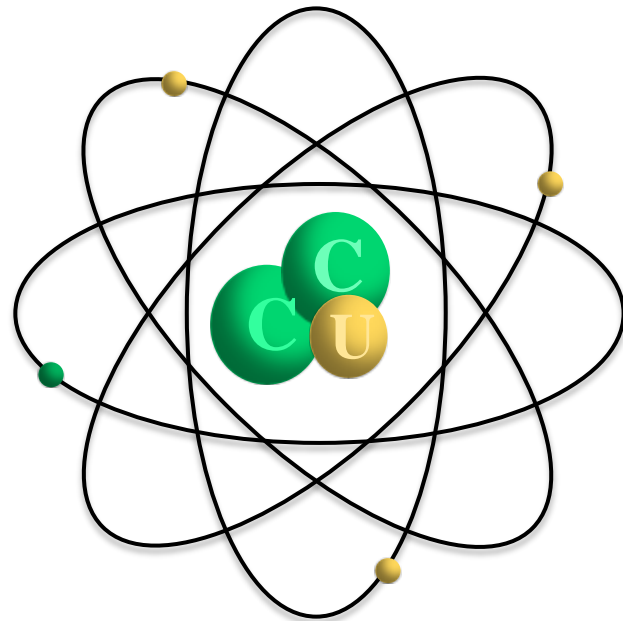




**UNIVERSITY OF ALBERTA**  
**FACULTY OF REHABILITATION MEDICINE**  
Department of Communication Sciences and Disorders

**Department of Communication Sciences & Disorders**  
**Annual Report**  
**2014-2015**



**C<sup>2</sup>U**  
**Communication Connects Us**

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## Message from the Chair

I am pleased to present this annual report of the activities and accomplishments of the Department of Communication Sciences and Disorders in 2014-15. This marked the first year of my third term as Department Chair and an opportunity for us all to reevaluate, restructure, and revitalize.

This year, faculty members spent a significant amount of time meeting and retreating as we developed a new 5 year strategic plan. CSD's new vision is "Communication Connect Us" or C<sup>2</sup>U. An updated mission statement, core values, and primary strategic initiatives are detailed in the following pages. Department committees have been re-structured to align with these initiatives, with each faculty member contributing to the implementation of the plan in one or more areas. One key initiative already well underway is the review and revision of the MScSLP curriculum. A core team led by newly appointed Associate Chair Lu-Anne McFarlane has gathered immense amounts of data and led us through the process of developing a program philosophy and establishing a competency-based framework for a new curriculum to be rolled out in the coming years. CSD also made significant progress toward another key initiative, the establishment of a graduate degree program in audiology. Thanks to support from the steering committee, consultant Sue Peters, and a diverse advisory group, the new program proposal received approval at all levels of university governance. The next steps will be Government of Alberta approval (and funding).

A highlight of the year was the first Alberta Aphasia Camp, held September 12-14, 2014, at Camp YoWoChAs. Led by CSD Assistant Professor Esther Kim, CSD Lab Coordinator Andrea Ruelling, and community SLP Rhonda Kajner, the Alberta Aphasia Camp is a partnership between the University of Alberta and March of Dimes Canada. Twenty-eight campers (including 16 people with aphasia) attended the inaugural camp. It provided an opportunity for individuals living with aphasia, as well as one of their family members or a friend, to enjoy a weekend retreat. Activities were both recreational and therapeutic in nature, including yoga, drum circle, and canoeing. Student volunteers from the Faculty of Rehabilitation Medicine (including 21 MScSLP students) and experienced health-care professionals supported participants during the camp.

This year, we developed two new online undergraduate level courses. *Introduction to Communication Sciences and Disorders* (CSD 200) was developed by former MScSLP graduate Christina Semonick, who has exceeded our expectations through her technological skills, enthusiasm for teaching, and passion and dedication to the professions. This course offers an excellent overview of the professions of speech-language pathology and audiology for students considering careers in the field. CSD 200 was offered in summer 2015, and will continue to be offered multiple times in the coming years. *Language Development in Children and Adolescents* (CSD 211) is being jointly developed by the powerhouse team of CSD Professor Emerita Phyllis Schneider and Dr. Johanne Paradis from the Department of Linguistics. This shared course meets one of the key prerequisites for admission to the MScSLP program and will fill a need expressed by applicants from outside of Edmonton and Alberta for a high quality, accessible prerequisite course in child language.

This report contains many other accomplishments by CSD staff, faculty, and students, including teaching awards, student scholarships and awards, service contributions, and much more. Happy reading!



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

# Vision, Mission, and Values

## Vision

Communication Connects Us



## Mission

We maximize speech, language, hearing, and swallowing function through excellence in academic and clinical education, research, leadership, and professional and community partnerships.

## Values

- Critical inquiry
- Innovative
- Person-centered
- Inclusive
- Evidence-based
- Life-long learning
- Active and engaged learning
- Professionalism
- Empathy

## Faculty

- Advance the field through research
- Deliver high quality academic and clinical training
- Mentor students
- Promote collaboration and community partnerships
- Promote career growth and development

# Program Philosophy

The Department of Communication Sciences and Disorders prepares future leaders in the profession of speech-language pathology. Our MSc-SLP graduates have the requisite knowledge, experience, skills, and values to meet the complex and dynamic challenges of addressing speech, language, communication, and swallowing needs in a multicultural society across the lifespan in a variety of healthcare and educational settings. With a commitment to academic excellence, innovative models of clinical training, interdisciplinary education, and research experiences for students, we integrate academic programs and clinical education to prepare students to work and thrive in a constantly evolving profession.

Our students acquire content expertise and are immersed in foundational principles such as client-centered and evidence-based practice. Using a competency-based approach we systematically provide students with a variety of opportunities to develop their skills as collaborators, communicators, advocates, leaders, and scholars. Our graduates are prepared to maintain high professional standards, engage in ethical practice, and respond to the ever-changing needs of society.

Our instructors use a variety of teaching techniques to scaffold student learning and address the diverse needs of learners, including conventional lectures, problem-based case studies that integrate learning across courses, practical application of assessment and treatment technologies, and active and contemporary learning strategies. It is our teaching mission to create a community of learners who value diversity, life-long learning, and promote a culture of collaboration and respect for others.

# Strategic Priorities (2014-19)

<b>Strategic Priority 1:</b>	Build the Department's research profile by enhancing the research culture and supporting productivity.
<b>Strategic Priority 2:</b>	Advance the Department and the professions through high quality philosophically grounded educational programs.
<b>Strategic Priority 3:</b>	Promote our department, its programs and professions.
<b>Strategic Priority 4:</b>	Create a revenue stream to support current and future strategic objectives, programs and initiatives.
<b>Strategic Priority 5:</b>	Review, revise and sustain an effective and efficient organizational structure.

## Department Personnel

### Faculty

#### *Professors*

**Carol Boliek, PhD**  
Professor

**Tammy Hopper, PhD**  
Professor and Associate Dean for  
Graduate Studies and Research, Faculty  
of Rehabilitation Medicine

**Karen Pollock, PhD**  
Professor & Chair

**Jana Rieger, PhD**  
Professor

**Joanne Volden, PhD**  
Professor  
Graduate Coordinator

#### *Assistant Professors*

**Deryk Beal, PhD**  
Assistant Professor

**Monique Charest, PhD**  
Assistant Professor

**Esther Kim, PhD**  
Assistant Professor

#### *Associate Professors*

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

**Stuart Cleary, PhD**  
Associate Professor

**Jacqueline Cummine, PhD**  
Associate Professor

**Bill Hodgetts, PhD**  
Associate Professor

**Marilyn Langevin, PhD**  
Associate Professor

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

**Teresa Paslawski, PhD**  
Associate Professor

**Ming Zhang, PhD**  
Associate Professor

***Clinical Assistant Professors***

**Sue Decker**

Clinical Assistant Professor

**Sandy Diediw**

Clinical Assistant Professor

**Debra Martin**

Clinical Assistant Professor

**Andrea Ruelling**

Clinical Assistant Professor  
Teaching Lab Coordinator

***Professor Emeriti***

A Cook, PhD

S Greiter, PhD

P Hagler, PhD

M Hodge, PhD

G Holdgrafer, PhD

AH Rochet, PhD

P Schneider, PhD

***Adjunct Associate Professors***

J Paradis, PhD

K Ritter, PhD

D Truscott, PhD

B Tucker, PhD

***Adjunct Assistant Professor***

S Rafaat, MSc

***Sessional Instructors (2014-15)***

Kim Adams

CSD 523 Augmentative/Alternative Communication Systems

Christine Beliveau

CSD 523 Augmentative/Alternative Communication Systems

Brea Chouinard

CSD 598 Directed Individual Reading and Research

Judith Meintzer

CSD 518 Remediation of Child Language Disorders

Andrea Ruelling

Lab Coordinator

Christina Semonick

CSD 200 Introduction to Communication Sciences & Disorders *course development*

Melissa Skoczylas

CSD 527 Language and Literacy



***Part-Time Clinical Educators (2015)***

Catherine Ball  
Susan Decker  
Sandra Diediw  
Kari Dul

Julia Giesen  
Jennifer Hancock  
Debra Martin  
Allison Menard

Karen A. Pollock  
Andrea Ruelling  
Megan Stock  
River Wilson

***Postdoctoral Fellows***

Daniel Alto  
Reyhaneh Bakhtiari Kouhsorkhi  
Shivraj Jhala  
Michelle Swift

**Administrative Staff**

**Carol Gray**

Clinical Education Assistant

**Noriko Hessmann**

Receptionist/Office Assistant

**Shelley Richmond**

Resource Assistant

**Vicki Trombley**

Administrative Coordinator

## Faculty Awards

At the Rehabilitation Medicine Student Association (RMSA) Gala February 27, 2015, **Dr. Tammy Hopper** received two teaching awards!

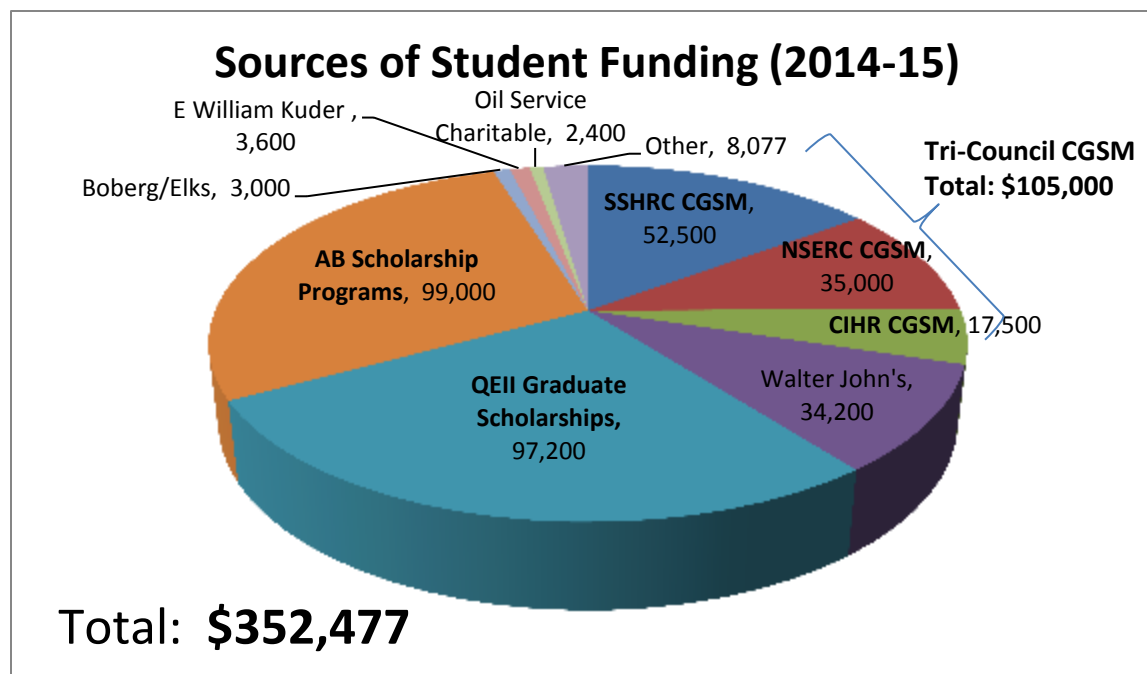


RMSA Teaching Award (CSD)

Faculty Teaching Award (FRM)

Despite a heavy administrative load, Dr. Hopper remains committed to classroom teaching and repeatedly comments that she finds teaching one of the most rewarding parts of her job as an academic. Students comment on the strong impact she has had on their learning and motivation to learn. They find her to be an inspiration and an outstanding role model.

## MScSLP Student Awards and Scholarships



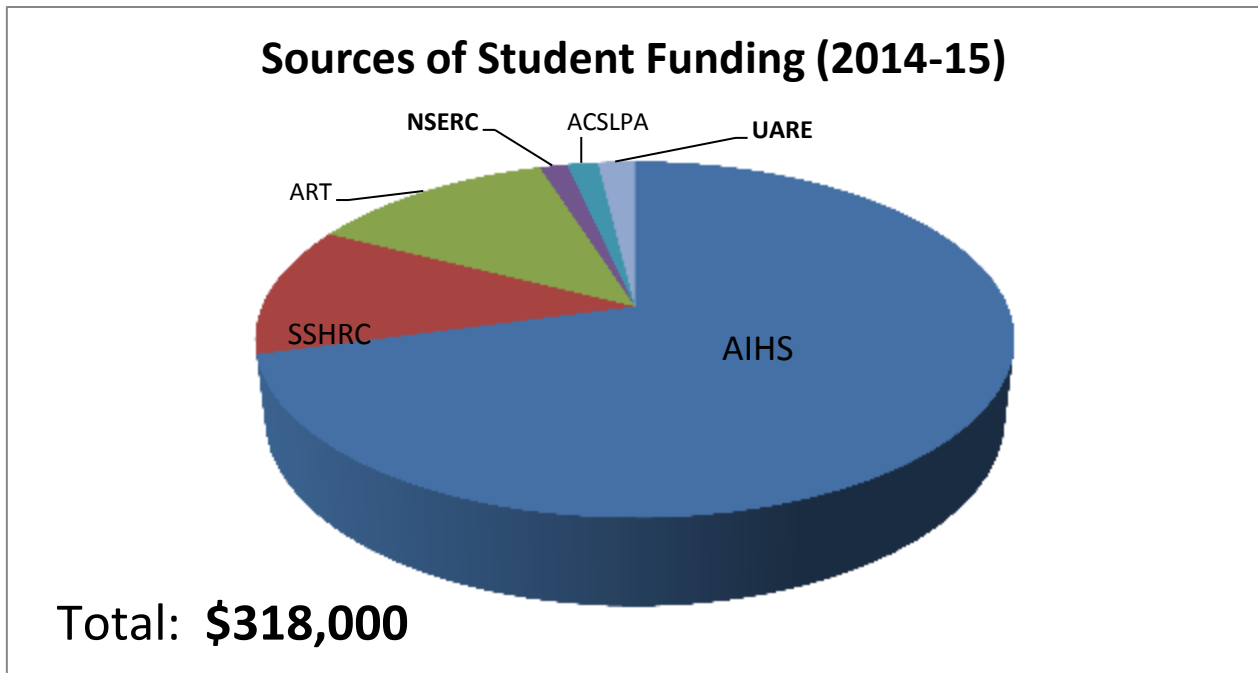
Student name	Award/Scholarship Name	Value
Alain, Jill	Alberta Scholarship Programs Graduate Student Scholarships GPA 3.7 and above	\$3,000
Anton, Kathryn	Alberta Scholarship Programs Graduate Student Scholarships GPA 3.7 and above	\$3,000
Benetti, Sarah	SAC Student Excellent Award 2015	Honorary
Bittman, Caitlin	Queen Elizabeth II Graduate Scholarship - Master's	\$10,800
Bittman, Caitlin	Alberta Scholarship Programs Graduate Student Scholarships GPA 3.7 and above	\$3,000
Borger, Paige	Alberta Scholarship Programs Graduate Student Scholarships GPA 3.7 and above	\$3,000
Boron, Briana	Alberta Scholarship Programs Graduate Student Scholarships GPA 3.7 and above	\$3,000
Chernik, Alicia	Queen Elizabeth II Graduate Scholarship - Master's	\$10,800
Chernik, Alicia	E William Kuder Memorial Graduate Scholarship in RM	\$1,800

Student name	Award/Scholarship Name	Value
Chernik, Alicia	Alberta Scholarship Programs Graduate Student Scholarships GPA 3.7 and above	\$3,000
Clarke, Jessica	Oil Service Charitable Organization Graduate Scholarship	\$2,400
Clarke, Jessica	<b>Joseph-Armand Bombardier Canada Graduate Scholarship - Master's (SSHRC)</b>	\$17,500
Clarke, Jessica	Walter H Johns Graduate Fellowship	\$5,700
Clarke, Jessica	Queen Elizabeth II Graduate Scholarship - Master's	\$10,800
Clover, Jennifer	FRM Jim and Fran Vargo Goodwill Award	\$750
Cooper, Rebecca	<b>Joseph-Armand Bombardier Canada Graduate Scholarship - Master's (SSHRC)</b>	\$17,500
Cooper, Rebecca	Walter H Johns Graduate Fellowship	\$5,700
Danielsen, Sarah	Dr Einer Boberg/Alberta Elks Foundation Memorial Graduate Award in Stuttering Treatment and Research	\$1,500.00
Danielsen, Sarah	Alberta Scholarship Programs Graduate Student Scholarships GPA 3.7 and above	\$3,000
Delaney, Jackson	Queen Elizabeth II Graduate Scholarship - Master's	\$5,400
Dembicki, Lisa	Alberta Scholarship Programs Graduate Student Scholarships GPA 3.7 and above	\$3,000
Dixon, Gillian	CIHR Health Professional Student Research Award	\$1,417
Dixon, Gillian	Tavistock Trust for Aphasia	\$460
Dodd, Erin	Queen Elizabeth II Graduate Scholarship - Master's	\$10,800
Dodd, Erin	Alberta Scholarship Programs Graduate Student Scholarships GPA 3.7 and above	\$3,000
Duncan, Alicia	Alberta Scholarship Programs Graduate Student Scholarships GPA 3.7 and above	\$3,000
Duncan, Alicia	Queen Elizabeth II Graduate Scholarship - Master's	\$10,800
Earle, Kelsey	E William Kuder Memorial Graduate Scholarship in RM	\$1,800
Earle, Kelsey	Alberta Scholarship Programs Graduate Student Scholarships GPA 3.7 and above	\$3,000
Eason, Nancy	Alberta Scholarship Programs Graduate Student Scholarships GPA 3.7 and above	\$3,000
Engel, Katherine	Alberta Scholarship Programs Graduate Student Scholarships GPA 3.7 and above	\$3,000
Erven, Leslie	Dr Einer Boberg/Alberta Elks Foundation Memorial Graduate Award in Stuttering Treatment and Resaerch	\$1,500.00
Erven, Leslie	Alberta Scholarship Programs Graduate Student Scholarships GPA 3.7 and above	\$3,000
Fleming, Rebecca	Alberta Scholarship Programs Graduate Student Scholarships GPA 3.7 and above	\$3,000

Student name	Award/Scholarship Name	Value
Forest, Elissa	Alberta Scholarship Programs Graduate Student Scholarships GPA 3.7 and above	\$3,000
Garret-Petts, Samantha	ACSLPA Clinical Award	\$100
Hansen, Selena	The Friends of the Faculty of Graduate Studies and Research Scholarship	\$1,500.00
Hansen, Selena	Alberta Scholarship Programs Graduate Student Scholarships GPA 3.7 and above	\$3,000
Jackson, Delaney	Alberta Scholarship Programs Graduate Student Scholarships GPA 3.7 and above	\$3,000
Jeske, Alysha	<b>Sir Frederick Banting and Dr. Charles Best Canada Graduate Scholarship - Master's (CIHR)</b>	\$17,500
Jeske, Alysha	Walter H Johns Graduate Fellowship	\$5,700
Johns, Alison	<b>Alexander Graham Bell Canada Graduate Scholarship(NSERC)</b>	\$17,500
Johns, Alison	Walter H Johns Graduate Fellowship	\$5,700
Khu, Vanessa	<b>Joseph-Armand Bombardier Canada Graduate Scholarship - Master's (SSHRC)</b>	\$17,500
Khu, Vanessa	Walter H Johns Graduate Fellowship	\$5,700
Kinsman, Melissa	Alberta Scholarship Programs Graduate Student Scholarships GPA 3.7 and above	\$3,000
Kinsman, Melissa	Queen Elizabeth II Graduate Scholarship - Master's	\$10,800
Miltenburg, Amanda	FRM Student Clinical Award	\$750
Minaudo, Caterina	Alberta Scholarship Programs Graduate Student Scholarships GPA 3.7 and above	\$3,000
n/a	Thelma R Scambler Scholarship	\$1,900
Ortlieb, Andrea	Edmonton (host) Lions Club of Edmonton	\$1,100
Ortlieb, Andrea	ACSLPA Academic Award	\$100
Peters, Julie	Alberta Scholarship Programs Graduate Student Scholarships GPA 3.7 and above	\$3,000
Robertson, Kathryn	Alberta Scholarship Programs Graduate Student Scholarships GPA 3.7 and above	\$3,000
Salli, Chelsey	Queen Elizabeth II Graduate Scholarship - Master's	\$5,400
Salli, Chelsey	Alberta Scholarship Programs Graduate Student Scholarships GPA 3.7 and above	\$3,000
Sanders, Kaitlin	Alberta Scholarship Programs Graduate Student Scholarships GPA 3.7 and above	\$3,000
Simioni, Andrea	Alberta Scholarship Programs Graduate Student Scholarships GPA 3.7 and above	\$3,000
Simioni, Andrea	Queen Elizabeth II Graduate Scholarship - Master's	\$10,800
St. Goddard, Rosalind	Alberta Scholarship Programs Graduate Student Scholarships GPA 3.7 and above	\$3,000

Student name	Award/Scholarship Name	Value
Stephens, Katherine	Queen Elizabeth II Graduate Scholarship - Master's	\$5,400
Stephens, Katherine	Alberta Scholarship Programs Graduate Student Scholarships GPA 3.7 and above	\$3,000
Sutter, Kendra	Queen Elizabeth II Graduate Scholarship - Master's	\$5,400
Sutter, Kendra	Alberta Scholarship Programs Graduate Student Scholarships GPA 3.7 and above	\$3,000
Tam, Andrea	<b>Alexander Graham Bell Canada Graduate Scholarship(NSERC)</b>	\$17,500
Tam, Andrea	Walter H Johns Graduate Fellowship	\$5,700
Templeton, Lauren	Alberta Scholarship Programs Graduate Student Scholarships GPA 3.7 and above	\$3,000
Van Ruskenveld, S.	Alberta Scholarship Programs Graduate Student Scholarships GPA 3.7 and above	\$3,000
Wills, Chelcy	Alberta Scholarship Programs Graduate Student Scholarships GPA 3.7 and above	\$3,000
Wolff, Clare	Alberta Scholarship Programs Graduate Student Scholarships GPA 3.7 and above	\$3,000
Yip, Beatrice	Alberta Scholarship Programs Graduate Student Scholarships GPA 3.7 and above	\$3,000
	Total	\$352,477

## Other Student Awards and Scholarships (students supervised by CSD faculty members)



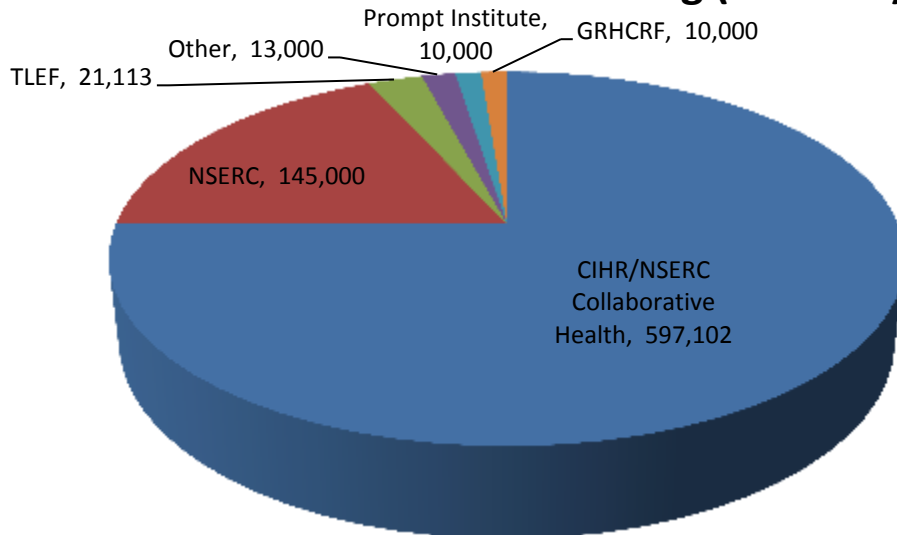
Student name	Program	Supervisor(s)	Award/Scholarship Name	Value
Chouinnard, Brea	PhD - Rehabilitation Sciences	Cummine, J., & Volden, J.	Alberta Innovates Health Solutions Clinician Fellowship	\$75,000
Constantinescu, Gabriela	PhD - Rehabilitation Sciences	Rieger, J., & Hodgetts, B.	Alberta Innovates Health Solutions Clinician Fellowship	\$75,000
Hardy, Teresa	PhD - Rehabilitation Sciences	Boliek, C., & Rieger, J.	Alberta Innovates Health Solutions Clinician Fellowship	\$75,000
Hardy, Teresa	PhD - Rehabilitation Sciences	Boliek, C., & Rieger, J.	SSHRC Doctoral Scholarship	\$20,000
Dagenais, Leah	PhD - Rehabilitation Sciences	Paslawski, T., & Boliek, C.	ACSLPA Centenary Scholarship	\$5,000
Mitchell, Wendy	PhD - Rehabilitation Sciences	Volden, J.	Autism Research Training Fellowship	\$20,000
Piatt, Carley	PhD - Psychology	Bisanz, J. & Volden, J.	Autism Research Training Fellowship	\$20,000

Rollans, Claire	MSc - Rehabilitation Sciences	Cummine, J.	Joseph-Armand Bombardier Canada Graduate Scholarship - Master's (SSHRC)	\$17,500
Gynane, Haley	Biological Sciences, Faculte Saint- Jean	Boliek, C.	NSERC Undergraduate Student Research Award	\$4,500
Chaouki, Rami	McGill University	Kim, E.	University of Alberta Research Experience (UARE)	\$6,000



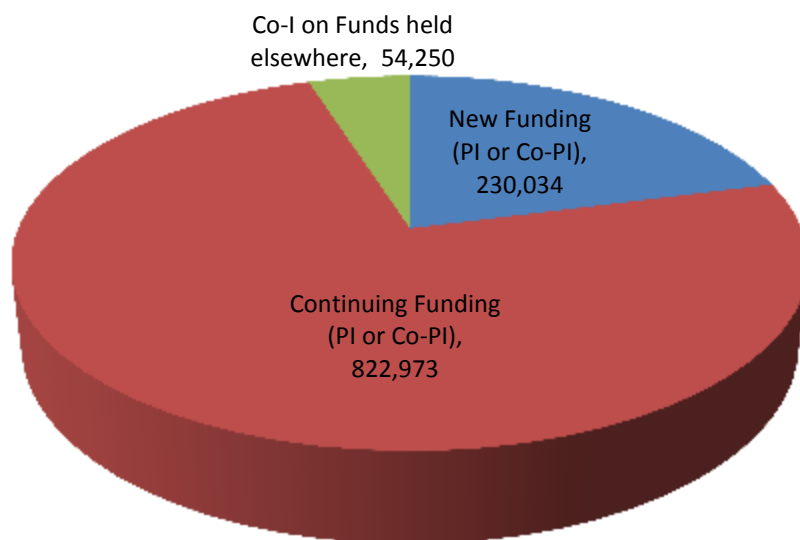
## Research Funding

### Sources of New Grant Funding (2014-15)



**Total New Funding (as PI or Co-PI): \$796,215**

### Total Funding (amount applicable in 2014-15)



**Total Funding applicable in 2014-15 (as PI or Co-PI): \$1,053,007**

## New Research Funding 2014-2015

<b>Author</b>	<b>Dr. Deryk Beal (PI)</b>
Title of Grant	Development and plasticity of the neural network for speech motor control
Funding Agency	Natural Sciences and Engineering Council of Canada (NSERC)
Total Amount of Award	\$145,000 (\$5,000 applicable this year)
Dates of Funding	2015-2020

<b>Author</b>	<b>Dr. Deryk Beal (PI)</b>
Title of Grant	Microstructural brain changes in response to PROMPT treatment
Funding Agency	The Prompt Institute Motor Speech Grant
Total Amount of Award	\$10,000 (\$1,000 applicable this year)
Dates of Funding	2015-2016

<b>Author</b>	Hayward, D. (PI) & <b>Dr. Monique Charest (Co-Inv)</b>
Title of Grant	Sensitivity of assessment measures to language and literacy weakness in kindergarten
Funding Agency	University of Alberta Support for the Advancement of Scholarship (SAS) Grant Program
Total Amount of Award	\$8,500 (\$4,250 applicable this year) Funds held in Faculty of Education
Dates of Funding	2015 (Jan-Dec)

<b>Author</b>	<b>Dr. Esther Kim (PI)</b> , Gray, D.S., McManus, E., Emmerzael, K., & Reid, C.
Title of Grant	Enhancing neural plasticity in aphasia: A pilot study examining non-invasive brain stimulation and treatment intensity
Funding Agency	Glenrose Rehabilitation Hospital Foundation Clinical Research Grant Competition
Total Amount of Award	\$10,000 (\$10,000 applicable this year)
Dates of Funding	2015-2016

<b>Author</b>	<b>Lu-Anne McFarlane (PI)</b> , Bostick, G., Hall, M., Kanuka, H, <b>Dr. Teresa Paslawski</b> , Zarski, C., Schmitz, D., Esmail, S. & Martin, B.
Title of Grant	Professional skills acquisition in health science programs: Development of curricula, learning resources and assessment methods
Funding Agency	Teaching and Learning Enhancement Fund
Total Amount of Award	\$21,113 (\$2,000 applicable this year)
Dates of Funding	2015-2017

<b>Author</b>	<b>Dr. Jana Rieger (PI)</b> , Wolfaardt, J., Seikaly, H., & Logan, H.
Title of Grant	Maxilla Reconstruction: The impact of surgical planning and reconstruction guides on speech and swallowing outcomes in head and neck cancer
Funding Agency	Alberta Health Services Cancer SCN
Total Amount of Award	\$5,000 (\$5,000 applicable this year)
Dates of Funding	2015-2016

<b>Author</b>	Chung, H., & <b>Dr. Jana Rieger (Co-PIs)</b>
Title of Grant	Skin adhesive smart patch to monitor hydration status in real-time
Funding Agency	CIHR Collaborative Health Research Projects (NSERC partnered)
Total Amount of Award	\$597,102 (\$199,034 available this year) Funds held in Faculty of Engineering
Dates of Funding	2015-2018

<b>Author</b>	<b>Dr. Jana Rieger (PI)</b> , Chuka, R., & Constantinescu, G.*
Title of Grant	Predictors of satisfaction and perceived change with implant retained oral rehabilitation following treatment for head and neck cancer
Funding Agency	Covenant Health Research Fund
Total Amount of Award	\$3,000 (\$3,000 applicable this year) Funds held at Covenant Health
Dates of Funding	2015

<b>Author</b>	Wilkes, G. (PI), McHutchion, L., Logan, H., & <b>Dr. Jana Rieger (Co-Inv)</b>
Title of Grant	Custom external breast prosthesis for patients with partial or full mastectomies using a digital pathway
Funding Agency	Alberta Health Services Cancer SCN
Total Amount of Award	\$5,000 (\$5,000 applicable this year) Funds held in Faculty of Medicine
Dates of Funding	2015-2016

## Continuing Research Funding

<b>Author</b>	<b>Dr. Deryk Beal (PI)</b> , Bohland, J., Langevin, M., Bartlett, C.
Title of Grant	Genetic contributions to developmental stuttering
Funding Agency	Woman and Children's Health Research Institute (WCHRI)
Total Amount of Award	\$50,000 (\$40,000 applicable this year)
Dates of Funding	2013-2015

<b>Author</b>	<b>Dr. Deryk Beal (PI) &amp; Boliek, C.</b>
Title of Grant	Motor sequence learning in children who stutter
Funding Agency	Faculty of Rehabilitation Medicine Internal Grant
Total Amount of Award	\$6,000 (\$6,000 applicable this year)
Dates of Funding	2013-2015 (including 1 year no-cost extension)

<b>Author</b>	<b>Dr. Carol Boliek (PI)</b>
Title of Grant	Neural correlates of intensive voice treatment effects on children with cerebral palsy
Funding Agency	Cerebral Palsy International Research Foundation
Total Amount of Award	\$98,460 (\$36,922 applicable this year)
Dates of Funding	2012-2015

<b>Author</b>	<b>Dr. Carol Boliek (PI)</b>
Title of Grant	The development and refinement of neural regulation of chest wall motor control for voluntary breathing during simple and complex tasks
Funding Agency	National Sciences and Engineering Research Council (NSERC)
Total Amount of Award	\$125,000 (\$25,000 applicable this year)
Dates of Funding	2013-2018

<b>Author</b>	<b>Dr. Monique Charest (PI)</b>
Title of Grant	Interference in language planning in specific language impairment
Funding Agency	University of Alberta Support for the Advancement of Scholarship (SAS) Grant Program
Total Amount of Award	\$6,000 (\$3,000 applicable this year)
Dates of Funding	2014-2015

<b>Author</b>	<b>Dr. Stuart Cleary (PI), Kalra, S., Wheeler, S., &amp; Johnston, W.</b>
Title of Grant	Secretion management, swallowing, airway clearance and QOL in individuals with ALS
Funding Agency	Covenant Health Research Grant
Total Amount of Award	\$5,000 (\$0 applicable this year) Funds held at AHS
Dates of Funding	2014-2015

<b>Author</b>	<b>Richman-Wisenstat, J., &amp; Dr. Stuart Cleary (Co-PIs)</b>
Title of Grant	Lung volume recruitment to improve cough and airway clearance in neuromuscular disorders
Funding Agency	Quality Healthcare Improvement Grant – Alberta Health
Total Amount of Award	\$10,000 (\$10,000 applicable this year)
Dates of Funding	2014–2015

<b>Author</b>	<b>Dr. Jacqueline Cummine (PI)</b>
Title of Grant	Understanding basic reading processes: A behavioural and neuroanatomical approach
Funding Agency	Natural Sciences and Engineering Council of Canada
Total Amount of Award	\$145,000 (\$29,000 applicable this year)
Dates of Funding	2012-2017

<b>Author</b>	<b>Dr. William (Bill) Hodgetts (PI)</b>
Title of Grant	Prescription and verification of active bone conduction implants (A-BCI)
Funding Agency	William Demant Foundation
Total Amount of Award	Approximately \$400,000 CAD but being paid in DKK (approximately \$110,000 CAD applicable this year) Funds held at iRSM
Dates of Funding	2014-2017

<b>Author</b>	<b>Dr. Esther Kim (PI)</b>
Title of Grant	Alberta Aphasia Camp
Funding Agency	March of Dimes Canada
Total Award Amount	\$10,000 (\$10,000 applicable this year)
Dates of Funding	2014-2015

<b>Author</b>	<b>Dr. Esther Kim (PI)</b>
Title of Grant	Cognitive and neural mechanisms of language and working memory
Funding Agency	Canada Foundation for Innovation – Infrastructure Operating Fund
Total Amount of Award	\$10,000 (\$3,200 applicable this year)
Dates of Funding	2014-2019

<b>Author</b>	King, S. (PI), Martin, B., Makowsky, M., Bates, H., Hillier, T., Davies, J., Ward, C., Taylors, E. <b>Dr. Teresa Paslawski (Co-Inv)</b> , Lasiuk, G., & Causgrove Dunn, J.
Title of Grant	IntD 410 Health Team Development
Funding Agency	University of Alberta Blended Learning Award, Provost's Digital Learning Committee
Total Amount of Award	\$75,000 (\$37,500 available this year)
Dates of Funding	2014-2016

<b>Author</b>	Tucker, B.V., & <b>Dr. Karen Pollock (Co-PIs)</b>
Title of Grant	Developing interactive online lab activities and an online course for phonetics
Funding Agency	University of Alberta – Teaching & Learning Enhancement Fund (TLEF)
Total Amount of Award	\$48,810 (\$7,500 available this year – funds held in Department of Linguistics)
Dates of Funding	2013-2016

<b>Author</b>	<b>Dr. Jana Rieger (PI)</b> , Mummery, K., Seikaly, H., <b>Hodgetts, B.</b> , Chan, M., Lou, E., Dumont, Rogers, J., Matthews, Chung, J., Mousavi, P.
Title of Grant	Portable swallowing therapy unit: Using innovative technology to provide accessible care for head and neck cancer patients with chronic swallowing difficulties
Funding Agency	Alberta Cancer Foundation
Total Award Amount	\$1,923,362 (\$455,466 applicable this year)
Dates of Funding	2014-2019

<b>Author</b>	<b>Dr. Jana Rieger (PI)</b> , Seikaly, H., Lou, E., Mummery, K., <b>Hodgetts, B. (Collaborator)</b> , Fels, S.
Title of Grant	Portable wallowing therapy unit: interfacing technology and rehabilitation medicine to provide accessible care for patients with chronic swallowing difficulties
Funding Agency	AHS/NSERC hSITE Strategic Research Network
Total Amount of Award	\$50,300 (\$50,300 applicable this year)
Dates of Funding	2014-2015

<b>Author</b>	<b>Dr. Jana Rieger (PI)</b> , Wolfaardt, J., & Al-Daghreer, S.
Title of Grant	Manufacturing of scaffold and bone plates using the 3D bioplotter
Funding Agency	Covenant Health Research Fund
Total Amount of Award	\$4,842 (\$4,842 applicable this year)
Dates of Funding	2014-2015

<b>Author</b>	McLeod, A. (PI), LeFebvre, P., Paradis, J., Sutton, A., Trudeau, N. & <b>Schneider, P. (Co-Inv)</b>
Title of Grant	Islands and peninsulas: speech and language skills of 4 year-old children in Official Language Minority Communities.
Funding Agency	Canadian Institutes for Health Research
Total Amount of Award	\$99,895 Held at the University of Montreal \$18,100 Sub-contracted to P. Schneider at UAlberta (\$7,078 applicable this year)
Dates of Funding	2011-2015

<b>Author</b>	<b>Schneider, P. (PI)</b>
Title of Grant	Using picture stories to compare oral and written language.
Funding Agency	Vice-President (Research), University of Alberta
Total Amount of Award	\$7,165 (\$165 applicable this year)
Dates of Funding	2014-2015

<b>Author</b>	<b>Dr. Ming Zhang (PI)</b>
Title of Grant	Cochlear low-frequency electrical responses
Funding Agency	Canada Foundation for Innovation
Total Amount of Award	\$10,744 (\$2,000 available this year)
Dates of Funding	2012-2017

<b>Author</b>	<b>Dr. Ming Zhang</b>
Title of Grant	The Development of a Concha Electrode for Electrocochleography (ECochG) (II)
Funding Agency	Natural Sciences and Engineering Research Council of Canada – Idea to Innovation (Phase I)
Total Amount of Award	\$91,565 (\$30,000 available this year)
Dates of Funding	2013-2016

<b>Author</b>	<b>Dr. Ming Zhang</b>
Title of Grant	Remapping tinnitus cortex
Funding Agency	Faculty of Rehabilitation Medicine incentive program
Total Amount of Award	\$10,000 (\$3,000 available this year)
Dates of Funding	2012-2015

<b>Author</b>	Gomaa, N. (PI) & <b>Dr. Ming Zhang</b>
Title of Grant	Central hearing deficit in patients with tinnitus
Funding Agency	Edmonton Civic Employees Research Award
Total Amount of Award	\$10,000 (\$5,000 available this year) Funds held in Faculty of Medicine
Dates of Funding	2014-2016



## Publications

### Book Chapters

**Hodgetts, W.E.** (in press). Other Hearing Devices: Bone Conduction. *Comprehensive Handbook of Pediatric Audiology*. 2<sup>nd</sup> Edition. San Diego: Plural.

### Peer Reviewed Journal Articles

(asterisks indicate students)

**Beal D.S.**, Lerch, J.P., Cameron, B., Henderson, R., Gracco, V. & De Vil, L.F. (2015). The trajectory of gray matter development in Broca's area is abnormal in people who stutter. *Frontiers in Human Neuroscience*, 9: 1. doi:10.3389/fnhum.2015.00089

Segawa, J.A., Tourville, J.A., **Beal, D.S.** & Guenther, F. H. (2015). Speech motor sequence learning is mediated by a frontal-temporal auditory-motor network. *Journal of Cognitive Neuroscience*, 27(4): 819. doi:10.1162/jocn\_a\_00737

**Boliek, C.A.**, Harris, J.A.\*, Sadowski, D.C., **Paslawski, T.**, Jones, K.E., Gan, L.S. & **Rieger, J.M.** (2015). Pharyngeal stimulation in head and neck cancer patients with dysphagia: Functional outcomes and transcranial magnetic stimulation motor evoked potentials. *International Journal of Rehabilitation Medicine*, 1: 1-6. doi:10.4172/23760281.1000138

Dagenais, L.M.\*, **Boliek, C.A.**, Woodhouse, L. & **Paslawski, T.** (2015). Comparing service delivery models of communication outcomes in adults with aphasia secondary to stroke. *International Journal of Medicine and Allied Health Sciences*, 4: 321-334. doi:EISSN 23483229

Bakhtiari, R.\*, **Boliek, C.A.** & **Cummine, J.** (2015). Investigating the contribution of ventral-lexical and dorsal-sublexical pathways during reading in bilinguals. *Frontiers in Human Neuroscience*, 8: 1-10. doi: 10.3389/fnhum.2014.00507

**Charest, M.**, Johnston, J.R. & Small, J.A. (2015). Lexical activation effects on children's sentence planning and production. *Applied Psycholinguistics*, First View Available on CJO2015 (published online April 8, 2015): 1-26 (26 pages, online version). doi: 10.1017/S0142716415000119

**Charest, M.** & Johnston, J.R. (in press). Effects of target attributes on children's patterns of referential under- and over-specification. *Journal of Child Language*.

Suleman, S.\*, **Cleary, S.**, Bremault-Philips, S., **Hopper, T.**, Jones, A., **Paslawski, T.** & Brown, C. A. (2015). Rehabilitation research for older adults: Outcomes of a knowledge translation. *SAGE Open*, October-December: 1-5. doi: 10.1177/2158244014560550

**Cleary, S.** (2015). Secretion management in older adults with acute and chronic health conditions. *Canadian Nursing Home*, 26(3): 4-10. doi:ISSN 08475520

Adams, K., & **Cook, A.** (2014). Programming and controlling robots using scanning on a speech generating communication device: A case study. *Technology and Disability*, 26 (1), 49-59.

Adams K, and **Cook A.** (2014) Use of robots in 'hands-on' academic activities: A case study examining the skills required to use a speech generating device to control a robot. *Disability and Rehabilitation: Assistive Technology*, 9(4), 286-298.

Barlott T, Adams K, **Cook A.** (In press). The use of mainstream information and communication technology as assistive technology in lower-income countries. *Universal Access in the Information Society*. Springer Berlin Heidelberg. doi:10.1007/s10209-015-0418-z

Rios, A., **Cook, A.**, Magill-Evans, J., and Adams, K. (in press). Playfulness in Children with Limited motor abilities when using a robot. *Physical & Occupational Therapy in Pediatrics*.

**Cummine, J.**, Szepesvari, E.\*, Chouinard, B.\*, Hanif, W.\* & Georgiou, G. (2015). A functional investigation of RAN letters, digits, and objects: How similar are they? *Behavioural Brain Research*, 275: 157-165. doi:10.1016/j.bbr.2014.08.038

Slaughter, S., **Hopper, T.**, Ickert, C. & Erin, D. (2015). Identification of hearing loss among residents with dementia: Perceptions of healthcare aides. *Geriatric Nursing*, 35: 434-440.

Suleman, S.\* & **Hopper, T.** (2015). Mixed methods research and its use in speech-language pathology and audiology. *Canadian Journal of Speech-Language Pathology and Audiology*, 38 (4): 386-399.

Eskes, G., Lanctot, K.L., Hermann, N., Lindsay, P., Bayley, M., Bouvier, L., Dawson, D., Egi, S., Gilchrist, E., Green, T., Gubitz, G., Hill, M., **Hopper, T.**, Khan, A., King, A., Kirton, A., Moorhouse, P., Smith, E.E., Green, J., Goley, N., Salter, K., Swartz, R.H. and on behalf of the Heart and Stroke Foundation Canada, Canadian Stroke Best Practices Committees (2015). Canadian Stroke Best Practice Recommendations: Mood, Cognition and Fatigue Following Stroke practice guidelines, update 2015. *International Journal of Stroke*.

Leung, A.W.S., Ng, B.P.S., Yuen, J., Dixon, G\* & **Kim, E.S.** (2015). Neuroplastic changes after auditory working memory training in a patient surviving multiple strokes. *Journal of Neuroscience and Rehabilitation*, 1: 1-22.

**Kim, E.S.**, Lemke, S.\* (2015). Behavioural and eye-movement outcomes in response to text-based reading treatment for acquired alexia. *Neuropsychological Rehabilitation: An International Journal*. doi:10.1080/09602011.2014.999688

Roberts, D.J., Lambon Ralph, M.A., **Kim, E.S.**, Tainturier, M.J., Beeson, P.M., Rapcsak, S. Z. & Woollam, A.M. (in press). Preprocessing deficits for familiar and novel faces in patients with left posterior fusiform lesions. *Cortex*.

Suleman, S.\* & **Kim, E.S.** (in press). Decision-making, cognition, and aphasia: developing a foundation for future discussions and inquiry. *Aphasiasiology*.

**Kim, E.S.**, Rising, K., Rapcsak, S.Z. & Beeson, P.M. (in press). Treatment for alexia with agraphia following left ventral occipito-temporal damage: Strengthening orthographic representations common to reading and spelling. *Journal of Speech, Language and Hearing Research*.

Szatmari, P., Bryson, S., Fombonne, E., Mirenda, P., Roberts, W., Vaillancourt, T., **Volden, J.**, Zwaigenbaum, L., Elsabbagh, M., Gerogiades, S., Duku, E., Thompson, A., and the Pathways in ASD study team (2015). Developmental trajectories of symptom severity and adaptive function in an inception cohort of preschool children with autism spectrum disorders. *Journal of the American Medical Association, Psychiatry*, 72(3): 276-2823.  
doi:10.1001/jamapsychiatry.2014.2463

Allen, S., Smith, I.M, Duku, E., Vaillancourt, T., Szatmari, P., Bryson, S., Fombonne, E., **Volden, J.**, Waddell, C., Zwaigenbaum, L., Roberts, W., Mirenda, P., Bennett, T., Elsabbagh, M. & Georgiades, S. (2015). The Behavioural Pediatrics Feeding Assessment Scale in Young Children with Autism Spectrum Disorders: Psychometrics and Associations with Child and Parent Variables. *Journal of Pediatric Psychology*, volume not assigned, 1-10.  
doi:10.1093/jpepsy/jsv006

Bennet, T., Szatmari, P., Gerogiades, K., Hanna, S., Janus, M., Georgiades, S., Duku, E., Bryson, S., Fombonne, E., Smith, I., Mirenda, P., **Volden, J.**, Waddell, C., Roberts, W., Vaillancourt, T., Zwaigenbaum, L., Elsabbagh, M., Thomopson, A., and the Pathways in ASD study team (2015). Do reciprocal associations exist between social and language pathways in preschoolers with autism spectrum disorders? *Journal of Child Psychology and Psychiatry*, volume not assigned, e-pub ahead of print: page numbers not assigned. doi:10.1111/jcpp.12356

Flanagan, H., Smith, E.S., Vaillancourt, T., Duku, E., Szatmari, P., Bryson, S., Fombonne, E., Mirenda, P., Roberts, W., **Volden, J.**, Waddell, C., Zwaigenbaum, L., Bennett, T., Elsabbagh, M. & Georgiades, S. (2015). Stability and change in the cognitive and adaptive behaviour scores of preschoolers with autism spectrum disorder. *Journal of Autism and Developmental Disorders*, Volume not assigned, e-pub ahead of print: page numbers not assigned.  
doi:10.1007/s1080301524336

**Volden, J.**, Duku, E., Shepherd, C., Georgiades, S., Bennett, T., diRezze, B., Szatmari, P., Bryson, S., Fombonne, E., Mirenda, P., Roberts, W., Smith, I., Vaillancourt, T., Wadell, C., Zwaigenbaum, L., Elsabbagh, M., and the Pathways in ASD Study team (in press). Service utilization in a sample of preschool children with autism spectrum disorder. *Pediatrics and Child Health*.

Piatt, C.\*, Coret, M., Choi, M., **Volden, J.**, Bisanz, J. (in press). Comparing children's performance on and preference for a number-line estimation task: Tablet versus paper and pencil. *Journal of Psychoeducational Research*.

Qi, L., Schmidt, B., Qureshi, M., Hendson, L., **Zhang, M.** (2015). Using 1000 Hz tympanometry in hearing screening of babies in the Neonatal Intensive Care Unit (NICU). *Canadian Journal of Speech-Language Pathology & Audiology*, 39: 162-175.

Yu, Y.\*, Huang, D., Olivo, S., Bambanini, Y., Yang, H., Sonnenberg, L., Clark, B., Constantinescu, G., Yu, Q., & **ZhangM.** (2015). Confounding Effect in Clinical Research of Otolaryngology and Its Control. *Chinese Medical Science Journal (ELSEVIER)*, 30, 12130.

Yu, Y.\*, et al. **Zhang, M.** (in press). Genetic effect on sensorineural hearing loss and evidence based treatment for the disease. *Chinese Medical Sciences Journal (Elsevier)*.

## **Presentations/Abstracts**

### **Abstracts**

Seikaly, H., **Rieger, J.M.**, Constantinescu, G., Harris, J., O'Connell, D., Wolfaardt, J., Buchbinder, D., Jacobson, A., Lazarus, C. Functional and Quality of Life Outcomes After Glossectomy: A Multi-Institutional Study of the Head and Neck Research Network, JAMA Otolaryngology Head and Neck Surgery, 2014: S045.

## Conference Presentations

(asterisks indicate student/trainee)

### *Refereed*

Author(s)	Title of Paper	Conference
Baird, T.* , Lau, A., <b>Beal, D.S.</b> & Mandhane, P.	Impact of maternal marital status on language development at years of age within the Canadian Healthy Infant Longitudinal Development (CHILD) study.	The 2 <sup>nd</sup> Annual Paediatric Research Day, University of Alberta, Edmonton, AB. May 20, 2015.
Misaghi, E.* & <b>Beal, D.S.</b>	A study of white matter abnormalities in children who stutter: rFAT is fat!	The 29 <sup>th</sup> Annual Psychology Royce Research Conference, University of Alberta, Edmonton, AB. April 14, 2015.
Misaghi, E.* & <b>Beal, D.S.</b>	Frontal aslant tract assessment in children who stutter.	Neuroscience Research Day, University of Alberta, Edmonton, AB. March 16, 2015.
Zhang, Z.* , Misaghi, E.* & <b>Beal, D.S.</b>	Extracting the corticospinal tract from diffusion tensor images.	University of Alberta Research Experience Symposium, Edmonton, AB. February 25, 2015.
<b>Beal, D.S.</b>	Evidence for abnormal feedback mechanisms of speech-motor control persistent in developmental stuttering.	Canadian Spring Conference on Behaviour and Brain, Fernie, BC. February 20, 2015.
Misaghi, E.* & <b>Beal, D.S.</b>	White matter deficits in the dorsal stream of the speech network in children who stutter.	Canadian Spring Conference on Behaviour and Brain, Fernie, BC. February 20, 2015.
<b>Beal, D.S.</b> , Misaghi, E.* , Templeton, L.* & De Nil, L.	White matter tract abnormalities in children and adults who stutter.	American Speech, Language, Hearing Association Annual Convention, Orlando, FL. November 20, 2014.
<b>Beal, D.S.</b> , Bohland, J. & Bartlett, C.	Imaging-genetics: Bridging the study of brain development and genetic risk variants to understand stuttering.	American Speech, Language, Hearing Association Annual Convention, Orlando, FL. November 20, 2014.
<b>Beal, D.S.</b>	Imaging, genetics and neuroplasticity.	American Speech, Language, Hearing Association Annual Convention, Orlando, FL. November 20, 2014.

Author(s)	Title of Paper	Conference
<b>Boliek, C.A.</b>	Kinematic and neural-muscular attributes of speech breathing in children with and without motor speech disorders.	American Speech, Language, Hearing Association Annual Convention, Orlando, FL. November 20, 2014.
Fox, C.M., Pedersen, L., Chouinard, B.* , Hardy, T.* , Gynane, H., Bakhtiari, R.* , Ramig, L.O. & <b>Boliek, C.A.</b>	LSVT LOUD for children with Cerebral Palsy and Dysarthria: Rationale, data and implementation.	American Speech, Language, Hearing Association Annual Convention, Orlando, FL. November 20, 2014.
Ramig, L.O., Fox, C.M., <b>Boliek, C.A.</b> , Halpern, A., Peterson, E., Schulz, G. & Theodoros, D.	Implementing treatment outcome research in your clinical practice: How to make it happen.	American Speech, Language, Hearing Association Annual Convention, Orlando, FL. November 20, 2014.
<b>Boliek, C.A.</b> & Fox, C.M.	Intensive voice treatment for children with motor speech disorders secondary to Cerebral Palsy.	American Academy of Cerebral Palsy and Developmental Medicine 68 <sup>th</sup> Annual Meeting, San Diego, CA. September 13, 2014.
<b>Cummine, J.</b> , Cribben, I., Hanif, W.* , Bahktiari, R.* , Georgiou, G. & <b>Boliek, C.A.</b>	Exploring neural networks associated with reading and speech production: A graph analysis approach.	Neurobiology of Language, Amsterdam, Netherlands. August 28, 2014.
<b>Boliek, C.A.</b> , Bakhtiari, R.* , Reed, A.* , Mager, B.* , Cribben, I., Gynane, H., Jasawl, A.* , Bremmekamp, D.* , Fox, C., Chouinard, B.* & <b>Cummine, J.</b>	Neural and physiological changes following intensive voice therapy in children with motor speech disorders secondary to Cerebral Palsy.	Movement Disorders Conference, San Diego, CA. June 12, 2015.
Encarnação*, P., Adams, K., <b>Cook, A.</b> , Nunes da Ponte, M., Caiado, A., Leite, T., . . . Londral, A.	Training on the use of an integrated augmentative manipulation and communication assistive technology for academic activities.	Recent Advances in Assistive Technology & Engineering, Birmingham, England. 2014
Adams, K. & <b>Cook, A.</b>	Interface design with integrated communication and robotic manipulation to encourage play.	International Society for Augmentative and Alternative Communication (ISAAC). Lisbon, Portugal. 2014
Encarnação*, P., Adams*, K., <b>Cook, A.</b> , Nunes da Ponte, M., Caiado, A., Leite, T., . . . Londral, A.	Cultural issues in implementing an integrated augmentative communication and manipulation assistive technology for academic activities.	International Society for Augmentative and Alternative Communication (ISAAC). Lisbon, Portugal. 2014

Author(s)	Title of Paper	Conference
Encarnação, P., Adams, K., <b>Cook, A.</b> , Nunes da Ponte, M., Caiado, A., Leite, T., . . . Silva, M.	Using assistive robots to promote inclusive education – First User Trials	Rehabilitation Engineering and Assistive Technology Society of North America (RESNA) Annual Conference Denver, Colorado, USA June 10-14, 2015
Chouinard, B.*, <b>Cummine, J.</b> , Hollinger, J. & <b>Volden, J.</b>	Evaluation of the metaphor interference effect.	Banff Annual Seminars in Cognitive Sciences, Banff, AB. May 1, 2015.
Chouinard, B.*, <b>Volden, J.</b> , Cribben, I. & <b>Cummine, J.</b>	Improving our understanding of the figurative language processing in people with autism spectrum disorder (ASD).	Annual Banff Behavioural Sciences Conference: Autism in transition, Banff, AB. March 15, 2015.
Chouinard, B.*, <b>Cummine, J.</b> , <b>Volden, J.</b>	Metaphor processing in high-functioning adults with ASD.	American Speech, Language, Hearing Association Annual Convention, Orlando, FL. November 20, 2014.
Chouinard, B.*, <b>Volden, J.</b> , <b>Cummine, J.</b>	Examining the neurological components of the metaphor interference effects in individuals with and without ASD.	Society for the Neurobiology of Language Annual Meeting, Amsterdam, Netherlands. August 27, 2014.
<b>Cummine, J.</b> , Georgiou, G & Cribben, I.	Exploring neural networks associated with Rapid Automatized Naming (RAN): A graphical model approach.	Human Brain Mapping Conference, Honolulu, Hawaii. June 15, 2015.
Chouinard, B.*, <b>Volden, J.</b> , Cribben, I. & <b>Cummine, J.</b>	Improving our understanding of figurative language processing in people with ASD.	Autism in Transition Conference, Montreal, QC. August 1, 2015.
Chouinard, B.*, <b>Volden, J.</b> & <b>Cummine, J.</b>	Simultaneous vs serial processing of figurative language in autism.	Basics Annual Seminar in Cognitive Sciences, Banff, AB. May 1, 2015.
Constantinescu, G.*, Scott, D., Kuffel, K., King, B., <b>Hodgetts, W.E.</b> , Brodt, C. & <b>Rieger, J.</b>	Electromyography and mechanomyography signals during swallowing in healthy adults and head and neck cancer survivors.	Annual Otolaryngology Head and Neck Surgery Resident Research Day, Edmonton, AB. May 1, 2015.
Westover, L.*, <b>Hodgetts, W.E.</b> , Faulkner, G., Raboud, D.	Advanced system for implant stability testing (Asist).	OSSEO 2015, Lake Louise, AB. May 21, 2015.
Faulkner, G., Westover, L.*, <b>Hodgetts, W.E.</b> , Raboud, D.	Comparison of Asist and Osstell-ISQ for BAHA implant stability.	OSSEO 2015, Lake Louise, AB. May 21, 2015.

<b>Author(s)</b>	<b>Title of Paper</b>	<b>Conference</b>
Steen, L.*, Boulanger, P., <b>Hodgetts, W.E.</b> , Wolfaardt, J., Wright, E. & Zheng, B.	Development of a practical simulator for training nasal endoscopy skills in otolaryngology residency programs.	Advanced Digital Technologies Conference, Beijing, China. August 9, 2014.
Bourgeois, M., <b>Hopper, T.</b> , Hinckley, J., Brush, J., Douglas, N. & Khayum, B.	Functional, meaningful interventions for people with dementia.	American Speech-Language-Hearing Association, Orlando, FL. November 14, 2014.
<b>Kim, E.S.</b> , Ruelling, A. & Kajner, R.	Alberta Aphasia Camp: Examining engagement and social participation outcomes.	Aphasia Access Leadership Summit, Boston, MA. March 13, 2015.
Suleman, S.*, Chaouki, R.* & <b>Kim, E.S.</b>	Decision making in a person with aphasia: A case study (poster)	Alberta Speech-Language Pathologists and Audiologists (ACSLPA) Annual Conference, Calgary, AB. October 2014.
<b>Paslawski, T.</b> , Hatch, T., King, S. & <b>McFarlane, L.</b>	Speech language pathology – partners in collaboration.	Alberta Speech-Language Pathologists and Audiologists (ACSLPA) Annual Conference, Calgary AB. November 6, 2015.
Chung, H.* , <b>Pollock, K.</b> , Dunger, J.* & Bedard, J.*	Rhotic vowel production in young children with and without speech sound disorders: Acoustic analysis vs perceptual transcription.	International Child Phonology Conference, St. John’s, NL. June 25, 2015.
<b>Rieger, J.</b>	Pushing the boundaries of surgical stimulation and design: the future role of VR.	EON reality the future for virtual and augmented reality in life sciences and healthcare conference, Manchester, UK. May 1, 2015.
<b>Rieger, J.</b>	Institute for Reconstructive Sciences in Medicine: Intervention for the head and neck cancer patient.	Cancer Research Institute of Northern Alberta Conference, Edmonton, AB. November 1, 2014.
<b>Rieger, J.</b> , Contanstinescu, G.	Mobili-T: Using innovative technology to provide accessible care for patients with chronic swallowing disabilities.	GRAND NCE Conference, Edmonton, AB. November 1, 2014.
<b>Rieger, J.</b>	Trends in patient oriented outcomes: Canadian perspectives.	ORONet Conference, Kelowna, BC. September 1, 2014.
<b>Rieger, J.</b> , Bassi, F.	ORONet working group update.	ORONet Conference, Kelowna, BC. September 1, 2014.



Author(s)	Title of Paper	Conference
Seikaly, H., <b>Rieger, J.</b> , Constantinescu, G., Harris, J., O'Connell, D., Wolfaardt, J., Buchbinder, D., Jacobson, A., Lazarus, C., Markowitz, E., Okay, D., Urken, M., Aitasalo, K., Kinnunen, I., Laine, J., Soukka, T., Happonen, R.	Functional and quality of life outcomes after glossectomy.	ADT Conference, Beijing, China. September 1, 2014.
Seikaly, H., <b>Rieger, J.</b> , Constantinescu, G., Harris, J., O'Connell, D., Wolfaardt, J., Buchbinder, D., Jacobson, A., Lazarus, C., Markowitz, E., Okay, D., Urken, M., Aitasalo, K., Kinnunen, I., Laine, J., Soukka, T., Happonen, R.	Functional and quality of life outcomes after glossectomy: A multi-institutional study of the head and neck research network.	5 <sup>th</sup> Congress of IFHNOS and the 2014 Meeting of the AHNS, New York, NY. July 1, 2014.
Constantinescu, G., King, B. & <b>Rieger, J.</b>	Designing a mobile device for swallowing therapy: a systematic and collaborative approach.	10 <sup>th</sup> Annual Spotlight on Research Breakfast at the Glenrose Rehabilitation Hospital, Edmonton, AB. November 1, 2014.
Constantinescu, G., Stroulia, E. & <b>Rieger, J.</b>	A mobile swallowing-therapy device. An interdisciplinary solution for patients with chronic dysphagia.	27 <sup>th</sup> International Symposium on Computer Based Medical Systems (CBMS), New York, NY. July 1, 2014.
<b>Schneider, P.</b> & Rose, A.	Story intervention with children at risk for academic delay.	Narratives and Intervention 2015 Paris, France. June 2015.
Guo, L-Y., <b>Schneider, P.</b> , Cavallari, A. & Steed, K.	How well do we do complex sentence measures differentiate children with and without language impairment? Evidence from a narrative generation task.	Symposium for Research in Child Language Disorders. Madison, WI, USA. June 2015.
<b>Schneider, P.</b> & Hayward, D.	Spontaneous and elicited mental state expression in fictional stories.	International Association for the Study of Child Language. Amsterdam, Netherlands. July 2014.
Conlon, O. *, <b>Volden, J.</b> , Smith, I., Szatmari, P., Bryson, S., Fombonne, E., Mirenda, P., Roberts, W., Vaillancourt, T., Waddell, C., Zwaigenbaum, L., Elsabbagh, M., Georgiades, S., Bennett, T., Duku, E., and the Pathways in ASD Study Team	Gender differences in communication in school-aged children with Autism Spectrum Disorder (ASD): Preliminary results.	International Meeting for Autism Research (IMFAR), Salt Lake City, UT. May 15, 2015.

Author(s)	Title of Paper	Conference
<b>Volden, J.</b> , Dodd, E. *, Engel, K. *, Smith, I., Szatmari, P., Bryson, S., Fombonne, E., Mirenda, P., Roberts, W., Vaillancourt, T., Waddell, C., Zwaigenbaum, L., Bennett, T., Georgiades, S., Duku, E., and the Pathways in ASD Study Team	Beyond sentences: Using the Expression, Reception and Recall Instrument (ERRNI) in school-aged children with autism spectrum disorder.	International Meeting for Autism Research (IMFAR), Salt Lake City, UT. May 15, 2015.
Mitchell, W. * & <b>Volden, J.</b>	Quality of communication in adults with autism spectrum disorder.	International Meeting for Autism Research (IMFAR), Salt Lake City, UT. May 15, 2015.
Allen, S., Smith, I., Duku, E., Vaillancourt, T., Szatmari, P., Bryson, S., Fombonne, E., <b>Volden, J.</b> , Waddell, C., Zwaigenbaum, L., Roberts, W., Mirenda, P., Bennett, T., Elsabbagh, M. & Georgiades, G.	Behavioural pediatrics feeding assessment scale in young children with autism spectrum disorder: Psychometrics and associations with child and parent variables.	International Meeting for Autism Research (IMFAR), Salt Lake City, UT. May 15, 2015.
Zaidman-Zait, A., Duku, E., Mirenda, P., Bennett, T., Szatmari, P., Bryson, S., Fombonne, E., Smith, I., <b>Volden, J.</b> , Vaillancourt, T., Waddell, C., Zwaiggenbaum, L., Elsabbagh, M., Georgiades, S., Thompson, A., and the Pathways in ASD Study Team	Modeling depressive symptoms trajectories among mothers of children with ASD from diagnosis to age 9.	International Meeting for Autism Research (IMFAR), Salt Lake City, UT. May 15, 2015.
Bennett, T., Szatmari, P., Georgiades, K., Hanna, S., Janus, M., Georgiades, S., Duku, E., Bryson, S., Fombonne, E., Smith, I., Mirenda, P., <b>Volden, J.</b> , Waddell, C., Roberts, W., Vaillancourt, T., Zwaigenbaum, L., Elsabbagh, M., Thompson, A., and the Pathways in ASD Study Team	Language impairment and early social competence in preschoolers with autism spectrum disorders: A comparison of DSM-5 profiles.	International Meeting for Autism Research (IMFAR), Salt Lake City, UT. May 15, 2015.

Author(s)	Title of Paper	Conference
Georgiades, S., Duku, E., Szatmari, P., Zwaigenbaum, L., Bryson, S., Bennett, T., AlBalkhi, S., Fombonne, E., Mirenda, P., Smith, I., Elsabbagh, M., Waddell, C., Vaillancourt, T., <b>Volden, J.</b> , Roberta, W., Zaidman-Zait, A., and the Pathways in ASD Study Team	Using temperament traits to identify subgroups of school-aged children with autism spectrum disorder.	International Meeting for Autism Research (IMFAR), Salt Lake City, UT. May 15, 2015.
DiRezze, B., Duku, E., Szatmari, P., Georgiades, S., <b>Volden, J.</b> , Mirenda, P., Smith, I., Bryson, S., Fombonne, E., Roberts, W., Vaillancourt, T., Waddell, C., Zwaigenbaum, L., Bennett, T., Elsabbagh, M., and the Pathways in ASD Study Team	Examining factors associated with trajectories of daily living skills in preschool children with ASD in Canada.	International Meeting for Autism Research (IMFAR), Salt Lake City, UT. May 15, 2015.
Piatt, C.*, Bisanz, J. & <b>Volden, J.</b>	Number-line estimation and mathematical achievement.	Society for Research in Child Development, Philadelphia, PA. March 20, 2015.
Piatt, C.*, Coret, M., <b>Volden, J.</b> , & Bisanz, J.	How children solve number-line estimation problems.	Banff Annual Seminars in Cognitive Sciences, Banff, AB. May 1, 2015.
Mitchell, W.* & <b>Volden, J.</b>	Quality of communication in adults with ASD.	American Speech, Language, Hearing Association Annual Convention, Orlando, FL. November 20, 2014.
<b>Zhang, M.</b>	Concha electrode: Moving recording electrode from inside to outside ear in measuring cochlear microphonic spectrum.	Glenrose Rehabilitation Hospital Research Symposium, Edmonton, AB. October 15, 2014.

## Invited

Author(s)	Title of Paper	Conference
<b>Beal, D.S.</b>	The neurobiology of speech-motor control (Keynote).	Glenrose Rehabilitation Hospital, Alberta Health Services. Edmonton, AB.
<b>Beal, D.S.</b>	The neurobiology of developmental stuttering (Keynote).	Neurolinguistics Conference on the Brain and Language, University of Alberta, Edmonton, AB.
<b>Beal, D.S.</b>	Talking brains: The cortical organization for speech production and the abnormalities associated with developmental speech disorders (invited oral presentation).	University of Alberta Neuroscience and Mental Health Institute Seminar Series, Edmonton, AB. 2015
<b>Campbell, M.</b>	Acoustics of speech reading for individuals who are deaf or hard-of-hearing (invited presentation).	Alberta Speech-Reading Conference/Training Meeting, Edmonton, AB. October 2, 2014.
<b>Cleary, S.</b>	Applying skills and quality practice in Dysphagia Management (Workshop).	Northern Health, Prince George, BC. March 19, 2015.
<b>Cleary, S.</b>	Determining the strategic objectives for 2015/2016 Ice Bucket Challenge Funds (panel participant).	Pan-Canadian ALS Research Forum/Canadian Clinical Trials and Research Network (CALs), Toronto, ON. May 4, 2015.
<b>Charest, M.,</b> Borger, P. *, Chan, C. *, Sanders, K. *, Yip, B*, <b>Schneider, P. &amp; McFarlane, L.</b>	Assessing language at kindergarten age and predicting ongoing risk: Perspectives of clinicians and an update on the evidence (poster).	Annual Conference of the Alberta College of Speech-Language Pathologists and Audiologists, Calgary, AB. November, 2014.
<b>Charest, M.</b>	Language development in the preschool years (In-service presentation).	St. Gabriel's YMCA Childcare Centre, Edmonton, AB. January, 2015.
<b>Charest, M.</b>	Speech and language development in the preschool years (invited oral presentation).	Annual General Meeting of the Michener Park Education Society (University Infant-Toddler Centre), Edmonton, AB. May 2015.
<b>Charest, M.</b>	Lexical effects on children's sentence planning and production (invited presentation).	Department of Linguistics, University of Alberta, Edmonton, AB. February 2015.

<b>Author(s)</b>	<b>Title of Paper</b>	<b>Conference</b>
<b>Charest, M.</b>	Interference effects in children's picture naming (invited oral presentation).	Centre for Comparative Psycholinguistics, University of Alberta, Edmonton, AB. November 2014.
<b>Hodge, M.</b>	Speech outcome measures for young children with severe speech delay (half-day workshop for 12 AHS Community Health SLPs).	Alberta Health Services – Community Health, Edmonton, AB. September 2014.
<b>Hodge, M.</b>	Using bite blocks in speech therapy (one and a half day courses for 10 AHS Community Health SLPs).	Alberta Health Services – Community Health, Edmonton, AB. September & October 2014
<b>Hodge, M.</b>	Let's Start Talking training course (Multiple 2½ day courses distributed over 16 weeks)	Early Childhood Education (Edmonton), Sturgeon County School Division (Morinville), Glenrose Rehabilitation Hospital (Edmonton), Alberta Health Services – Community Health SLPs (Edmonton). November 2014 – June 2015
<b>Hodge, M.</b>	Maximizing the speech ability of preschool children with motor speech disorders (one and a half day workshop presented to 35 SLPs).	Grandview Children's Centre, Oshawa, ON. November 20-21, 2014.
<b>Hodge, M.</b>	Speech probes for young children with severe speech delay (half-day workshop for SLPs and SLPAs).	Black Gold School Division, Nisku, AB. April 8, 2015.
<b>Hodge, M.</b>	Evidence-informed practice for young children with severe speech delay and suspected speech motor learning challenges (two-day workshop for SLPs and SLPAs)	Vancouver Island Health Authority, Parksville, BC. July 23-24, 2015.
<b>Hopper, T.</b>	Communication and dementia (invited oral presentation).	Canadian Dental Hygiene Association Annual Conference, Edmonton, AB. May 2015.
<b>McFarlane, L.</b>	Motivational Interviewing in Health Care Settings (half-day presentation)	Communication Assistance for Youth and Adults, Vancouver, BC. November 2014.
<b>McFarlane, L.</b>	Motivational Interviewing in Educational Settings (2 Day Interprofessional presentation)	Calgary Board of Education, Calgary, AB. February 2015.
<b>McFarlane, L.</b>	Motivational Interviewing in Health Care and Educational Settings (Full-day Interprofessional Presentation)	Northern Health Authority, Smithers, BC. April 2014.

## Service Contributions

<b>Organization</b>	<b>Type of Service</b>
Canadian Institutes of Health Research (CIHR)	Operational Grant Reviewer
Canadian Institutes of Health Research (CIHR)	Grant Reviewer
National Institutes of Health Research (NIH)	Clinical Trials Grant Review
National Institutes of Health Research (NIH)	Panel Member
Canada Research Chair Application	Peer Reviewer for CRC Application
Speech-Language Pathology & Audiology Canada (SAC)	SAC Professional Examination Committee
American Board of Swallowing & Swallowing Disorders	Ongoing peer mentoring provided to SLP's pursuing board certification
Canadian Inter-organizational Steering Group	Chair/Member
National Academic Coordinators of Clinical Education Committee	Lead development
Alberta College of Speech-Language Pathologists & Audiologists (ACLSPA)	Ad Hoc Committee on Professional Considerations in Collaborative Practice
Alberta Health Services – Speech-Language Pathology Provincial Professional Practice Council	Council Member
Alberta Health Services – Outcome Measures in SLP Provincial Working Group	Committee Member
Alberta Health Services – Dementia Strategy Action Plan	Working group member
Alberta Aphasia Camp	Co-Directors
Journal of Speech, Language and Hearing Research	Associate Editor for Child Language
Journal of Applied Physiology	Manuscript Reviewer
Journal of Speech, Language, and Hearing Research	Manuscript Reviewer

<b>Organization</b>	<b>Committee</b>
American Journal of Speech-Language Pathology	Manuscript Reviewer
Journal of Speech, Language, and Hearing Research	Manuscript Reviewer
Language, Speech and Hearing Services in Schools	Manuscript Reviewer
Journal of Child Psychology and Psychiatry	Manuscript Reviewer
Journal of Neuroscience and Rehabilitation	Manuscript Reviewer
Austin Otolaryngology	Manuscript Reviewer
International Journal of Therapies and Rehab Research	Manuscript Reviewer
International Journal of Brain and Cognitive Sciences	Manuscript Reviewer
Acta Acustica United with Acustica	Manuscript Reviewer
Acta Oto-Laryngologica	Manuscript Reviewer
Biological Engineering and Gene Technology	Manuscript Reviewer
BioMedical Engineering OnLine	Manuscript Reviewer
Hearing Research	Manuscript Reviewer
International Journal of Psychology and Behavioural Sciences	Manuscript Reviewer
Journal of Otology & Rhinology	Manuscript Reviewer
Otology & Neurotology	Manuscript Reviewer
Radiology Journal	Manuscript Reviewer
International Journal of Speech-Language Pathology	Manuscript Reviewer
Human Brain Mapping Conference	Conference Abstract Reviewer
American Speech-Language Hearing Association (ASHA)	Convention Abstract Peer Review

<b>Organization</b>	<b>Committee</b>
The City University of New York (CUNY)	External Thesis Examiner
Help! Save Stan – Interprofessional Health Care Simulation	Simulation Developer and Facilitator



## Clinical Education

For the 2015 calendar year (January 01 to December 31, 2015), a total of 363 placements were coordinated through the office of the Academic Coordinator of Clinical Education (ACCE). Students completed placements at a variety of locations within and outside of Alberta, including 2 international placements. We also hosted two students from Curtin University, Perth Australia as part of our clinical exchange agreement.

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)	195
Adult	166
Mixed (Adult & Pediatric)	2
<b>Total:</b>	<b>363</b>

A breakdown of placements by setting is presented below:

Population	Number of Placements
Community Health Centers/Schools	105
Early Education/Child Development Centers	9
Community Rehabilitation	44
Hospitals (Rehabilitation and Acute)	83
Corbett Clinic	113
Institute for Stuttering Treatment and Research	9
<b>Total:</b>	<b>363</b>

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

Individualized clinical education sessions were offered during the year 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 registered speech-language pathologists. This 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 2015 calendar year Corbett Clinic provided 113 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 14 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:

- It was a successful year for our program children. By the end of the school year 3 of 6 children moving on to another program no longer presented with a severe developmental delay on standardized assessment. In addition, substantial progress was observed in Individual Program Plan objectives.
- Program staff provided 27 – 3 hour group school visits for families, again targeting individual goals of children as well as providing families the opportunity for group interaction and network building.
- Our program staff spent ample time supporting families exiting the program to facilitate a positive transition and ensure the best possible supports available in their new program. This included provision of a transition package, touring school/program options with parents, providing a transition visit for several children, facilitating observations of 2 children in the classroom and follow-up meeting for receiving school staff, inclusion of receiving school staff at 2 year end meetings, and provision of ‘tips for successful transition’ for receiving schools for 3 children with complex needs.
- Parents of both program children and community children were provided with an evaluation in June, 2015 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. 8/20 surveys were returned and parents were 99.75% satisfied overall.
- The program was full for the 2015-16 school year with 8 returning and 6 new program children. One student withdrew after attending the program for a couple weeks; parents determined they could not manage the transportation and registered the child in another EEP which was able to offer busing. We are working with referral sources to fill the vacant position as quickly as possible to minimize loss of funding from Alberta Education.
- The most recent provincial budget led to no increase or decrease in funding rates for 2015-16 for private ECS operators. Salaries for academic staff are not finalized as an agreement has not yet been reached at the U of A. A preliminary budget has been devised.

## Clinical Placement List

Clinical Placement Site	
Alberta Children's Hospital	AHS Calgary Zone
Community Accessible Rehab	AHS Calgary Zone
Community Health Services	AHS Calgary Zone
Foothills Hospital	AHS Calgary Zone
HomeCare	AHS Calgary Zone
Okotoks	AHS Calgary Zone
Peter Lougheed Centre	AHS Calgary Zone
Sheldon Chumir Hospital	AHS Calgary Zone
South Health Campus	AHS Calgary Zone
Centennial Centre for Brain Injury	AHS Central Zone
Community Health Services	AHS Central Zone
Red Deer Regional Hospital	AHS Central Zone
Community Health Services	AHS Edmonton Zone
Community Rehabilitation Interdisciplinary Services	AHS Edmonton Zone
Facility Living	AHS Edmonton Zone
Glenrose Rehabilitation Hospital	AHS Edmonton Zone
Royal Alexandra Hospital	AHS Edmonton Zone
University of Alberta Hospital	AHS Edmonton Zone
Community Health Services	AHS North Zone
Chinook Regional Hospital	AHS South Zone
Community Health Services	AHS South Zone
Medicine Hat Regional Hospital	AHS South Zone
Dr. Vernon Fanning Centre	Alberta - Carewest
Grey Nuns Hospital	Alberta – Covenant Health
Misericordia Hospital	Alberta – Covenant Health
Villa Marie	Alberta – Covenant Health
ARBI	Alberta – Other Health

<b>Clinical Placement Site</b>	
Corbett Hall Early Education Program	Alberta – Other Health
Institute for Stuttering Treatment & Research	Alberta – Other Health
Edmonton Catholic School District	Alberta – Schools
Edmonton Public School District	Alberta - Schools
Private/Independent	Alberta - Schools
Renfrew Educational Services	Alberta - Schools
St. Albert District School Board	Alberta - Schools
Abbotsford School District 34	British Columbia
Chilliwack Hospital	British Columbia
Community Health Services	British Columbia
Fraser Valley Childhood	British Columbia
Greater Victoria School District 61	British Columbia
Kelowna General Hospital	British Columbia
Langley Public Health Unit	British Columbia
Langley School District 35	British Columbia
Okanagan School District 67	British Columbia
Queen Alexandra Centre for Children's Health	British Columbia
Surrey M Hospital	British Columbia
Terrace Child Development Centre	British Columbia
Autism Association	International – Australia
Bethesda Hospital	Manitoba
Portage District General Hospital	Manitoba
Society for Manitobans with Disabilities	Manitoba
St. Boniface Hospital	Manitoba
St. James Assiniboia School District	Manitoba
Janeway Children's Health & Rehabilitation Centre	Newfoundland
L.A. Miller Centre	Newfoundland
Newfoundland Eastern School District	Newfoundland

<b>Clinical Placement Site</b>	
Stanton Yellowknife Hospital	Northwest Territories
1to1 Rehab	Ontario
Community Health Services	Saskatchewan
Greater Saskatoon Catholic Schools	Saskatchewan
Horizon School District	Saskatchewan
Kinsmen Children's Centre	Saskatchewan
Prairie Valley School District	Saskatchewan
Regina General Hospital	Saskatchewan
Royal University Hospital	Saskatchewan
Saskatoon City Hospital	Saskatchewan
St. Paul's Hospital	Saskatchewan

# 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 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 2014-5*

REHAB 553: Linguistic and Cultural Plurality Issues in the Francophone Context – 3 students registered; 1 withdrew due to illness (May-June 2015)

REHAB 551: Speech Development, Assessment and Treatment Considerations in the Francophone Context – 7 students (August 2015)

Total Francophone Certificate Graduates in 2014-15: 5



Health  
Canada Santé  
Canada





## Student Research

### Thesis Completed 2014 – 2015

Student Name	Supervisor(s)	Thesis Title
Lindsay, A.	Langevin, M.	Client's Experiences with, and Perceptions of, Psychological Counseling to Augment Stuttering Therapy
Malli, C.	Kim, E.	The impact of computer-based cognitive treatment on language skills in an individual with aphasia.

### CSD900 Projects Completed 2014 – 2015

Student Name	Supervisor(s)	Project Title
Babar, A., Baird, S., Lang, B. & Juvik, E.	Schneider, P.	Children's Expression of Emotional and Cognitive Mental States in their Story Generation from Pictures
Baines, C., Frigon, P. & Ritz, R.	Pollock, K.	Listener perceptions and acoustic characteristics of children's rhotic vowels
Beckett, L., Benetti, S., Bruder, A., Garrett- Petts, S., Pranjivan, T. & Weran, P.	Paslawsk, T.	EPL Resource Brochure for Adults with Neurological Communication Disorders
Bihis, S., & Freeman, A.	Campbell, M.	What are the evidence-based best practices for supporting elementary-aged children with minimal, mild and moderate hearing impairment in school programs?
Boden, C., Gould, L. & Juvik, E.	Kim, E.	Creating a Framework for the First Alberta Aphasia Camp: Literature Review, Interview Results, Logistical Research, and Insights from a Visit to the Aphasia Camp Northwest
Boduch, M., Miltenburg, A., Haggerty, A. & Stewart, A.	Boliek, C.	The Effects of Intensive Expiratory Muscle Strength Training (EMST) on Respiratory and Speech Function in Adults with Cerebral Palsy: A Case Study
Borys, L., DesJarlais, J., Sample, G. & Wilson, M.	McFarlane, L.	The iPad as a Clinical Tool in Speech-Language Pathology: Clinician Perspectives
Cameron, B. & Henderson, R.	Beal, D.	A review of the lifetime trajectories of cortical development and how they may differ in people who stutter
Clover, J. & Goerz, N.	Pollock, K.	Language, Academic, and Social Skills in School-Age Children Adopted from China as Infants/Toddlers

<b>Student Name</b>	<b>Supervisor(s)</b>	<b>Project Title</b>
Colburn, N., LaMothe, J., Leenheer, A. & Mueller, L.	McFarlane, L.	Resource Development for Clinical Use of the ipad as a Tool for Speech-Language Pathology.
Conrad, M., & Duby, B., Lysay, K. & Smith, K.	Volden, J.	Exploring Pragmatic Language Dysfunction in High Functioning Speakers with Autism Spectrum Disorder: A Reliability Study for Transcription using Systematic Analysis of Language Transcripts
Evans, B. & Farnard, A.	Cook, A. & Adams, K.	Parent Activities: Development of Children's Cognitive Skills using Robots
Funk, V., Scherz, D. & Thompson, P.	Volden, J.	Reliability of the Pragmatic Rating Scale in High Functioning Adults with Autism Spectrum Disorder
Huettmeyer, F. & Malysa, C.	Zhang, M.	Using the International Classification of Functioning, Disability and Health (ICF) model to gain insight into the impact of cochlear implants on prelingually deafened recipients
Kaskiw, T., Robinson, D. & Simison, S.	Cleary, S.	Alternate Airway Clearance Techniques in Healthy Adults: A Normative Database
Mitchell, S. & Treen J.	Rieger, J.	Predictive Variables for Academic and Clinical Success in Speech-Language Pathology
Pittoors, Dana	Volden, J.	The Intensity of Services Delivered to Preschool Children with Autism Spectrum Disorder in the Edmonton Area.
Soriano, A. & Yuen, A.	Cook, A. & Adams, K.	Assessment of Child Language during Play with and without Robots.

## Events 2014 – 2015

### OASIS Conference

The annual Organization of Alberta Students in Speech (OASIS) conference was held on Saturday, September 27th, 2014. The theme of the conference was "Oh the Places You'll Go", and brought in speakers and booths that pertained to various areas that speech-language pathologists can find work in. These ranged from transgender voice therapy and singing therapy for adults with Parkinson's Disease, to selective mutism, neonatal swallowing, and how to succeed when applying to the Communication Sciences and Disorders program at the University of Alberta. Over 150 graduate students, undergraduate students, and professors attended the conference, making the event a huge success!



OASIS Conference Committee 2014

## Corbett Carnival

The Corbett Carnival that took place July 18, 2015, was a huge success! Students were able to use the lawn and had a bunch of fun activity stations that were constantly being visited (games, a photo booth, face-painting, etc.). There was a little stage set up in the middle for a puppet show put on by two of the talented MScSLP 2016 class members, and then later on 5 of their class members got a whip-cream pie in the face (delivered by a client). It is estimated that 30-40 clients attended (not counting family members) and 53/57 of the MScSLP 2016 class was able to attend the event as well. About 6 adult clients were included in that count as well. The Carnival Committee really outdid themselves!





## **Alberta Aphasia Camp – September 12-14, 2014**



On a beautiful fall weekend in September, the inaugural Alberta Aphasia Camp was held at the YoWoChAs Outdoor Education Centre on the shores of Lake Wabamun, about 80km west of Edmonton. The purpose of this camp was to provide a venue for people with aphasia and their care partners to 1) engage in recreational and therapeutic activities in an environment where communication was supported; and 2) share their experiences with others facing similar situations. A secondary purpose was to provide an experiential learning opportunity for students in the MSc-SLP program at the University of Alberta's Department of

Communication Disorders and Sciences to engage in the provision of activity/participation-based therapy. This camp has taken several years of planning in order for it to come to fruition.

Campers consisted of 16 people with aphasia (PWA) and 12 care partners (CPs). The camp was supported by a core team of 3 speech-language pathologists (Esther Kim and Andrea Ruelling from the Dept. of CSD, Rhonda Kajner from Alberta Health Services), and 7 SLP students who served as the main organizers for the camp. This core team was also supported by 1 Conductive Educator from March of Dimes Canada (Abigail Payne), and 3 staff from the YoWoChAs Outdoor education centre. In addition to the core team, 21 MSc-SLP students served as volunteers throughout the weekend. Their primary role was to act as facilitators throughout the weekend, supporting communication for people with aphasia, allowing them to participate in a variety of activities.

Campers participated in various activities, including guided hike, canoeing, low ropes, high ropes/swing by choice, indoor cards/games, outdoor games, arts & crafts, and yoga.

Therapeutic sessions were also held for PWA and their Care Partners.

At the end of the Camp, all participants and volunteers came together for a drum circle. This was an incredibly moving experience. The drum circle leader spoke of each person's "voice" and said that everyone has a valuable voice and the world would be different if someone did not use theirs (he related this back to the different drums and percussive instruments he brought). It reminded everyone that even though their voice might be different now, and for some, they might not have a physical voice, they are still able to communicate and what they have to tell the world is important.



***Feedback from a Camper (care partner who attended with her mother).***

“I just wanted to personally thank you, and all of the amazing volunteers for doing the Aphasia Camp. My Mom and I had a fantastic time. It was so great to watch her do things she does not get to do. But mostly it was the accepting environment that you all created. Mom felt comfortable with everyone and made to feel a part of something with no judgment. All of the volunteers went above and beyond, and I just cannot tell you what a lasting impression they all made. From the bottom of my heart. Thank you”

***Feedback from a student volunteer.***

“I wanted to thank you for organizing such an amazing weekend and for allowing your students to be a part of it. There are some things that cannot be taught in a classroom or read in a book. This experience reminded me, once again, how lucky I am to be entering a profession that will allow me to work with such incredible clients, care partners and colleagues. Thank you again, I look forward to seeing the Alberta Aphasia Camp grow and expand in the future!”

***Future Plans.*** Planning is underway for the 2015 Alberta Aphasia Camp, which will expand to include about 40 campers. We are also in discussion with other departments within the Faculty of Rehabilitation Medicine (Physical Therapy, Occupational Therapy) to have student volunteers from these departments attend for a truly interdisciplinary experience. Eventually we will look to alternate the camp between southern Alberta (Calgary area) and northern Alberta (Edmonton area) to truly make the camp accessible to individuals with aphasia throughout the province.



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# Admissions and Convocation

## Summary of Admission Statistics for September 2014

Enrollment September 2014:

- 57 students admitted to the MScSLP (course-based) program
- 54 females, 3 males
- 26 Alberta residents, 29 out of province

## Convocation 2014-2015 Professional Practice Entry-Level MScSLP (Course-Based & Thesis) Programs November 2014 & June 2015 (n = 54)

Babar, Aseea  
Baines, Crystal Katherine  
Baird, Shelby Leigh  
Beckett, Laura Kathryn  
Benetti, Sarah Catherine  
Bihis, Shantelle  
Boden, Candice Mary  
Boduch, Megan Sarah  
Borys, Lacey Desiree  
Bruder, Ann  
Cameron, Brodie Donald  
Clover, Jennifer Lynn  
Colburn, Niah Erin  
Conrad, Megan Mary  
DesJarlais, Jamie Lee  
Duby, Brandis Barbara Lee  
Evans, Brittany Faith  
Farnand, Allison Mary Lillian  
Freeman, Alicia

Frigon, Paula Blanche  
Funk, Vanessa Luann  
Garrett-Petts, Samantha Margaret  
Goerz, Naomi Catherine  
Gould, Liam Thomas  
Haggerty, Anne Mary  
Henderson, Khara Rhaeling  
Huettmeyer, Fiona Elizabeth  
Juvik, Emily FitzGerald  
Kaskiw, Terra Lindsay  
LaMothe, Joseph Marcel  
Lang, Bretton Lindsay  
Leenheer, Amy Elise  
Lindsay, Alanna Marie  
Lysay, Katryna Magdalena  
Malli, Caitlin  
Malysa, Chantal Patricia  
Miltenburg, Amanda Leigh

Mitchell, Samantha Micheala  
Mueller, Lacey LaDawn  
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Sample, Gregory Philip  
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Smith, Kalista Storm  
Soriano, Adrielle Velasco  
Stewart, Ande Dawn  
Thompson, Pamela Dawn  
Treen, Jana May  
Weran, Pamela Ann  
Wilson, Melissa  
Yuen, Amanda Wing-Yue