of Fluency Disorders, International Fluency Association, Tours, France (2012, July).

Author(s)	Title of Paper	Conference
<b><u>Langevin, M.</u></b> , *Connatty, S., *Dole, K., *Grimard, A., *Kelley, J., *Mosaico, S., *Reid, R., *Wrightly, M., & Kully, D.	Viewing and transcribing stories of individuals who stutter as a learning tool.	2012 3rd European Symposium on Fluency Disorders, Antwerp, Belgium (2012, March).
<b><u>Langevin, M.</u></b> , *Elsinga, L., *Evans, K, *Kulchytska, D., *O'Dell, C., & Kully, D.	Listening to individuals talk about stuttering: viability as a learning tool.	2012 3rd European Symposium on Fluency Disorders, Antwerp, Belgium (2012, March).
<b><u>Langevin, M.</u></b>	Stuttering: An overview of prevalence, impact, and treatment for children and adults.	Oral symposium presentation at the International Society for the Study of Behavioural Development Biennial meeting, Edmonton, Alberta (2012, July).
<u>Harasym, J.</u> , Lomheim, H., & <b><u>Langevin, M.</u></b>	Treating individuals who stutter and have Down syndrome.	Oral symposium presentation at the International Society for the Study of Behavioural Development Biennial meeting, Edmonton, Alberta (2012, July).
Lomheim, H., Haynes, E., <u>Harasym, J.</u> , & <b><u>Langevin, M.</u></b>	Use of telepractice in treating children and adults who stutter.	Oral symposium presentation at the International Society for the Study of Behavioural Development Biennial meeting, Edmonton, Alberta (2012, July).
Quittenbaum, J., Westcott, S., & <b><u>Langevin, M.</u></b> ,	Treating children with stuttering and co-existing speech and language disorders.	Oral symposium presentation at the International Society for the Study of Behavioural Development Biennial meeting, Edmonton, Alberta (2012, July).
*Van Kuik Fast, N., <b><u>Langevin, M.</u></b> , Given, L., & Volden, J.	Bullying and children who stutter: common responses and recommendations for adults- Preliminary findings. (Refereed Poster presented at the 9th Oxford Dysfluency Conference, Oxford, UK. Re-presented at the Glenrose Rehabilitation Breakfast (November, 2011), Edmonton, AB. )	Refereed re-presentation: 2012 International Society for the Study of Behavioural Development Biennial meeting, Edmonton, Alberta (2011, September).

Author(s)	Title of Paper	Conference
<u>Langevin, M.</u> , *Sharp, J., & *Gervais, C.	Use of the Teasing and Bullying: Unacceptable Behaviour Video.	Poster presented at the November 2011 Annual Conference of the American Speech-Language-Hearing Association, San Diego, California, (November, 2011).
<u>Langevin, M.</u> , Rehani, M., Fernandes, I., Hercules G., Joseph, C., De Nil, L., Kully, D., & Bhambhani, Y.	Near-infrared spectroscopy: Reproducibility in adults with and without developmental stuttering – preliminary results.	Poster presented at the November 2011 Annual Conference of the American Speech-Language-Hearing Association, San Diego, California (November, 2011).
<u>Harasym, J.</u> , Langevin, M., & Kully, D.	A case study of a modified Camperdown Program with an adult who stutters.	Poster presented at the 9th Oxford Dysfluency Conference, Oxford, UK (2011, September).
<u>Harasym, J.</u> , & <u>Langevin, M.</u>	Stuttering treatment for a school-age child with Down Syndrome.	Poster presented at the 9th Oxford Dysfluency Conference, Oxford, UK (2011, September). Re-presented at the Glenrose Rehabilitation Breakfast, Edmonton, AB (November, 2011)
<u>Harasym, J.</u> , & <u>Langevin, M.</u>	Improving access to stuttering therapy for children: combining face to face and telepractice delivery.	Poster presented at the 9th Oxford Dysfluency Conference, Oxford, UK (2011, September). Re-presented at the Glenrose Rehabilitation Breakfast (November, 2011), Edmonton, AB.
<u>Quittenbaum, J.</u> , & <u>Westcott, S.</u> , & <u>Langevin, M.</u>	Treating preschool-age children who stutter and have co-occurring speech, language, and non-speech disorders.	Poster presented at the 9th Oxford Dysfluency Conference, Oxford, UK (2011, September). Re-presented at the Glenrose Rehabilitation Breakfast, Edmonton, AB. (November, 2011)
<u>Lomheim, H.</u> , & <u>Langevin, M.</u>	Treating young adults who stutter and have Down Syndrome.	Poster presented at the 9th Oxford Dysfluency Conference, Oxford, UK (2011, September). Re-presented at the Glenrose Rehabilitation Breakfast (November, 2011), Edmonton, AB
<u>Langevin, M.</u>	Teasing and bullying and children who stutter: An overview of a program of research.	Oral presentation at the 28th Annual conference of the National Stuttering Association, Fort Worth, Texas (2011, July).

<b>Author(s)</b>	<b>Title of Paper</b>	<b>Conference</b>
<u>Joseph, C. M., Langevin, M., De Nil, L., &amp; Bhambhani, Y.</u>	Relationship between cerebral oxygenation and reading fluency in stuttering and non-stuttering school-age children.	Oral presentation at the 9th Oxford Dysfluency Conference, Oxford, UK (2011, September).
<u>M Hall, T Hatch, S King, B Norton, L McFarlane, E Taylor, T Paswlaski, R Kahlke, L Guirguis, S Sommerfeldt, K Peterson, C Schmitz, A McLaughlin</u>	Busting out of the Silos: Integrating Interprofessional Competencies Early in Health Science Programs Abstract	15th Ottawa Conference, Kuala Lumpur Convention Centre, Malaysia, March 2012
<u>Conley, R., Fournier, A., Hanson, K., O'Brien, C., McFarlane, L.</u>	There's an app for that: iPad applications in speech-language pathology.	Canadian Association of Speech Pathologists and Audiologist Annual Conference, May 2012
<u>*Suleman, S., McFarlane, L., Pollock, K., Schneider, P. &amp; Leroy, C.</u>	Constructing Collaboration Across Campus	Canadian Association of Speech Pathologists and Audiologist Annual Conference, May 2012
S. King, M. Hall, <b>L. McFarlane</b> , E. Taylor, B. Norton, <b>T. Paslawski</b> , L. Guirguis, T. Hatch, R. Kahlke, K. Peterson, C. Schmitz	Integration of Interprofessional Competencies in Health Sciences Programs: A bridge from classroom to practice.	Interprofessional Collaboration: From concept to preparation to practice. Collaboration Across Borders III, Tucson, Arizona, USA, November 2011
<u>Scott, K., Pollock, K., Roberts, J., &amp; Krakow, R.</u>	Phonological Processing Skills of Children Adopted Internationally.	Poster presented at the annual convention of the American Speech-Language-Hearing Association, November 2011.
<b>Pollock, K., &amp; Yan, S.</b>	Early and later language development of children adopted from China as infants/toddlers	International Association for the Study of Child Language (IASCL), Montreal, July 2011.
Constantinescu G, <b>Rieger, J</b> , Winget M, Paulsen C, Seikaly H	What's in a measure? The relationship between clinical scores and self-perception of speech function following surgical treatment for oral cancer.	Paper presented at the 9th Annual Otolaryngology - Head and Neck Surgery Resident Research Day. Edmonton, Alberta.
<b>Schneider, P.</b>	A multilevel approach to identifying language impairment using a corpus of children's stories	Association Française de Linguistique Cognitive, Paris, France, March 23-24, 2012.

Author(s)	Title of Paper	Conference
<u>Schneider, P.</u> & A. Menard.	Comparison of syntactic measures in stories elicited by three standardized narrative assessments	American Speech-Language-Hearing Assn. Convention, San Diego, Nov. 17-19, 2011.
<u>Schneider, P.</u>	Connective use in stories by children with and without language impairment	International Association for the Study of Child Language, Montreal, QC, July 2011.
<u>Baird, K.</u> , Szatmari, P., Georgiades, S., Duku, E., Bryson, S. E., Fombonne, E., Mirenda, P. Roberts, W., Smith, I. M., Vaillancourt, T., <b>Volden, J.</b> , Waddell, C., Zwaigenbaum, L., & Pathways in ASD Study Team (May, 2012).	Investigating the association between anxiety and fixed interests, repetitive behaviors in preschool children with ASD	Poster presentation presented at the International Meeting for Autism Research, Toronto, Canada.
<u>Bennett, T. A.</u> , Szatmari, P., Hanna, S., Janus, M., Duku, E., Georgiades, S., Bryson, S. E., Fombonne, E., Mirenda, P., Roberts, W., Smith, I. M., Vaillancourt, T., <b>Volden, J.</b> , Waddell, C., Zwaigenbaum, L., Thompson, A., & Pathways in ASD Study Team (May, 2012).	Measuring interactive developmental pathways in ASD: a dual-domain latent growth curve model.	Oral presentation presented at the International Meeting for Autism Research, Toronto, Canada
<u>Flanagan, H. E.</u> , Smith, I. M., Vaillancourt, T., Duku, E., Szatmari, P., Bryson, S. E., Fombonne, E., Mirenda, P., Roberts, W., <b>Volden, J.</b> , Waddell, C., Zwaigenbaum, L., Georgiades, S., & Pathways in ASD Study Team (May, 2012).	Stability of cognitive and adaptive behaviour standard scores in preschool children with autistic spectrum disorders.	Poster presentation presented at the International Meeting for Autism Research, Toronto, Canada.

Author(s)	Title of Paper	Conference
<p><u>Georgiades, S.</u>, Szatmari, P., Boyle, M., Hanna, S., Duku, E., Zwaigenbaum, L., Bryson, S. E., Fombonne, E., <b>Volden, J.</b>, Mirenda, P., Smith, I. M., Roberts, W., Vaillancourt, T., Waddell, C., Bennett, T. A., Thompson, A., &amp; Pathways in ASD Study Team (May, 2012).</p>	<p>Investigating phenotypic heterogeneity in children with autism spectrum disorder: a factor mixture modelling approach.</p>	<p>Oral presentation presented at the International Meeting for Autism Research, Toronto, Canada.</p>
<p><u>Lee, V.</u>, Georgiades, S., Szatmari, P., Bryson, S. E., Fombonne, E., Mirenda, P., Roberts, W., Smith, I. M., Vaillancourt, T., <b>Volden, J.</b>, Waddell, C., Zwaigenbaum, L., &amp; Pathways in ASD Study Team (May, 2012).</p>	<p>Repetitive stereotyped behaviour impacts gesturing behaviour across childhood in children with ASD.</p>	<p>Poster presentation presented at the International Meeting for Autism Research, Toronto, Canada.</p>
<p><u>Mirenda, P.</u>, Ohashi, K., Petersen, J., Marinova-Todd, S., Hambly, C., Fombonne, E., Szatmari, P., Bryson, S. E., Roberts, W., Smith, I. M., Vaillancourt, T., <b>Volden, J.</b>, Zwaigenbaum, L., Georgiades, S., Thompson, A., &amp; Pathways in ASD Study Team (May, 2012).</p>	<p>Comparing early language development in monolingual- and bilingual- exposed children with Autism Spectrum Disorders.</p>	<p>Poster presentation presented at the International Meeting for Autism Research, Toronto, Canada.</p>



Author(s)	Title of Paper	Conference
<p>Stock, R., <b>Volden, J.</b>, Georgiades, S., Alexander, M., Bennett, T. A., Colli, L., MacLeod, K., O'Connor, I., Shepherd, C., Steiman, M., Szatmari, P., Bryson, S. E., Fombonne, E., Miranda, P., Roberts, W., Smith, I. M., Vaillancourt, T., Waddell, C., Zwaigenbaum, L., &amp; Pathways in ASD Study Team (May, 2012).</p>	<p>Development of the Pathways Autism Services Log (PASL).</p>	<p>Poster presentation presented at the International Meeting for Autism Research, Toronto, Canada.</p>
<p><u>Szatmari, P.</u>, Georgiades, S., Duku, E., Thompson, A., Bryson, S., Fombonne, E., Miranda, P., Roberts, W., Smith, I.M., Vaillancourt, T., <b>Volden, J.</b> Waddell, C., Zwaigenbaum, L., &amp; Pathways in ASD Study Team (May, 2012).</p>	<p>Developmental course of symptom severity in preschool children with ASD.</p>	<p>Oral presentation presented at the International Meeting for Autism Research, Toronto, Canada.</p>
<p><b>Volden, J.</b>, Georgiades, S., Alexander, M., Bennett, T. A., Colli, L., MacLeod, K., O'Connor, I., Shepherd, C., Steiman, M., Stock, R., Szatmari, P., Bryson, S. E., Fombonne, E., Miranda, P., Roberts, W., Smith, I. M., Vaillancourt, T., Waddell, C., Zwaigenbaum, L., &amp; Pathways in ASD Study Team (May, 2012).</p>	<p>Canadian services for young children with Autism Spectrum Disorder (ASD): A preliminary overview.</p>	<p>Poster presentation presented at the International Meeting for Autism Research, Toronto, Canada.</p>
<p><b>Volden, J.</b></p>	<p>Nonverbal Learning Disability: ASD by another name?</p>	<p>Oral presentation at the Canadian Association of Speech-Language Pathologists and Audiologists, St. John's, Newfoundland, May 2012.</p>

Author(s)	Title of Paper	Conference
<u>*Koning, C. &amp; Volden, J.</u>	Identifying pragmatic language skill difficulties in school-aged boys with autism spectrum disorder (ASD)	Poster presentation presented at the International Meeting for Autism Research, Toronto, Canada.
<b><u>M Zhang</u></b>	Intra-subject comparison of low-frequency cochlear electrical and acoustic responses	GRH Research Symposium, Canada, 2011
<u>K Packford, M Zhang, B Schmidt, M Polonenko, K Woo, J Kremer</u>	Remote ABR via Telehealth: Improving Patient Access to Audiology Services	National, The Canadian Association of Speech-Language Pathologists and Audiologists Annual Conference, Canada, 2012

***Invited***

Author(s)	Title of Paper	Conference
<b>Boliek, C.A.</b>	<i>Cutting-edge approaches for working with children with cerebral palsy.</i>	The 2011 Meeting of the American Speech, Language and Hearing Association, San Diego, CA. November, 2011
<b>Hodgetts, W.E.</b>	BAAH to the Bone: An Update on Bone Anchored Amplification Devices.	Presented at the Annual General Meeting of the Canadian Academy of Audiology in Victoria, BC. October, 2011.
<b>Hodgetts, W.E.</b>	Why is Verification Important for Bone Anchored Hearing?	Presented at the Oticon Research Focus Forum in New Orleans, Louisiana, February 25, 2012.
<b><u>Hopper, T., &amp; Slaughter, S.</u></b>	Hearing loss as a contributor to excess disability of Long-term care residents with dementia: A rehabilitation and nursing research partnership (platform)	Alberta Association on Gerontology Networking Dinner, January, 2012
<b><u>Hopper, T., Slaughter, S., Ickert, C., Hodgetts, B., &amp; Ostevik, A.</u></b>	Hearing loss and cognitive-communication function among older adults with dementia (platform)	Glenrose Hospital Geriatric Grand Rounds, May, 2012
<u>Shaw, LE, Bryson-Campbell, M., Drefs, S., Proding, B., Hopper, T., &amp; Polgar, J.</u>	Development of a checklist to assist older drivers to evaluate vehicle technology (poster)	Western University, Faculty of Health Sciences Annual Research Day, March, 2012.

<b>Author(s)</b>	<b>Title of Paper</b>	<b>Conference</b>
<b><u>Langevin, M.</u></b>	Outcomes and models for outcome evaluations of the Comprehensive Stuttering Treatment Program.	7th World Congress of Fluency Disorders, International Fluency Association, Tours, France, July, 2012. (keynote)
<b><u>Langevin, M.,</u></b>	Long-term outcomes and the Comprehensive Stuttering Program.	The European Clinical Specialization Fluency Disorders Conference, Antwerp, Belgium, March, 2012. (keynote)
<b><u>McFarlane, L.</u></b>	Motivational Interviewing in HealthCare settings:	Half-day invited presentation at the Canadian Association of Speech Pathologists and Audiologist Annual Conference, May 2012
<b>Rieger J and Beesley R</b>	What does it really mean to be a clinician researcher?	College of Registered Dental Hygienists of Alberta Annual Continuing Competence Event, Calgary, Alberta. (May, 2012)
<b>Rieger J and Beesley R</b>	Top ten list of questions about pursuing a master's degree.	College of Registered Dental Hygienists of Alberta Annual Continuing Competence Event, Calgary, Alberta. (May, 2012)
<b><u>Rieger J</u></b>	Interdisciplinary Team Challenges in Head and Neck Cancer: The patient with Dysphagia.	BC Cancer Agency Conference, Vancouver, British Columbia. (December, 2011)
<b><u>M Zhang</u></b>	Biology, Medicine, and Engineering	International-foreign Institutions including Tsinghua Univ. China, 2012

## Service

<b>Organization</b>	<b>Committee</b>
Canadian Institute for Health Research (CIHR)	CFI Leaders Opportunity Fund Advisory Committee
Canadian Institute for Health Research (CIHR)	Grant Review Committee Member- CIHR Biological and Clinical Aspects of Aging (November, 2011 and May, 2012)
National Institutes of Health (NIH)	Review Panel of Study Section for Sensory Technology
National Sciences and Engineering Research Council of Canada (NSERC)	Reviewer for Discovery Grants
Social Sciences and Humanities Research Council of Canada (SSHRC)	Reviewer for Insight Grants
Alberta Innovates Health Solutions (AIHS)	Reviewer for Clinician Researcher Training Award
Alzheimer's Association (USA)	External Grant Proposal Reviewer for annual competition (April/May, 2012) (reviewed six grants)
Technology Foundation STW	Grant reviewer
Canadian Association of Speech-Language Pathologists & Audiologists (CASLPA)	SLP Certification Examination Committee
American Speech Language and Hearing Association (ASHA), Special Interest Division 13	Mentorship committee, Board Recognition in Swallowing and Swallowing Disorders
American Speech-Language-Hearing Association (ASHA)	Technical Assistance Expert – Dementia
Canadian Council of University Programs in Communication Sciences & Disorders (CCUP-CSD)	Canadian Academic Coordinators of Clinical Education in Communication Sciences and Disorders
Canadian Stroke Network	Task Group
Canadian Research Data Centre Network	Chair/Moderator for National Conference
ALS Society of Canada	Revisions to the swallowing section the Manual for People Living with ALS which was updated in April of 2012
ALS Society of Canada	Wrote a public service announcement on the role of SLP's in ALS care in May of 2012

<b>Organization</b>	<b>Committee</b>
Alzheimer Society of Alberta and the NWT-Edmonton Chapter	Presented 4 lectures for “Seeds of Hope” support group program
Alberta College of Speech-Language Pathologists and Audiologists (ACSLPA)	Advocacy Committee
Alberta College of Speech-Language Pathologists and Audiologists (ACSLPA)	ACSLPA Advanced Practice Ad-Hoc Committee
Stroke Recovery Association of Alberta	Alberta Aphasia Awareness Committee
Community Initiatives Against Family Violence (CIAFV)	Bullying Project Team
<i>Journal of Communication Disorders</i>	Associate Editor
<i>Language, Speech, and Hearing Services in Schools</i> (a journal of the American Speech-Language-Hearing Association)	Associate Editor
<i>Canadian Hearing Report</i>	Editorial Board
<i>Interational Journal of Therapies and Rehabilitation Research</i>	Editorial Advisory Board
<i>International Journal of Brain and Cognitive Sciences</i>	Editorial Board
Canadian Academy of Audiology	Scientific Advisory Committee
International Fluency Association	Scientific Committee
International Conference on Advanced Digital Technology in Head and Neck Reconstruction	Scientific Advisory Committee
Third International Symposium on Bone Conduction – Craniofacial Osseointegration	Scientific Advisory Board
Institute for Reconstructive Surgeries in Medicine (iRSM)	Research Management Group, Group for Endosseous Implant Development and Research (GEIDER)

<b>Organization</b>	<b>Committee</b>
Department of Psychology and the University of Alberta	Local Organizing Committee, International Society for the Study of Behavioral Development biennial conference
Department of Linguistics	Research Board for Centre for Comparative Psycholinguistics
Women and Children's Health Research Institute (WCHRI)	Science Judge, Research Day
Edmonton Regional Education Consultants (ERECs)	Journal Review session leader concerning the Efficacy of Auditory Verbal Therapy to SLPs, Teachers of the Deaf and Hard of Hearing, and Educational Audiologists
Grant MacEwan Research Services Office	CIHR Grant Application pre-review for MacEwan professor
Alberta Centre on Aging	Reviewer – Undergraduate Student Gyro Awards
University of Alberta	Undergraduate Committee Leadership Award Selection Committee Member
University of Alberta	Application Reviewer for CIHR CGSM
University of Alberta	Judge for poster contest at the 2nd Annual Graduate Residence Academic Conference
Tevie Miller Heritage School Society	Board Member

<b>Faculty Member</b>	<b>Workshop/Seminars/Course</b>
<b>Cleary, S.</b>	Keynote address provided for the ALS Society of Alberta at a community engagement event with ~800 participants, Stockade Convention Centre, Lloydminster, AB
<b>Cleary, S.</b>	Brief research update given at the start of the Walk For ALS, on behalf of the Faculty of Rehabilitation Medicine and the ALS Society of Alberta, William Hawrelak Park
<b>Cleary, S.</b>	Organized and co-chaired the Seniors Health Through Rehabilitation Symposium, on behalf of the Faculty of Rehabilitation & the Alberta Centre on Aging, Central Lions Club, Edmonton
<b>Hopper, T.</b>	Presented and helped organize: Half-day public engagement symposium on 'Seniors' rehabilitation and health– Research that matters to you" (Special Interest Group on Aging - FRM and Alberta Centre on Aging)
<b>Hopper, T.</b>	Panel member presenter: Careers in Aging Luncheon, Alberta Centre on Aging

<b>Faculty Member</b>	<b>Workshop/Seminars/Course</b>
<b>Hopper, T.</b>	Panel member presenter: Navigating for success as an academic (Chronicity Seminar), Faculty of Nursing, University of Alberta
<b>Langevin, M.</b>	The Lidcombe Program Webinar
<b>Langevin, M., Lomheim, H.</b>	<i>The King's Speech</i> . Science in the cinema series. Alberta Innovates Health Solutions, Edmonton, AB.
<b>Langevin, M.</b>	Dr. Luc De Nil Brain research and stuttering webinar
<b>Langevin, M.</b>	Dr. Sue O'Brian, Australian Stuttering Research Centre: The Camperdown Program webinar
<b>Langevin, M., Lomheim, H.</b>	<i>The King's Speech: Thoughtful reflections on dysfluency and interacting with communicatively impaired individuals</i> . Alberta REHAB 2011 Conference
Quittenbaum, J., Harasym, J., & <b>Langevin, M.</b>	<i>Stuttering, speech-language pathology &amp; The King's Speech</i> . Mini Medical School, Department of Surgery, Faculty of Medicine and Dentistry, University of Alberta
<b>McFarlane, L.</b>	Center for Studies in Clinical Education Workshops
<b>Paslawski, T.</b>	Neuropharmacology for Rehabilitation Professionals Workshop
<b>Schneider, P.</b>	All-day workshop to the Okanagan Shuswap School District
<b>Schneider, P.</b>	All-day workshop to the Vancouver Island Health Authority

## Clinical Education

For the 2012 calendar year (January 01 to December 31, 2012) a total of 348 placements were coordinated through the office of the Academic Coordinator of Clinical Education (ACCE). These included 105 part-time placements in the University of Alberta Clinic (Corbett Clinic), and 177 full-time placements within Alberta, 64 placements in other provinces across Canada and 2 international placements in Australia. Placement settings included Public Health Centres, Hospitals, Schools, Early Education Programs, Child Development Centres, Community Rehabilitation Programs and Specialty Programs (e.g. ISTAR). By completing placements in a range of settings and with a diverse age range, all students acquire the hours required for certification, registration or membership in the National and Provincial Associations. This includes experience and documented clinical hours in assessment and intervention in the areas of: articulation/phonology, developmental language, acquired language, dysphagia, voice, fluency, motor speech, and audiology/hearing.

A breakdown of placements by age group is presented below:

Age Group	Number of Placements
Pediatric (Preschool and/or School-age)	162
Adult	158
Mixed (Adult & Pediatric)	28
<b>Total:</b>	<b>348</b>

A breakdown of placements by setting is presented below:

Population	Number of Placements
Community Health Centers/Schools	104
Early Education/Child Development Centers	13
Community Rehabilitation	44
Hospitals (Rehabilitation and Acute)	75
Corbett Clinic	105
Institute for Stuttering Treatment and Research	7
<b>Total:</b>	<b>348</b>

A list of all agencies participating in clinical education by offering placements is at the end of this section. The Department of Speech Pathology and Audiology acknowledges the participating sites and clinical educators for their tremendous contribution to students and to the future of profession.

The University of Alberta Speech Language Pathology Clinic (Corbett Clinic) accommodates all first year students for the first two introductory placements during the spring and fall of their first year. These are part-time placements done concurrent with academic coursework. The clinic also collaborates with community programs to provide advanced placements in the Winter term. Students are placed part-time at Corbett Clinic and part-time in the community.



This provides for efficient and effective use of clinic and community resources. The Department of Speech Pathology and Audiology also collaborates with partners in public health care, educational and specialized settings to coordinate placements for students across Canada and internationally. Given the diversity of timing and experiences, individualized placement plans for each student are identified and placement requests are made based on specific student need. All students were successfully placed to ensure a diversity of settings, populations, experiences and accrual of required hours. The clinical placement team continues to work collaboratively with receiving agencies to establish relationships, strengthen placement capacity and streamline the placement process.

The ACCE continues to liaise with clinical site coordinators, destination contacts and clinical educators to share information about the program, provide information about clinical education and to solicit information and feedback from sites about the placement process. Ongoing communication with sites and clinical educators during placements provides appropriate support and resources to facilitate successful placements.

Two half day Interprofessional clinical supervision workshops were held in Edmonton and Red Deer in 2012. These workshops were presented to clinical educators in SLP, OT and PT. The workshops focused on educating potential and current clinical educators about the basics of student supervision as well as provision of strategies for dealing with challenging students. Workshops were well received in both cities. In addition, individualized sessions were offered to specific sites to provide strategies for supervision and support alternative models of placement such as 2 to 1 supervision. These helped to reinforce current placements and build capacity for future placements.

## **Corbett Clinic**

Corbett Clinic offers individual speech and language therapy to children and adults. Clinics are coordinated during the Spring, Fall and Winter terms. Service is provided by collaborative teams of student clinicians supervised by licensed speech language pathologists. Clinical structure provides students with direct treatment, observation and consultative experience. Students gain experience working in clinical groups, pairs and individual treatment paradigms applying traditional, individual, home programming, group and alternative service. During the 2012 calendar year Corbett Clinic provided 105 placement opportunities to students. A nominal fee is charged to support the materials used during clinic sessions. The clinic provides an opportunity for collaboration between academic and clinical staff. Corbett Clinic also assists researchers with client recruitment and research opportunities as appropriate.

The clinical education team at Corbett Clinic consists of sessional instructors employed year round to organize and coordinate clinic scheduling and placements. This provides for consistency of process and facilitates clinical coordination and administration. In addition speech-language pathologists from the community are contracted for the spring and fall terms to accommodate the large number of placements in those terms. This provides community

SLP's with an enhanced clinical education experience and facilitates collaboration with community partners.

## **Corbett Hall Early Education (CHEEP)**

CHEEP is an early education program designed to facilitate the development of children with significant developmental delays, in an educational setting. CHEEP is housed in Corbett Hall and is set up to also provide clinical placements for students. Programming is designed and implemented by an inter-disciplinary team of specialists who work collaboratively with parents/care-givers to facilitate development for children across domains (communication, cognition, motor skills, social and play skills). Parents are viewed as key players on the team and participate in the development of goals as well as in implementing strategies to support their child's learning and development. The school team endeavors to support parents through multiple means. Classroom routines and activities are engineered to promote learning through play and active engagement in functional, developmentally appropriate activities. Children benefit from learning in a language rich, literacy-based program with ample exposure to early learning concepts. Programming is individualized to meet the specific needs of each child. CHEEP also capitalizes on peer modeling through reverse integration in which typically developing children learn, work and play alongside their peers with special needs. CHEEP strives to continually reflect on best practice in early education and rehabilitation.

CHEEP, as part of Corbett Clinic, provides excellent interprofessional clinical educational opportunities for students. A total of 18 students completed placements through the CHEEP program.

The funding to operate CHEEP is provided through specialized funding (Program Unit Funds) from Alberta Education. Programming is designed and implemented by a team of education/intervention specialists to support children in expanding and developing their skills/abilities across developmental areas (communication, motor skills, sensory processing, social skills, self-help skills, cognition and problem-solving).

The Corbett Hall Early Education program embraces and adheres to the following beliefs:

- Early intervention is critical for children with developmental delays.
- A small class size best meets students' needs.
- Children make most progress when learning in a functional, meaningful environment where they can be active learners.
- Young children learn best through play-based activities and personal experiences.
- Parent involvement is essential for children to make optimal progress.
- Theme-based and literature-based learning activities greatly enhance language learning for all children.
- Use of developmentally appropriate practice is crucial in early education.

- Children benefit from both incidental learning in a social setting and carefully designed learning activities (exposure to both structured and unstructured play).
- Peer models are extremely powerful. Children who are typically developing and children with developmental delays all benefit from learning together.
- Children's needs are best served by a team of professionals working collaboratively.
- Individualization of programming is essential to meet specific learning needs.
- Use of positive and proactive behaviour management strategies is most effective in Early Education.
- Independence and the development of self-help skills and problem-solving skills should be encouraged and fostered in young children.

The following are some highlights from the previous year:

- 2011-2012 was a successful year for our program children. By the end of the school year 3 of 7 children moving on to another program no longer presented with a severe delay. In addition, 2 of 7 children returning to CHEEP no longer presented with a severe delay. Our program staff spent ample time supporting families exiting the program to facilitate a positive transition.
- Parents of both program children and community children were provided with an evaluation in June, 2012 to solicit feedback on their experience with CHEEP. Overall parents were very happy with the programming, their children's results, and their interactions with staff. 16/20 surveys were returned and parents were 97% satisfied overall.
- The program is full for the 2012-2013 school year with 6 returning and 8 new program children, as well as 5 community children.
- Alberta Education increased Program Unit Funding by 2% this year (first increase in 4 years); a new funding model is still anticipated as early as next school year. No details are yet available regarding what changes are anticipated.
- CHEEP celebrated 10 years of operation last year.

## Clinical Placement List

Clinical Placement Site	
Community Health Services	AHS (Formerly Aspen Health Region)
Alberta Children's Hospital	AHS Calgary Zone
Community Accessible Rehabilitation	AHS Calgary Zone
Community Health Services	AHS Calgary Zone
Foothills Hospital	AHS Calgary Zone
Peter Lougheed Hospital	AHS Calgary Zone
Rockyview Hospital	AHS Calgary Zone
Community Health Services	AHS Edmonton Zone
Community Rehabilitation Services	AHS Edmonton Zone
Edmonton General Hospital	AHS Edmonton Zone
Glenrose Rehabilitation Hospital	AHS Edmonton Zone
Grey Nuns Hospital	AHS Edmonton Zone
Misericordia Hospital	AHS Edmonton Zone
Royal Alexandra Hospital	AHS Edmonton Zone
Speech-Language Pathology Services in Senior Health	AHS Edmonton Zone
University of Alberta Hospital	AHS Edmonton Zone
Chinook Regional Hospital	AHS (Formerly Chinook Health Region)
Community Health Services	AHS (Formerly Chinook Health Region)
Centennial Centre for Brain Injury	AHS (Formerly David Thompson Health Region)
Community Health Services	AHS (Formerly David Thompson Health Region)
Red Deer Regional Health Centre	AHS (Formerly David Thompson Health Region)
Community Health Services	AHS (East Central Health Region)
Medicine Hat Hospital	AHS (Palliser Health Region)
Queen Elizabeth II Hospital	AHS (Mistahia Health Region)
Dr. Vernon Fanning Centre	AHS (Carewest)
Elves Society	Other Health
Institute for Stuttering Treatment and Research	Other Health
Providence Children's Centre	Other Health
Corbett Hall Early Education Program (CHEEP)	Other Non-Health

<b>Clinical Placement Site</b>	
Central Okanagan School District #23	British Columbia
Vancouver Island Community Health Services	British Columbia
Langely Public Health Unit	British Columbia
Langley School District #35	British Columbia Schools
Nanaimo General Hospital	British Columbia
Nechako Lakes School District #91	British Columbia Schools
Northern Health Authority	British Columbia
North Delta Public Health	British Columbia
Prince George School District #57	British Columbia Schools
Salmon Arm Health Authority	British Columbia
Victoria General Hospital	British Columbia
Victoria School District	British Columbia Schools
Vancouver Island Health Authority/Reg	British Columbia
Autism Association of Western Australia	International
Child Guidance Centre	Manitoba
Deer Lodge Centre	Manitoba
Health Sciences Centre	Manitoba
St Amant	Manitoba
St. John Hospital	New Brunswick
Bridgepoint Hospital	Ontario
Durham School District	Ontario - Schools
Hamilton Wentworth School District	Ontario - Schools
Halimand Norfolk Health Unit	Ontario
Kids Ability Centre for Child Development	Ontario
St. Joseph's Health Centre - Guelph	Ontario
Cypress Health Region	Saskatchewan
Greater Saskatoon Catholic Schools	Saskatchewan - Schools
Prairie Spirit School Division	Saskatchewan - Schools
Prairie Valley School Division	Saskatchewan - Schools
Regina Mental Health Services	Saskatchewan
Royal University Hospital	Saskatchewan
Saskatoon Public Schools	Saskatchewan - Schools
Saskatoon City Hospital	Saskatchewan
Sunrise Health Authority	Saskatchewan
Victoria Hospital	Saskatchewan
Wascana Rehabilitation Centre	Saskatchewan
Calgary Board of Education	Alberta -Schools

<b>Clinical Placement Site</b>	
Elk Island Public Schools	Alberta -Schools
Renfrew Educational Centre	Alberta -Schools
Edmonton Catholic Schools	Alberta -Schools
Edmonton Public Schools	Alberta -Schools
St. Albert Protestant Schools	Alberta -Schools
Corbett Clinic	University of Alberta

# Francophone Certificate

## Program Description

There is a tremendous need to support speech-language pathologists working with dual-language Francophone populations in Alberta and other areas where French is a minority language. The Post-Graduate Certificate in Francophone Practice for Speech-Language Pathologists provides clinicians with an opportunity to acquire information about normal and disordered speech and language, and become familiar with assessment and intervention materials for child and adult Francophone populations.

The Certificate is a joint initiative between the Faculty of Rehabilitation Medicine and Campus Saint-Jean. Funding, including individual student bursaries, has been generously provided by Health Canada (Santé Canada) through the Consortium national de formation en santé project (CNFS) and through Campus Saint-Jean.

### *Registration Information:*

REHAB 553: Linguistic and Cultural Plurality Issues in the Francophone Context – 4 students (May 2012)

REHAB 551: Speech Development, Assessment, and Treatment Considerations in the Francophone Context – 10 students (August 2011)

Total Francophone Certificate Graduates 2011-12: 4



Health  
Canada Santé  
Canada



## Student Research

### Thesis Completed 2011 – 2012

Student Name	Supervisor	Thesis Title
Amyotte, Josée	Cummine, Jacqueline	The effect of a go/no-go naming task on fMRI BOLD activation in the ventral visual processing stream
Knuttila, Erica	Boliek, Carol	The effects of vocal loudness and speaking rate on voice-onset time in typically developing children and children with cochlear implants
van Kuik Fast, Nathania	Volden, Joanne	A pilot study of the bullying experiences of children who stutter and the coping strategies they use in response

### SPA900 Projects Completed 2011 – 2012

Student Name(s)	Supervisor(s)	Project Title
Abraham, Sandia; Shaw, Kendra	Schneider, Phyllis	Reliability of Online Scoring of First Mentions in the Edmonton Narrative Normative Instrument
Archibald, Erin	Boliek, Carol	Respiratory, laryngeal, and articulatory adjustments to changes in vocal loudness in typically developing children and children with spastic-type cerebral palsy
Axani, Carly; Flottemesch, Christen; Morrical, Deirdre; Nickel, Natasha	Pollock, Karen	Videoconferencing vs. Face-To-Face: A Comparison of Results from Two Articulation Testing Conditions
Bailey, Caris; Keith, Evan; Krauss, Marnie	Campbell, Melanie	The Use of Clear Speech as an Intervention for Older Adults with Hearing Loss: A Scoping Literature Review
Ball, Adina; Wong, Kimberley	Hodgetts, Bill	Comparison of Audiologic Results Obtained from Patients with No Hearing Aid, a Transcutaneous and a Percutaneous Bone Anchored Device
Broome, Carin; Heck, Crystal; Maschio, Nicole	Cook, Al	Case Study of an Individual Who Uses Augmentative and Alternative Communication
Brown, Candace; Kuzyk, Taryn	Hodge, Megan	Predicting the Speech Intelligibility Scores of Children with Dysarthria and Cerebral Palsy from Phonologic and Phonetic Measures of Speech Accuracy
Bylsma, Karen; Perry, Ashley; Yam, Casey	Pollock, Karen	Language Development in School-age Children Adopted from Haiti: A Longitudinal Study



<b>Student Name(s)</b>	<b>Supervisor(s)</b>	<b>Project Title</b>
Chan, Vicky; Chin, Chelsea; Kaytor, Danielle	Boliek, Carol	The Effects of LSVT®LOUD (Lee Silverman Voice Treatment) on the Speech Intelligibility of Children with Spastic Cerebral Palsy and Children with Down Syndrome
Charlton, Sheila; Genuis, Sarah; Yungwirth, Shaelene	Cook, Al	Cognitive Assessment and Robot Skills of Children with Motor Impairments
Connatty, Shelley; Dole, Kate; Kelly, Jennifer-Laura; Mosaico, Sarah; Reid, Rachel; Wrightly, Mallorie	Langevin, Marilyn; Kully, Deborah	Exploring the viability of exposure to stories of people who stutter as a learning tool
Elsinga, Laura; Evans, Kayla; Kulchytska, Dariya; O'Dell, Christina	Langevin, Marilyn	Exploring the Viability of Exposure to Stories of Individuals Who Stutter as a Learning Tool
Erickson, Dorie; Ketch, Rhonda; Moncks, Nadine; Ostertag, Amanda	Cleary, Stuart	The Effects of Non-Invasive Ventilation Treatment on Airway Clearance and Swallowing in Individuals with ALS
Grimard, Aurielle	Langevin, Marilyn	Exploring the Viability of Exposure to Stories of Individuals Who Stutter as a Learning Tool
Halliwell, Nicole; Miller, Amanda; Spence, Stacy	Cummine, Jacqueline	Behavioural Assessment of Language Processing using the Dual Route Model and Independence Equations
Hebert, Mireille; Rajan, Farah	Volden, Joanne	The Development of Idiom Comprehension in Children with Autism Spectrum Disorder
Hill, Cinthia; Sharp, Patricia	Hodge, Megan	Relationships between Speech and Language Features of Children with Developmental Dysarthria and Listener Effort
Ivanova, Nadia; Krolczyk, Ania	McFarlane, Lu-Anne	The effectiveness of a shortened training module on Motivational Interviewing skill acquisition
Lawson, Ben; Soderquist, Stephanie; Stupka, Erika; Wilson, Lindsay	Cleary, Stuart	Lung Volume Recruitment in Patients with Amyotrophic Lateral Sclerosis
Paterson, Kayla	Paslowski, Teresa	The Darkside of Collaboration: A pilot study
Stockdale, Julie	Langevin, Marilyn	Perceptions of Children who Stutter Regarding the Use of the Teasing and Bullying (TAB) Video

## Events 2011 – 2012

### OASIS Conference

On Saturday, October 1, 2011 the Speech-Language Pathology students at the University of Alberta held their annual Organization of Alberta Students in Speech (OASIS) Conference, which featured speakers and sessions from the fields of speech-language pathology and audiology. This annual, one-day conference was held at Corbett Hall at the University of Alberta and welcomed over 230 undergraduate and graduate attendees this year, a record-breaking number of registrants. The OASIS conference provides professional development for graduate students through sessions that complement the academic program by providing clinically relevant examples and experiences. The conference also targets undergraduate students interested in the MScSLP program. This year's conference was featured in the Winter 2012 newsletter of the Canadian Association of Speech-Language Pathologists and Audiologists (CASLPA), *Communique* [available at [www.caslpa.ca/PDF/communique/2012\\_Winter\\_English\\_Communique.pdf](http://www.caslpa.ca/PDF/communique/2012_Winter_English_Communique.pdf)].



## **RMSA Gala**

Faculty of Rehabilitation Medicine students, faculty and staff dressed in their finest and gathered for an evening of food, dancing and celebration at the Rehabilitation Medicine Students' Association (RMSA) Winter Gala on January 28, 2012.

During a special awards ceremony, both the 2012 Faculty of Rehabilitation Medicine Teaching Awards and the 2012 RMSA Teaching Awards were presented to instructors who demonstrate excellence in teaching.



### **RMSA Excellence in Teaching Award (Speech Pathology and Audiology)**

#### **Tammy Hopper, PhD, Associate Professor**

*Tammy's personality and instructional techniques make the content relevant and readily applicable to real-world practice. Tammy has a wealth of knowledge which she is always willing to share. Her infectious enthusiasm keep students engaged in the classroom, and many students have described her as "the best teacher I have ever had."*

## Matthew's Walk



Matthew's Walk, held on May 5, 2012, raised over \$9,000 to support implementation of the *Let's Start Talking* program in collaboration with Edmonton community health speech-language pathologists. The walk was organized by parents whose children have been helped by the *Let's Start Talking* program, based on the work of Dr. Megan Hodge. At a reception hosted by the department on June 15, Dr. Hodge praised the parents for having taken the University of Alberta's core value of community engagement and "turned [it] around 180 degrees by actively pursuing and supporting "university engagement."





## Corbett Carnival

Corbett Clinic Carnival served as a way to celebrate all of the Corbett Clinic clients' hard work and dedication during the summer months and to let loose and have some fun. A little sprinkle of rain wasn't enough to drown everyone's spirits, as the 'Beach Party' themed event took place on the luscious front lawn of Corbett Hall at the University of Alberta. With excitement buzzing, parents, clients, student clinicians, and even our clinical educators came out to enjoy the day. Stations at the carnival included everything from face painting, to freeze dance, the fish pond, potato sack races, and the clear favourite, the water relay. Of course the day would not have been complete without goodie bags and a tasty summer frozen treat!



**Dr. Megan Hodge and MScSLP student “Agents of Neuroplasticity”**

At the end of the Winter 2012 term, Dr. Megan Hodge’s class surprised her by dressing up as “Agents of Neuroplasticity” to help celebrate her contribution as an exceptional instructor.





## Celebration of the Career of Dr. Megan Hodge

On June 28, 2012, the Department of Speech Pathology and Audiology hosted a “Celebration of the Career of Megan Hodge” in honor of the many accomplishments of her career, her retirement from the Department, and her commencement of emeritus status with the University of Alberta.

An afternoon reception was held. The setting was a lovely choice for a warm and sunny summer afternoon, but also a symbolic choice in that the venue was the *Glenrose Room* at the Royal Glenora Club in the river valley midpoint between the Glenrose Rehabilitation Hospital (where Dr. Hodge’s earlier years were spent as a clinician/scientist) and the University of Alberta where her career continued to develop around research, teaching and abiding interests in speech development and speech motor control in children.

The room was filled with well-wishers from the Glenrose Rehabilitation Hospital, the Faculty of Rehabilitation Medicine, and the Department of Speech Pathology and Audiology. Other special greetings were also brought from children for whom she had provided consultation and therapy, the parents and families of those children, and the many practicing clinicians who have felt the inspiring influence of Dr. Hodge’s research, teaching, and care. Also in attendance were Dr. Hodge’s husband, James Bain, and her sister and extended family from the Lac La Biche-St. Paul region of Alberta.



# Admissions and Convocation

## Summary of Admission Statistics for September 2011

Enrollment September 2011:

- 57 students admitted for commencement to the MScSLP (course-based) program
- 54 females, 3 males
- 20 Alberta residents, 37 out of province

### Convocation 2011

#### Professional Practice Entry-Level MScSLP (Course-Based & Thesis) Programs June and November 2011

Abraham, Sandia	Grimard, Aureole	Nickel, Natasha
Amyotte, Josee	Halliwell, Nicole	O'Dell, Christina
Archibald, Erin	Hebert, Mireille	Ostertag, Amanda
Axani, Carly	Heck, Crystal	Paterson, Kayla
Bailey, Caris	Hill, Cinthia	Perry, Ashley
Ball, Adina	Ivanova, Nadezhda	Sharp, Patricia
Broome, Carin	Kaytor, Danielle	Stockdale, Julie
Brown, Candace	Keith, Evan	Shaw, Kendra
Bylsma, Karen	Ketch, Rhonda	Soderquist, Stephanie
Chan, Vicky	Knuttila, Erica	Spence, Stacy
Charlton, Sheila	Krauss, Marnie	Stupka, Erika
Chin, Chelsea	Krolczyk, Anna	Van Kuik Fast, Nathania
Connatty, Shelley	Kulchytska, Dariya	Wilson, Lindsay
Elsinga, Laura	Kuzyk, Taryn	Wong, Kimberly
Erickson, Dorie	Maschio, Nicole	Yam, Casey
Evans, Kayla	Miller, Amanda	Yungwirth, Shaelene
Flottesmesch, Christen	Moncks, Nadine	
Genuis, Sarah	Morrival, Deirdre	