

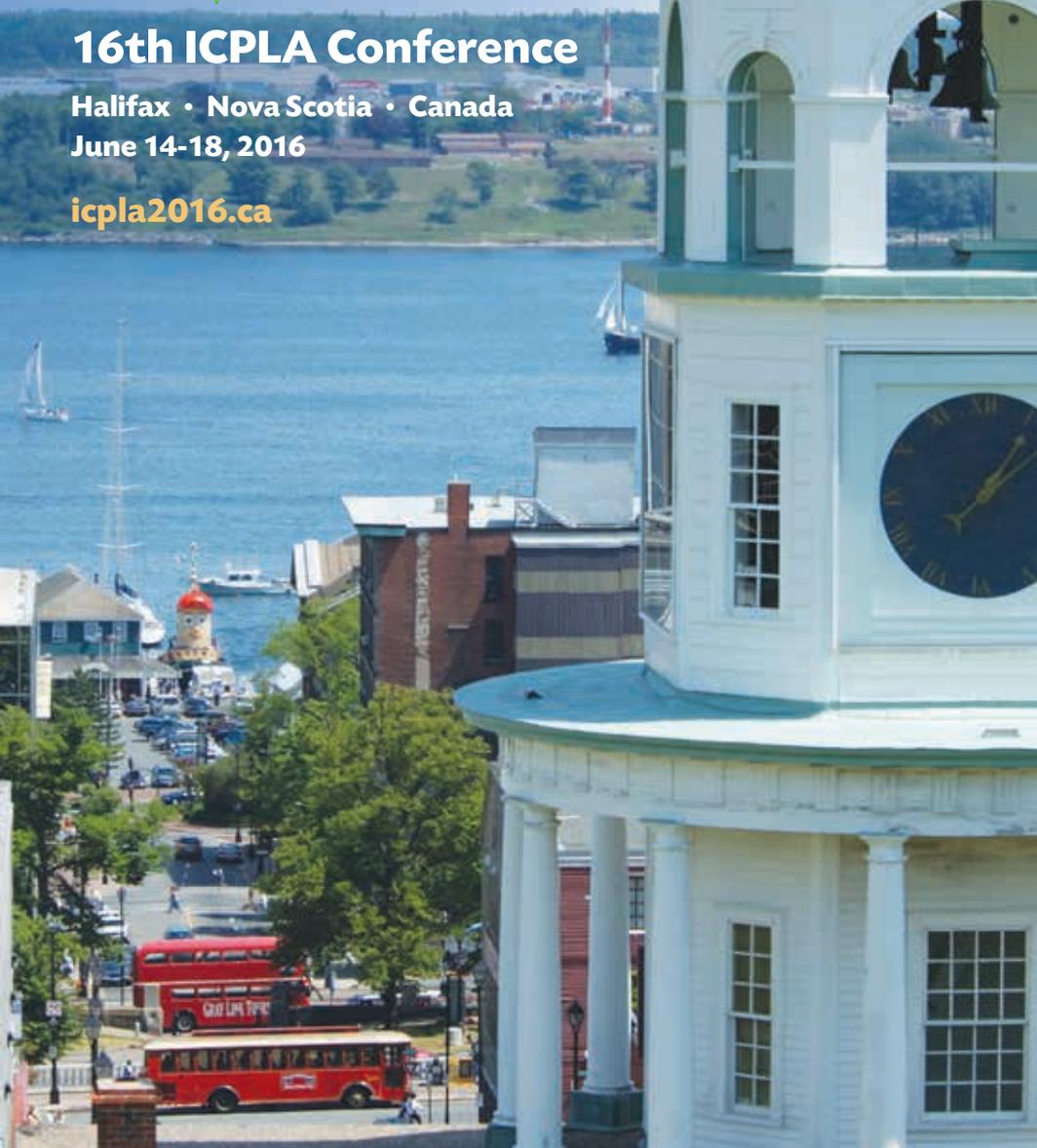


16th ICPLA Conference

Halifax • Nova Scotia • Canada

June 14-18, 2016

icpla2016.ca





International Clinical Phonetics and Linguistics Association Conference

WELCOME LETTER

FROM THE PRESIDENT OF ICPLA

On behalf of the International Clinical Phonetics and Linguistics Association, I am proud and delighted to welcome you to this 16th meeting of ICPLA in Halifax. Our thanks go to the Organising Committee who have been planning and working with this meeting for more than a year and ended up with a really exciting programme.

The presentations—including plenary sessions, panels, oral and poster presentations as well as interesting pre-conference tutorials—together cover a wide variety of topics in atypical speech and language processing, in children and in adults, across a wide range of languages, addressing theoretical and more practical and technical issues. This way, ICPLA 16 becomes the important meeting place it is supposed to be—where theory and practice can meet in a fruitful way.

In addition to the academic programme, the organisers have given room for some great social events, giving us a possibility to enjoy what Halifax has to offer, as well as opportunities to meet old and new friends and colleagues.

Let us all enjoy the conference!

Hanne Gram Simonsen

CONFERENCE COMMITTEE

Conference Chair Michael Kiefte

Programme Chair Patricia Cleave

Organizing Committee Joy Armson Aaron Newman
 Elissa Asp Lauren Petley
 Patricia Cleave Bonita Squires
 Elizabeth Kay-Raining Bird Kaitlyn Tagarelli
 Michael Kiefte

Programme Committee Patricia Cleave
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International Advisors

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Canada	Joy Armson		Erin Sparks
	Elissa Asp		Bonita Squires
	B. May Bernhardt		Kaitlyn Tagarelli
	Sonya Bird		Elin Thordardottir
	Valter Ciocca		Natacha Trudeau
	Patrica Cleave		Pascal van Lieshout
	Luc De Nil		Joanne Volden
	Jessica de Villiers		Yana Yunusova
	Elizabeth Fitzpatrick	Ireland	Fiona Gibbon
	Laura Gonnerman	Netherlands	Roel Jonkers
	Elizabeth Kay-Raining Bird	Norway	Hanne Gram Simonsen
	Micheal Kiefte	Sweden	Martin Ball
	Pascal Lefebvre		Inger Lundeberg Hammarström
	Kyle Levesque		Anita McAllister
	Andrea MacLeod		Nicole Muller
	Elina Mainela-Arnold		Ellika Schalling
	Catherine Mimeau	United Kingdom	Anne Hesketh
	Aaron Newman		Mick Perkins
	J. B. Orange	United States	Jessica Cox
	Linda Polka		Angela Granese
	Karen Pollock		Sarah Grey
	Elizabeth Rochon		Phillip Hamrick
	Yvan Rose		Julie Lake
	Susan Rvachew		Jill Morford
	Phyllis Schneider		Emily Prud'hommeaux

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FROM THE ICPLA ORGANIZING COMMITTEE

On behalf of the Conference Organizing Committee, it is my great pleasure to welcome you to the 16th International Clinical Phonetics and Linguistics Association Conference. We have an exciting programme covering a wide range of topics and featuring plenary talks by Ellen Bialystok, Ingrid Johnsrude, Sally Rice, and Janet F. Werker, along with many other distinguished basic and clinical scientists in the field of language, speech and communication.

This conference is being held in Halifax, Atlantic Canada's entertainment and cultural capital. Sessions will take place in the newly constructed Collaborative Health Education Building (CHEB), ideally located in the centre of the city and a very short distance from the Halifax Public Gardens. The CHEB is also just a 15-minute walk from the waterfront boardwalk which features numerous restaurants and views. The banquet on Thursday evening will take place at Murphy's the Cable Wharf, also on the waterfront. Both the Lord Nelson Hotel and the Dalhousie student residences are also just a few minutes away from the conference site.

While you are in the city, we hope you can enjoy some of the sights and activities Halifax has to offer. Stroll along the waterfront or in the Public Gardens, visit the Halifax Citadel National Historic Site or the Maritime Museum of the Atlantic, or sample the products of one of Halifax's many breweries. For those wishing to see more of Nova Scotia outside the city, you can arrange to visit Peggy's Cove on the South Shore or venture even further to the Cape Breton Highlands, the Annapolis Valley, or the Bay of Fundy.

I would like to thank the Organizing and Programme Committees as well as our many volunteers for the hard work and dedication required to plan the conference.

Michael Kieft
Chair, Organizing Committee

GENERAL CONFERENCE INFORMATION

WELCOME! BIENVENUE!

Registration and Information Desk

The 16th ICPLA Registration and Information Desk is located on the main floor of the Collaborative Health Education Building in the Lobby outside C170. When you first come to the conference, please check in with the registration desk to pick up your badge and conference materials. We encourage you to use the resources of our registration team who can answer questions about the conference and the city. We will do our best to ensure your experience at ICPLA 2016 is smooth and memorable.

Registration and Information Desk Hours

Wednesday, June 15: 2:00pm–6:00pm

Thursday, June 16: 8:00am–5:00pm

Friday, June 17: 8:00am–6:00pm

ASHA CEUs

If you wish to earn ASHA CEUs at ICPLA, you can ask for a Continuing Education Record at the Registration Desk. Return the form to the Registration Desk before leaving the conference.

Name Badges

Conference registrants must wear name badges to gain access to all conference activities. Should you misplace your name badge, please request your replacement at the Registration Desk. Badge ribbons help identify the Organizing Committee, conference volunteers, and session chairs.

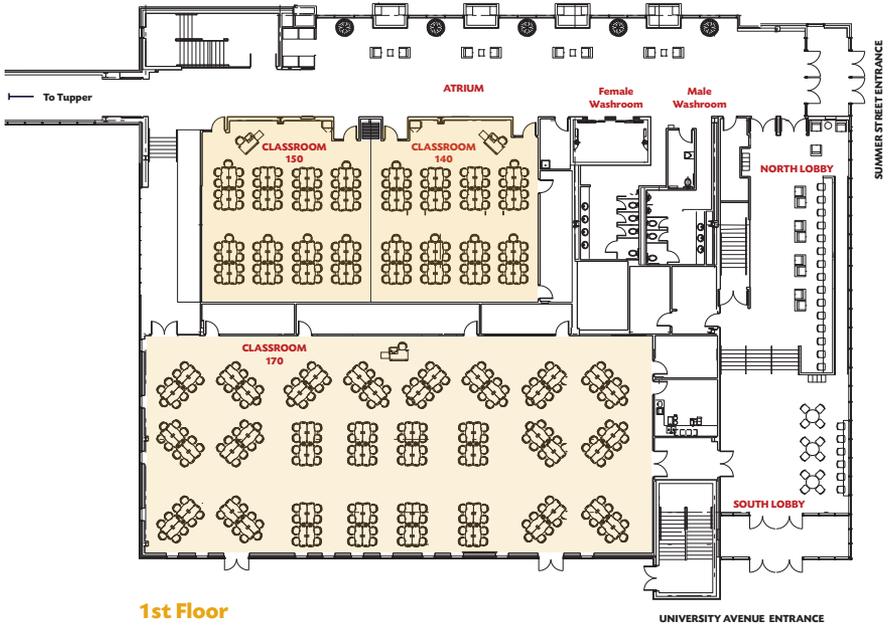
Conference Programme Venue



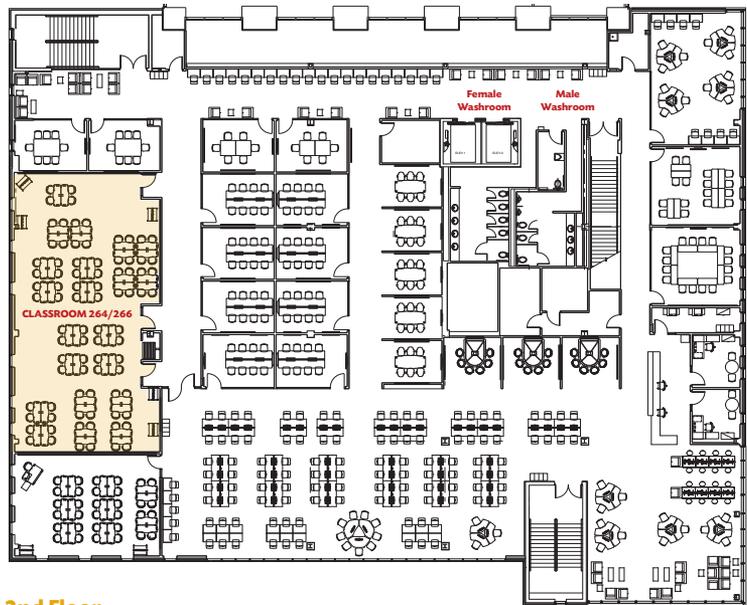
All plenary lectures, oral sessions, and posters will be held at the Collaborate Health Education Building (CHEB) at the corner of University Ave. and Summer St. in downtown Halifax. A floor plan of the CHEB is shown on next page for your reference.

There will be one social event hosted outside of the CHEB on Thursday evening: The Conference Banquet will be held at Murphy's the Cable Wharf at 1751 Lower Water St. Murphy's is approximately a 22-minute walk from the CHEB along Spring Garden Rd./Salter St./Lower Water St. or a short cab ride away. City buses are also available—please consult Halifax Transit or Google Maps.

Collaborative Health Education Building



1st Floor



2nd Floor

Wi-Fi/Wireless Access

Eduroam lets people from other higher education institutions get Internet access at Dalhousie University (www.eduroam.org). In general, you must connect your device to Eduroam at your home institution before coming to Halifax in order to use it at Dalhousie University. Once you have done that, connecting to the network is automatic.

If that option is not available to you, contact the volunteers at the Information and Registration desk.

Message Board and Social Media

A message board will be set up near the Registration Desk. We encourage you to check the board daily for messages, job postings, and programme announcements.

Please also check our ICPLA Facebook page and Twitter account (@ICPLA2016) for up-to-the-minute updates and news about the conference. We encourage you to share your experiences about the conference and Halifax using the hashtag #ICPLA2016.

Local Transportation (Bus, Ferry, Taxi)

Halifax is very pedestrian friendly, with most parts of the peninsula accessible within 30 minutes on foot. The downtown area and waterfront, as well as several parks and green spaces, are within a 15-minute walk of the conference location or hotel.

Halifax Transit offers bus services around the city and also operates a ferry service between Halifax and Dartmouth. Metro Transit, including fares for the ferry service, are \$2.50 for one way fare. You can purchase 10 tickets (great for sharing) for \$20 at Lawtons at 5991 Spring Garden Rd. Taxis are also readily available, with stands located outside of most hotels.

The Lord Nelson Hotel offers a limousine service to guests of the hotel for travel within the downtown Halifax core. The service can either be pre-booked by contacting limo.services@lordnelsonhotel.com or requested at the front desk.

Information for Travellers

Halifax Stanfield International Airport is Atlantic Canada's centre for domestic, regional, and international flight service. The Lord Nelson Hotel offers limousine service from the airport for guests of the Hotel for \$55—call the Hotel directly at 1-800-565-2020 or 902-423-6331 to reserve. Several car-rental companies operate at the Airport (<http://hica.ca/transportation/car-rentals/>). If you are renting a car and driving from the airport, please note that **the McDonald Bridge between Halifax and Dartmouth is closed Sunday through Thursday from 7:00pm to 5:30am** for some fairly radical upgrades.

At those times, you should use the McKay Bridge instead. Taxi service is roughly \$63 one-way and taxis are frequently parked just outside the arrivals area. For \$22 (\$40 return-trip), there is a shuttle from the Airport to the Lord Nelson Hotel (<http://maritimebus.com/halifax-airport-shuttle/>) and you can buy a ticket close to the arrivals exit. There is also a public-transit bus (Route 320) operated by Halifax Transit that operates once every hour or half hour and is available just across the passenger pick-up area close to the arrivals area. Fares are \$3.50 one-way and the ride takes approximately 1 hour 15 min and does require a transfer at Duke St. in Halifax. Routing information on Halifax public transit is available on Google Maps.

Weather

Halifax has a humid maritime climate and experiences few extremes in temperature. The average high temperature in mid June is 20°C with the low dropping to 11°C at night. It is difficult to predict precipitation.



Halifax Attractions

Experience some of Halifax's historical and natural attractions during your stay. Don't be afraid to venture outside of Halifax—Nova Scotia has much to offer. Here are just a few attractions and activities:

Halifax's Downtown Waterfront Boardwalk: Hugging the harbour for 10 city blocks from Pier 21 to Casino Nova Scotia, the boardwalk follows the water's edge past shops, restaurants, attractions and the Historic Properties district.

Halifax Citadel National Historic Site: Home to the 78th Highland Regiment, Halifax's fortress has stood watch over the city since the mid-1800s.

Maritime Museum of the Atlantic: Immerse yourself in Nova Scotia's rich maritime heritage whose captivating highlights include exhibits on the Halifax Explosion, Titanic and CSS Acadia.

Halifax Public Gardens: Designated a National Historic Site of Canada, these formal Victorian gardens filled with winding pathways, fountains, and flowerbeds, create a 17-acre oasis in the heart of the city.

Pier 21: Houses the Canadian Museum of Immigration shows visitors what it was like to immigrate to Canada between 1928 and 1971 across the Atlantic.

Point Pleasant Park: a large forested park at the southern tip of Halifax that is a popular recreational spot for Haligonians. It hosts several defensive batteries and the oldest Martello tower in North America.

Alderney Ferry: the oldest saltwater ferry service in North America. The upper deck offers a panoramic view of Halifax. After your trip, explore downtown Dartmouth or take a stroll along the Trans Canada Trail to Woodside.



Wednesday, June 15 6:00pm

Welcome Reception sponsored by Saint Mary's University
Main Lobby, CHEB

Please join us for the opening welcome reception following the opening plenary session. This will be a great chance to catch-up with old friends, make some new ones and get ready for the conference ahead. Hors d'oeuvres and drinks will be served.

Thursday, June 16

Banquet Dinner and Harbour Cruise 5:45pm
Murphy's the Cable Wharf

The Maritimes of Canada has had a strong connection to the sea so the banquet for the 16th ICPLA conference will start on the Halifax harbour. We invite you on a short cruise to view the shoreline and islands around Halifax followed by a lobster dinner with wine and cash bar. (For those hesitant to trying the lobster, a chicken or vegetarian/gluten-free option will be offered as an alternate choice—please contact the organizers beforehand if you wish to be served one of these alternatives.)

Arrive at Murphy's at 5:45pm at the latest to board the Harbour Queen I, a large sternwheeler with two decks. If you feel uneasy about boats, dinner at Murphy's will be served when the Harbour Queen returns at 7:30pm.

The banquet is included with your registration and tickets will be included in your registration package which you pick up at the Registration desk when you arrive at the Conference. Please bring your tickets with you to the banquet.

SPONSORS



PLENARY SPEAKERS

Ellen Bialystok, PhD (York University)



Ellen Bialystok is a Distinguished Research Professor of Psychology at York University and Associate Scientist at the Rotman Research Institute of the Baycrest Centre for Geriatric Care. She obtained her PhD in 1976 from the University of Toronto specializing in cognitive and language development in children. Her current research focuses on the effect of bilingualism on language and cognition across the

lifespan showing modification in cognitive systems from this experience. Her research uses both behavioral and neuroimaging methods and examines participants who are children, younger or older adults, as well as patients. She has published extensively in the form of books, scientific articles, and book chapters. She is a fellow of the Royal Society of Canada and among her awards are the Canadian Society for Brain Behaviour and Cognitive Science Hebb Award (2011), Killam Prize for the Social Sciences (2010), York University President's Research Award of Merit (2009), Donald T. Stuss Award for Research Excellence at the Baycrest Geriatric Centre (2005), Dean's Award for Outstanding Research (2002), Killam Research Fellowship (2001), and the Walter Gordon Research Fellowship (1999).

Ingrid Johnsrude, PhD (Western University)



Ingrid Johnsrude obtained a BSc from Queen's University and a PhD in clinical psychology (neuropsychology) from McGill University in 1997, where her supervisor was Prof. Brenda Milner. Following a two-year postdoctoral fellowship at University College London (UK), she was recruited to the Medical Research Council's Cognition and Brain Sciences Unit in Cambridge (UK). In

2004 she moved (back) to Queen's University, where she was appointed Canada Research Chair (Tier II) in Cognitive Neuroscience and established the Cognitive Neuroscience of Communication and Hearing (CoNCH) lab. She and her lab moved to Western University in 2014, where she is now Western Research Chair and full professor. Ingrid and her trainees use behavioural and neuroimaging methods to study the processes by which acoustic information in sound is transformed in the brain into meaningful language, in both young and older individuals. In 2009 she received the prestigious E.W.R Steacie Memorial Fellowship from NSERC. She has authored or co-authored 97 published peer-reviewed research articles, 1 textbook, 2 encyclopedia entries, and 11 book chapters. She has an h-index of 35, and her research contributions have been cited over 9,000 times.

Sally Rice, PhD (University of Alberta)



Sally Rice is Professor in the Department of Linguistics at the University of Alberta. Her research and publication record spans multiple sub-disciplines, including lexical semantics, comparative Athapaskan, endangered language pedagogy, corpus linguistics, and multimodality in language. She teaches in the areas of syntax/ semantics, language documentation, and cognitive linguistics.

She conducts fieldwork on Dene Sų́líné and Tsuut’ína, two northern Athapaskan languages spoken in Alberta, and has been an active proponent and practitioner of community-university research alliances. To that end, she was a co-founder in 2001 of the Canadian Indigenous Languages and Literacy Development Institute (CILLDI), an annual summer school for speakers of indigenous languages that trains community language activists in linguistic analysis, language pedagogy, and revitalization project development and advocacy. In 2007, she developed a provincially accredited Community Linguist Certificate, which has now seen nearly 100 graduates from across Canada. She has had the privilege of teaching and learning from speakers of over 25 indigenous languages of North America. She is currently working towards the development of a national archive for Indigenous languages, so that language data can be safely preserved and repurposed for the future generations of speakers and learners.

Janet F. Werker, PhD (University of British Columbia)



Dr. Janet F. Werker is Professor and Canada Research Chair in the Department of Psychology at the University of British Columbia. Werker is internationally recognized for her research investigating the perceptual foundations of language acquisition in both monolingual and bilingual learning infants. Her over 150 papers and chapters have appeared in prestigious journals including *Science*,

Nature, *Nature Communications*, *Trends in Cognitive Sciences*, *Proceedings of the National Academy of Sciences*, *Journal of Neuroscience*, *Psychological Science*, and *Cognition* as well as in the premier journals in developmental psychology, language, and perception. Her awards include, the Killam Research Prize, the UBC Alumni Prize in Social Sciences, the Jacob Bielely Prize (UBC’s premier research prize), and the Anne L. Brown Award in Developmental Psychology. She is a Fellow of the Canadian Institutes for Advanced Research, the Royal Society of Canada, the Canadian Psychological Association, The American Psychological Society, the Cognitive Science Society, the American Association for the Advancement of Science, and the American Academy of Arts and Sciences. Her research is funded by NSERC, SSHRC, and CIFAR in Canada, and by the NIH in the U.S. Previous funding sources include the Human Frontiers Science Program, the James S. McDonnell Foundation, and NTT Laboratories.

PRE-CONFERENCE WORKSHOPS

The 16th ICPLA conference in Halifax, Nova Scotia, Canada will include preconference tutorials on Tuesday June 14, 2016. The aim of the tutorials is to give participants the opportunity to familiarize themselves with particular methodological developments in the field and/or to gain more advanced insights.

Each tutorial will offer both introductory and more advanced sessions, to take place during the morning and afternoon, respectively.

CHILDES tutorials (Brian MacWhinney)

Morning: Introduction to CLAN and the CHILDES database

- Installing CLAN
- Downloading materials from the web
- Transcription and linkage
- Running basic analysis program

Afternoon: Advanced CLAN tutorial

- Morphosyntactic analysis with MOR
- Grammatical analysis with GRASP
- IPSyn, DSS, VocD, and MATTR
- Batch analysis with EVAL and KIDEVAL
- Linkage to Phon and Praat

PhonBank tutorials (Yvan Rose)

Morning: Introduction to Phon

- General overview and basic workflow
- Media linkage and segmentation
- Orthographic and phonetic transcription
- Basic queries and assessments

Afternoon: Advanced Phon functions

- TextGrid generation
- Acoustic measurement
- Advanced queries and assessments

For more information, contact info@icpla2016.ca. If you would like to receive updates on the ICPLA conference or pre-conference workshops, send a message with the subject "Subscribe" to subscribe@icpla2016.ca.

PROGRAMME SCHEDULE

Tuesday, June 14

- 9:00am–12:00pm **Introduction to CLAN and CHILDES database**
Brian MacWhinney
McCain 2018
- 9:00am–12:00pm **Introduction to Phon**
Yvan Rose
McCain 2019
- 12:00pm–1:00pm **Lunch Break**
CHEB Lobby
- 1:00pm–4:00pm **Advanced CLAN tutorial**
Brian MacWhinney
McCain 2018
- 1:00pm–4:00pm **Advanced Phon functions**
Yvan Rose
McCain 2019

Wednesday, June 15

- 2:00pm–6:00pm **Registration**
CHEB Lobby
- 4:30pm–5:00pm **Opening Remarks**
CHEB 170
- 5:00pm–6:00pm **PLENARY LECTURE I**
**SOCIALCY > ORALCY > LITERACY: WHAT LINGUISTICS
CAN LEARN FROM THE DOCUMENTATION AND
REVITALIZATION OF ENDANGERED LANGUAGES**
Sally Rice, Ph.D., University of Alberta
Sponsored by St. Mary's University
CHEB 170
- 6:00pm–9:00pm **Welcome Reception**
Sponsored by St. Mary's University
CHEB Lobby

Thursday, June 16

8:00am–5:00pm **Registration**
CHEB Lobby

9:00am–10:00am **PLENARY LECTURE II**
**FROM PERCEPTION TO LANGUAGE: FIRST STEPS
IN INFANCY**
Janet F. Werker, Ph.D., University of British Columbia
CHEB 170

SESSION 1.1

Chair: Janet Ingles

10:00am–11:00am **ACQUIRED LANGUAGE IMPAIRMENT**
CHEB 140

10:00am **Cross-linguistic adaptations of The Comprehensive
Aphasia Test: Challenges and solutions**
Lind, Fyndanis, Balciuniene, Bjekic, Ceder, Gavarró, Grohmann,
Haaland-Johansen, Jacquemot, Johansson, Kambanaros,
Kovacevic, Kuvac, Martínez-Ferreiro, Méndez, Orellana, Rofes,
Røste, Sacristán, Simonsen, Soroli, Sör, Varlokosta, Vuksanovic,
Zakariás, Howard

10:20am **Time reference in Greek, Italian and German agrammatic
aphasia: A test of the PADILIH**
Fyndanis, Miceli, Semenza, Christidou, Killmer, Capasso, Burchert,
de Pellegrin, Gandolfi, Smania, Messinis, Papathanasopoulos,
Panagea, Papageorgiou, Varlokosta, Wartenburger

10:40am **Relationship between duration and intensity cues for
stress marking in fluent and non-fluent aphasia**
Baqué

SESSION 1.2

10:00am–11:00am **ULTRASOUND/EPG**
Chair: Kaitlyn Tagarelli
CHEB 150

10:00am **UltraPhonix: Learning new articulations with ultrasound**
Cleland, Scobbie, Roxburgh, Heyde

10:20am **Using ultrasound to treat vowel disorders: A single case study**
Roxburgh, Heyde, Capps, Scobbie, Cleland

10:40am **Challenging conventional diagnoses using
electropalatography (EPG): A case of velar fronting**
Wood, Hardcastle

SESSION 1.3

Chair: Patricia Cleave

- 10:00am–11:00am **CHILD LANGUAGE ASSESSMENT**
CHEB 264/266
- 10:00am **A morpho-phonological past tense processing as a clinical marker in SLI EFL learners**
Even-Simkin
- 10:20am **Screening test for Specific language impairment in French preschoolers and first graders**
St-Denis, Marquis, Kawass, Royle
- 10:40am **Adapting the MacArthur-Bates Communicative Development Inventory for Inuktitut**
Allen, Cain, Dench, Genest, Trudeau
- 11:00am–11:30am **Coffee Break**
CHEB Lobby

SESSION 2.1

Chair: Michael Kieft

- 11:50am–12:10pm **ELECTRICAL STIMULATION**
- 11:50am **Deep brain stimulation parameter optimization for speech intelligibility and vowel acoustics in Parkinson's disease**
Knowles, Adams, Abeyesekera, Mancinelli, Delrobaei, Jog
CHEB 140
- 12:10pm–12:50pm **ACOUSTIC ANALYSIS IN SPEECH DISORDERS**
CHEB 140
- 12:10pm **An acoustic study of plosive consonants produced by patients with reconstruction after partial or total glossectomy**
Hasna, Béatrice, Christian, Philippe, Guy, Rudolph
- 12:30pm **Audio feature space extraction for dysarthria assessment**
Werner
- 12:50pm **Lunch**
CHEB Lobby

Thursday, June 16 cont'd

11:30am–12:50pm **SESSION 2.2 PANEL DISCUSSION**

Chair: Holly Damico

THE IMPACT OF COGNITIVE PROCESS MODELS FOR WRITING IN A SOCIAL CONTEXT

CHEB 150

Impact of process writing for social purposes with language learning disorders

Damico

Impact of a social constructivist approach to writing on the core deficits of autism spectrum disorder

Weill

Overview of the impact of social models on writing

Nelson

SESSION 2.3 PANEL DISCUSSION

Chair: Yvan Rose

11:30am–12:50pm **SOFTWARE-ASSISTED ANALYSIS FOR CLINICAL LINGUISTICS**

CHEB 264/266

Phonological, lexical, and morpho-syntactic assessments within CHILDES/PhonBank

MacWhinney, Rose

Lexical and phonological development at 30 months: A crosslinguistic analysis of word shapes

Stoel-Gammon

A crosslinguistic project in phonological development: Utilizing Phon now and in the future

Bernhardt, Stemberger

Phonological and phonetic assessments of multilingual children

MacLeod

12:50pm

Lunch

CHEB Lobby

SESSION 3.1

Chair: Elissa Asp

2:00pm–3:00pm **ACQUIRED SPEECH & LANGUAGE IMPAIRMENT**

CHEB 150

2:00pm

Effectiveness of speech language therapy for aphasia: A systematic review of randomised controlled trials

Usai, Bailey, Newman

- 2:20pm **The benefit of visual support in communication with cognitively impaired patients**
Thalén, Tallberg
- 2:40pm **Conversational moves and communicative willingness in persons with Alzheimer's disease**
Pérez-Mantero
- SESSION 3.2**
Chair: Hanne Gram Simonsen
- 2:00pm–3:00pm **PERCEPTION**
CHEB 150
- 2:00pm **Aware and naïve listeners' ratings of /hVt/ tokens: Does knowledge of speaker's NL make a difference**
Franklin, Oksanen, Gilfert
- 2:20pm **Does the recording medium influence phonetic transcription of cleft palate speech?**
Klintö, Lohmander
- 2:40pm **The roles of stress and syllable number as a cue for Spanish speech segmentation**
LaCross, McAuliffe, Liss, Barragan, Adams, Berisha
- SESSION 3.3**
Chair: Martin Ball
- 2:00pm–3:00pm **ARTICULATION**
CHEB 264/266
- 2:00pm **Perceptual and ultrasonographic measures of change during articulation therapy for sibilant distortions**
Sapper, Bressmann, Harper, Kulkarni
- 2:20pm **Perceptual, durational and tongue displacement measures following articulation therapy for /r/**
Bressmann, Harper, Zhylich, Kulkarni
- 2:40pm **Lingual coarticulation and articulatory constraints in 3-year-olds: An ultrasound study**
Zharkova, Hardcastle, Gibbon
- 3:00pm–4:00pm **Coffee Break/Poster Session I**
CHEB Lobby/Poster Hall

Thursday, June 16 cont'd

SESSION 4.1

Chair: Bruna Seixas Lima

4:00pm–4:40pm

ADULT LANGUAGE

CHEB 140

4:00pm

Linguistic discourse analysis in aphasia: investigating the research-practice gap

Bryant, Spencer, Ferguson

4:20pm

Language and ageing in healthy late-age adults: What can longitudinal computerised analysis tell us

Spencer

SESSION 4.2

Chair: Andrea MacLeod

4:00pm–5:00pm

SPEECH-SOUND DISORDERS

CHEB 264/266

4:00pm

Frequency and types of speech disorders in pre-school children

Mildner, Simic

4:20pm

Understanding the relationship between polysyllable accuracy, receptive vocabulary, and phonological awareness in preschool children with speech sounds disorders

Masso, Baker, McLeod, Wang

4:40pm

Differential diagnosis of speech sound disorders in Danish-speaking children

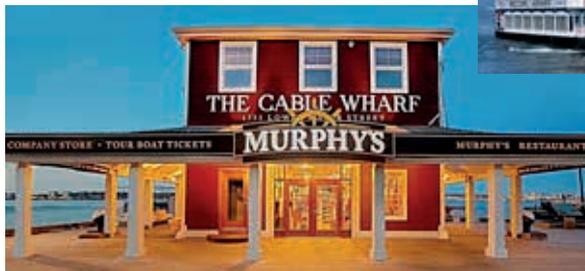
Clausen, Fox-Boyer

5:45pm–7:30pm

Halifax Harbour Cruise

7:30pm–9:00pm

Banquet: Murphy's the Cable Wharf



Friday, June 17

8:00am–6:00pm **Registration**
CHEB Lobby

9:00am–10:00am **PLENARY LECTURE III**
BILINGUALISM: CONSEQUENCES FOR MIND AND BRAIN
Ellen Bialystok, Ph.D., York University
CHEB 170

SESSION 5.1

Chair: Bonita Squires

10:00am–11:00am **SPEECH/COCHLEAR IMPLANTS**
CHEB 140

10:00am **Production of prosodic prominence in the babbles of Cochlear Implanted (CI) and normally hearing (NH) infants.**
De Clerck, Pettinato, Gillis, Verhoeven, Gillis

10:20am **Realization of voicing by French-speaking CI children after long-term implant use: an acoustic study**
Grandon, Vilain, Loevenbruck

10:40am **Speech production in Spanish-English bilingual children with cochlear implants**
Li, Bunta

SESSION 5.2

Chair: Katharina Albrecht

10:00am–10:40am **MULTILINGUALISM I**
CHEB 150

10:00am **Metalanguage, language switching, and bilingual nursing home residents with dementia symptoms**
Müller

10:20am **Multilingual speakers' participation in an English-dominant society**
Blake, McLeod, Verdon, Fuller

10:40am–11:00am **PHONOLOGY**
CHEB 150

10:40am **The acquisition of Setswana phonology in children aged 3;0 - 6;0 years: A cross-sectional study**
Mahura, Pascoe

Friday, June 17 cont'd

SESSION 5.3

Chair: Susan Rvachew

10:00am–11:00am **CHILD SPEECH DISORDERS**
CHEB 264/266

10:00am **Characteristics of childhood apraxia of speech in francophones**
MacLeod, Findlay

10:20am **Babbling and early consonant production in children with neurodevelopmental disabilities**
Nyman, Lohmander

10:40am **Initial cluster realizations in German-speaking children with speech sound disorders**
Fox-Boyer, Neumann

11:00am–11:30am CHEB Lobby
Coffee Break

SESSION 6.1

Chair: Sonya Bird

11:30am–12:50pm **MOTOR SPEECH**
CHEB 140

11:30am **Pathology detection by speech analysis: An overview**
Yilmaz, El Yacoubi, Garcia, Mateo

11:50am **Speech movements as the basis of speech therapy for dysarthria in Parkinson disease (PD) and apraxia**
Yunusova, Kearney, Baljko, Haworth, Faloutsos

12:10pm **Voice use in daily life: Comparisons between patients with Parkinson's disease and matched controls.**
Körner Gustafsson, Södersten, Ternström, Schalling

SESSION 6.2 PANEL DISCUSSION

Chair: Sharynne McLeod

11:30am–12:50pm **INTERNATIONALIZATION OF THE INTELLIGIBILITY IN CONTEXT SCALE**
CHEB 150

The development and internationalization of the Intelligibility in Context Scale
McLeod

Validation of the Intelligibility in Context Scale for Jamaican-Creole speaking children

Washington, McDonald, McLeod, Devonish, Crowe

Application of the Intelligibility in Context Scale to multilingual children in Fiji

Hopf, McLeod, McDonagh

Norming and validation of the Intelligibility in Context Scale for Australian English-speaking child

McLeod, Crowe, Shahaean

Translation and community-based research using the Intelligibility in Context Scale in South Africa

Pascoe, McLeod

Translation and validation of the Intelligibility in Context Scale in Northern Vietnam

Pham, McLeod, Harrison

SESSION 6.3 PANEL DISCUSSION

Chair: Aaron Newman and Kaitlyn Tagarelli

11:30am–12:50pm

NEUROIMAGING FOR CLINICAL LINGUISTICS AND PHONETICS

CHEB 264/266

An essential guide to neuroimaging techniques for studying language processing

Newman

The passively-evoked N400 as a tool for estimating speech in noise thresholds

Petley

Spatio-temporal correlates of picture naming: An MEG study

Tremblay

Mapping language learning in the brain with fMRI

Tagarelli

12:50pm–2:00pm

Lunch

CHEB Lobby

Friday, June 17 cont'd

SESSION 7.1

Chair: Tim Bressmann

2:00pm–3:00pm

VOICE

CHEB 140

2:00pm

Effects on voice and satisfaction with voice in trans men during testosterone treatment

Nygren, Nordenskjöld, Arver, Södersten

2:20pm

Effects of feminizing voice therapy and long-term effects of pitch-raising surgery in transwomen

Södersten, Kelly, Nygren, Hertegård

2:40pm

Longitudinal tracking of vocal health – a research database

Schaeffler, Beck, Jannetts

SESSION 7.2

Chair: Lauren Petley

2:00pm–3:00pm

IMAGING

CHEB 150

2:00pm

Localizing individual differences in L1 syntactic processing: An MEG study

Bailey, Beck, Newman

2:20pm

Investigating individual differences in L1 lexical semantic processing: An MEG study

Beck, Bailey, Dubinsky, Tagarelli, Bardouille, Newman

2:40pm

Cognitive factors influence individual differences in semantic processing: Evidence from MEG

Johnson, Beck, Bardouille, Newman

SESSION 7.3

Chair: Barbara May Bernhardt

2:00pm–3:00pm

ARTICULATION/PHONOLOGY

CHEB 264/266

2:00pm

Multisyllabic word production of school-aged children with and without protracted phonological development

Mason

2:20pm

Canonical babbling and the word acquisition process: Results of infants acquiring German

Lang, Fox-Boyer

2:40pm

The German adaptation of the Intelligibility in Context Scale (ICS-G) - Reliability and validity

Neumann, Rietz, Stenneken

3:00pm–4:00pm **Coffee Break/Poster Session II**
CHEB Lobby/Poster Hall

SESSION 8.1

Chair: Ulrika Nygren

4:00pm–5:00pm **RESONANCE**
CHEB 140

4:00pm **Validity of method for perceptual assessment of velopharyngeal function and dysfunction**

Lohmander, Hagberg

4:20pm **Adaption of oral-nasal balance to altered auditory feedback.**
de Boer, Bressmann

4:40pm **Influence of voice focus on oral-nasal balance in speakers of Brazilian Portuguese**

de Boer, Marino, Berti, Fabron, Bressmann

SESSION 8.2

Chair: Nicole Müller

4:00pm–5:00pm **MULTILINGUALISM II**
CHEB 150

4:00pm **Assessing the speech of children who do not speak the same language(s) as their SLP: A tutorial**

McLeod, Verdon, Multilingual Children's Speech

4:20pm **Development of a phonology assessment for Turkish-German bilingual children living in Germany**

Albrecht, Fricke, Fox-Boyer, Stackhouse

4:40pm **How informative are psycholinguistic tasks for the identification of speech sound difficulties in Turkish-German bilingual children?**

Albrecht, Fricke, Fox-Boyer, Stackhouse

SESSION 8.3

Chair: Elin Thordardottir

4:00pm–5:00pm **DEVELOPMENTAL SPEECH & LANGUAGE**
CHEB 264/266

4:00pm **Speech in 10-year-olds born with cleft lip and palate: What do peers say?**

Nyberg, Havstam

4:20pm **Difficulty with grammatical case-marking in Japanese children with SLI**

Murao, Ito, Fukuda, Fukuda

Friday, June 17 cont'd

SESSION 9.1

Chair: Erin Sparks

5:00pm–6:00pm

READING & WRITING

CHEB 140

5:00pm

The Simple View of Reading: How do syntactic and morphological awareness fit in this simple model?

Tucker, Mimeau, Deacon

5:20pm

Qualifying the relationship between morphological awareness and reading through longitudinal models

Levesque, Kieffer, Deacon

5:40pm

The development of writing skills in 4-year-old children with language impairment

Pavelko, Lieberman, Nye, Schwartz, Hahs-Vaughn

SESSION 9.2

Chair: Joy Armson

5:00pm–6:00pm

FLUENCY

CHEB 150

5:00pm

Characterizing neural speech preparation of fluent and stuttered utterances in adults who stutter

Mersov, Cheyne, Jobst, De Nil

5:20pm

Stuttering from a gender perspective - A follow-up study of girls and boys diagnosed with stuttering

Samson

5:40pm

The syntax spurt and the onset of stuttering in young children: Evidence from a Japanese child

Ito, Matsumoto, Fukuda, Fukuda

SESSION 9.3

Chair: Patricia Cleave

5:00pm–6:00pm

SPEECH & LANGUAGE TREATMENT

CHEB 264/266

5:00pm

Randomized controlled trial of Phoneme Factory Sound Sorter software addressing preschool children's speech and pre-literacy skills

McLeod, Baker, McCormack, Wren, Roulstone, Crowe, Masso

5:20pm

Efficacy of two intensity levels of treatment for preschoolers with specific language impairment

Thordardottir, Rioux

- 5:40pm **Improving speech and language services for children with visual impairments**
Gordon-Pershey, Brouwer
- 6:00pm–7:00pm **ICPLA Business meeting including celebration of the 25th anniversary of ICPLA**
CHEB 170

Saturday, June 18

- 9:00am–10:00am **PLENARY LECTURE IV**
THE COGNITIVE DEMANDS IMPOSED BY NOISY AND AMBIGUOUS SPEECH
Ingrid Johnsrude, Ph.D., Western University
CHEB 170
- SESSION 10.1**
Chair: Bonita Squires
- 10:00am–10:40am **LANGUAGE ANALYSIS**
CHEB 140
- 10:00am **N-LARSP: Adaption of the LARSP profile chart to Norwegian**
Ribs, Simonsen, Løver, Strand, Kristoffersen
- 10:20am **Language sample analysis: A SUGAR-y treat**
Pavelko, Owens
- SESSION 10.2**
Chair: Kaitlyn Tagarelli
- 10:00am–10:40am **MULTILINGUALISM III**
CHEB 150
- 10:00am **The effect of age of acquisition and language exposure on verbal fluency in bilingual third-graders**
Brandeker, Thordardottir
- 10:20am **Lexical skills in Polish-Norwegian and Polish-English preschoolers**
Hansen, Luniewska, Simonsen, Haman, Kolak, Mieszkowska, Wodniecka, Haman, Simonsen

Saturday, June 18 cont'd

SESSION 10.3

Chair: Elissa Asp

10:00am–10:40am **AUTISM/PRAGMATICS**

CHEB 264/266

10:00am

Comparison of auditory-motor mapping training and speech repetition training for minimally verbal children with autism spectrum disorder

Chenausky, Norton, Schlaug

10:20am

Genres of social stories: Some linguistic pragmatics of pragmatic texts

Perkins

10:40am–11:40am **Coffee Break/Poster Session III**

CHEB Lobby/Poster Hall

SESSION 11.1

Chair: Özlem Ünal-Logacev

11:30am–1:00pm **PHONETICS/PHONOLOGY**

CHEB 140

11:40am

Changing ejectives in SENCOTEN: How explicit instruction might precipitate sound change

Bird

12:00pm

Pilot description of phonetic features of Canadian Doukhorbor Russian

Makarova

12:20pm

The feature [+spread glottis] in Icelandic: Data on typical and protracted phonological development

Masdottir, Bernhardt, Stemberger

12:40pm

Consonant acquisition in Manitoba French preschool children within a nonlinear phonology framework

Bérubé, Bernhardt, Stemberger

SESSION 11.2

Chair: Aaron Newman

11:30am–1:00pm **PSYCHO-/NEUROLINGUISTICS**

CHEB 150

11:40am

Development of an assessment tool for speech processing skills in English-speaking adults

Niepelt, Thomson, Schaefer

- 12:00pm **Individual differences in ERP components of sentence processing**
Tagarelli, Dubinsky, Beck, Brawley-Hogg, Tremblay, Newman
- 12:20pm **Difficulty in processing sentences including paired verbs in a Japanese agrammatic patient**
Watanabe, Murata, Yamada, Kakehi, Tatsumi
- 12:40pm **Changes in visual-spatial cognition when adults learn American Sign Language and how pre-existing visual-spatial abilities predict success in learning**
Patrick, McGuire, Newman

SESSION 11.3

Chair: Elizabeth Kay-Raining Bird

- 11:30am–1:00pm **DEVELOPMENTAL SYNDROMES**
CHEB 264/266
- 11:40am **Phonological patterns (templates) in 5p- syndrome (Cri du Chat Syndrome)**
Kristoffersen, Garmann, Simonsen
- 12:00pm **Gestural and lexical development in 5p- syndrome (Cri du Chat Syndrome)**
Kristoffersen
- 12:20pm **Language skills in Noonan syndrome**
Selås
- 1:00pm–1:30pm **Closing remarks (CHEB 170)**

POSTER PRESENTATIONS

Thursday, June 16

3:00pm–4:00pm **Coffee Break/Poster Session I**
CHEB Lobby/Poster Hall

- 1 **The establishment of DisorderedSpeechBank: A digital archive of disordered speech across languages**
Ball
- 2 **Acoustic characterization of coarticulation in stop-vowel sequences by French speaking adults vs. children: A preliminary study**
Grandon, Vilain, Loevenbruck
- 3 **Voicing contrast of sibilants in Turkish: Implications for velopharyngeal dysfunction**
Ünal-Logacev, Fuchs, Balo
- 4 **Voiceless alveolar stop coarticulation in typically developing 5-year-olds and 13-year-olds**
Zharkova
- 5 **Oral motor function, chewing efficacy and articulation in children with Speech Sound Disorders (SSD)**
Mogren, Sjögreen, Barr Agholme, McAllister
- 6 **An ultrasonographic and acoustic investigation of consonant cluster reduction in atypical children**
Vassoler, Berti, Bressmann
- 7 **Applying the principle of conversational analysis to the intervention in children with high-functioning autism spectrum disorders**
Oi
- 8 **Parameter setting in the acquisition of consonant clusters by phonologically delayed children**
Chen, Pan
- 9 **Phonological versus motor planning deficits in children with severe speech sound disorders**
Rvachew, Matthews
- 10 **Do dyslexics have general or specific difficulties with phonemes?**
Cormier, Corbin
- 11 **An investigation on the syntactic ability of Cantonese-speaking children with autism spectrum disorder**
Li, Leung
- 12 **Communicative behaviors of sibling dyads with a child with autism and a typically developing child**
Gordon-Pershey, Hodge
- 13 **Brain and behavioural characteristics of acquired neurogenic stuttering in adults**
De Nil, Linkie
- 14 **Beyond stuttering: Speech disfluencies in normally fluent, French-speaking children at age four**
Leclercq, Suaire, Moysse
- 15 **Manifestation and perceptions of stuttering in Spanish-English bilinguals**
Gallardo, Ledene, Marin, Rodriguez, Medina
- 16 **Investigating the Fault-Line Hypothesis in the fluent speech of people who stutter: An ultrasound study of tongue kinematics**
Heyde, Scobbie, Cleland
- 17 **A clinical application of Systemic Functional Linguistics: The case of bilingual stuttering**
Medina, Muller, Tetnowski
- 18 **Intonation in Individuals with Normal Hearing and Cochlear Implant Users**
Büyükköse, Petrone, Ünal-Logacev
- 19 **The effects of early acoustic hearing on speech perception and language abilities of pediatric cochlear implant recipients**
Davidson, Uchanski

- 20 **Processing stress in written words: The effects of exposure to stress cues**
Sparks, Macdonald, Deacon
- 21 **Processing of syntactic prosody following left versus right hemisphere lesions: A tale of two cases**
Balasubramanian, Koebli, Costello-Yacano, Aldera
- 22 **Comprehension of figurative language: An experimental study**
Cheung, Hwang, Tang, Leung
- 23 **Violating the formational properties of American Sign Language to create phonotactically illegal pseudosigns**
McGuire, Patrick, Newman
- 24 **Development of visual speech perception in Chinese-speaking children**
Chen, Lei
- 25 **Cantonese consonant perception in quiet and in noise in young and old adults**
Wong, Ip
- 26 **Native and non-native vowel discrimination in Dutch learning infants**
de Klerk, de Bree, Kerkhoff, Wijnen

Friday, June 17

3:00pm–4:00pm **Coffee Break/Poster Session II**
CHEB Lobby/Poster Hall

- 1 **A system of contrasts employed by an adult unilateral CI recipient with CHARGE syndrome**
Kuecker, Oxley
- 2 **Effects of an intervention focusing on gender acquisition in bilingual children with SLI**
Schmidt
- 3 **Gesture production in Broca's and Wernicke's aphasia**
Gordon-Pershey, Livits
- 4 **"Like a Bird in a Cage": Construction and negotiation of identity in institutionalized IWA**
Hartwell, Damico, Roussel, Archer
- 5 **The effect of semantic memory impairment on the speech of svPPA patients: A discourse-level analysis**
Seixas Lima, Graham, Leonard, Levine, Rochon, Tang-Wai
- 6 **Word frequency effects on the accuracy of children with cochlear implants and normally hearing peers**
Faes
- 7 **Revisions to the ExtIPA and the VoQS symbol sets**
Ball, Howard, Esling, Dickson
- 8 **Preceding vowel duration as an indicator of the origin of aphasic substitution errors: a case study**
Marczyk, Baqué
- 9 **Pronunciation training of mandarin-speaking learners of English**
Stranc
- 10 **Aspects of phonological acquisition in Sidaamu Afoo**
Mekonnen
- 11 **The morphological awareness and specific word reading strategies of unexpected poor comprehenders**
MacKay, Levesque, Deacon
- 12 **Analogical reasoning in children with specific language impairment**
Krzemien, Jemel, Maillart
- 13 **A new mediated measure of phonological awareness in French**
Cormier, Léger, Cormier, Daigle

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- 14 **The France-Belgium-Canada SSD Project**
Meloni, Vilain, Loevenbruck, Maillart, MacLeod
- 15 **The relationship between verbal working memory and discourse comprehension in older adults**
Fitzpatrick, Ingles, Eskes
- 16 **Critical factors for speech naturalness in Swedish-speaking people with Parkinson's disease: A correlational study between listener judgement and acoustic analysis**
Isaksson, Larsson, Ball
- 18 **Typical development of speech motor skills in children preschool to early school years**
Rex, Hansson, McAllister
- 19 **Construction and validation of a new reading passage for assessment of speech and speech breathing**
Schalling, Johansson
- 20 **Speech characteristic of French-speaking children with dysarthria**
MacLeod, Maillart, Ancelle, Hetrick, Moya-Galé, Levy
- 21 **The developmental trajectory of different types of presupposition: An experimental study**
Cheung, Hwang, Chui, Leung
- 23 **Infants' use of asynchronous auditory and visual information in the categorization of speech sounds**
Danielson, Tam, Kandhadai, Werker
- 24 **A comparison between three commonly used methods for pitch extraction in speech**
Strömbergsson
- 25 **Sensitivity to the amount of aspiration noise for the perception of breathiness**
Labuschagne, Ciocca

Saturday, June 18

10:40am–11:40am **Coffee Break/Poster Session III**
CHEB Lobby/Poster Hall

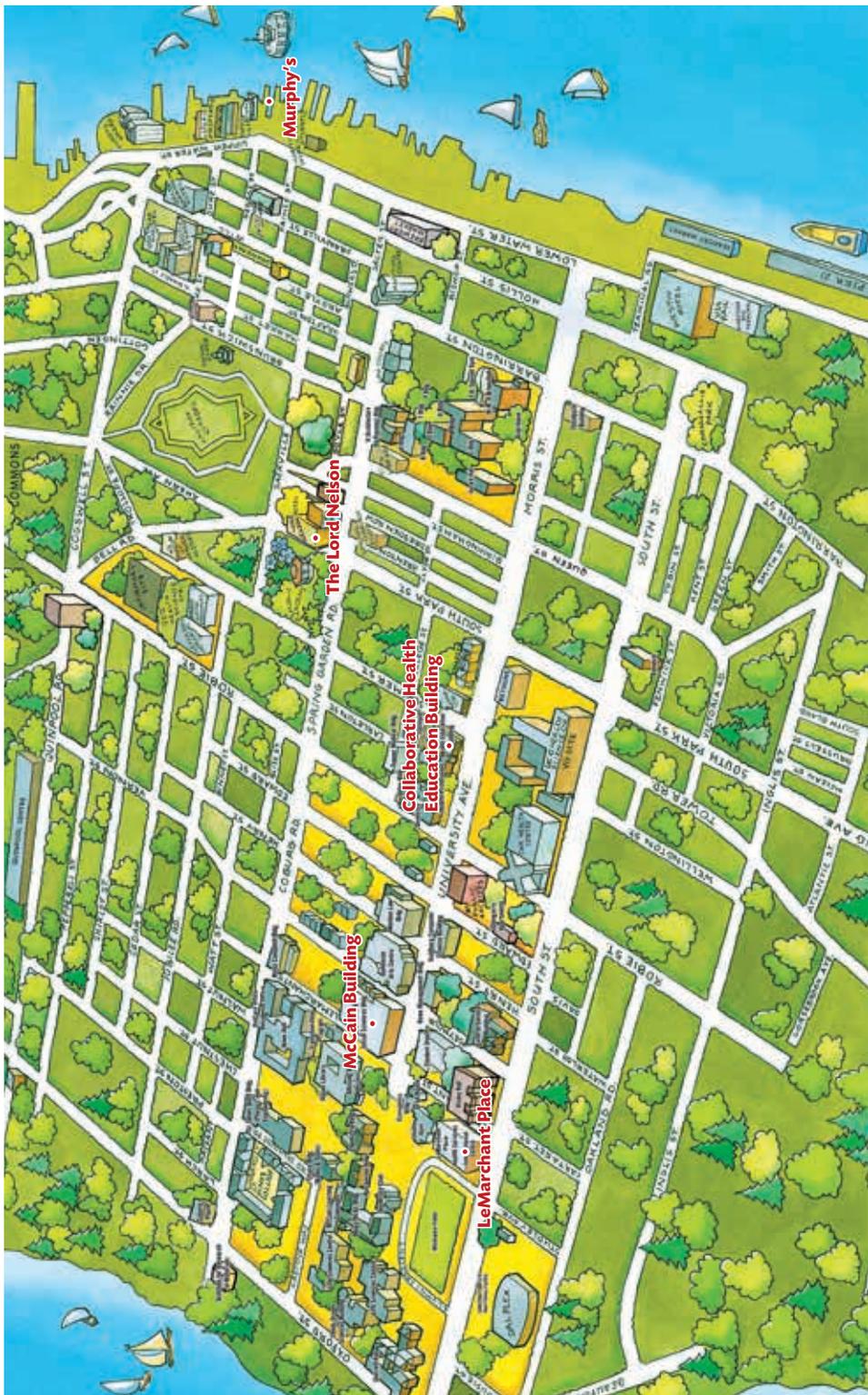
- 1 **The co-construction of shared memories: Conversations between mothers and children with language impairment**
Clark, Damico
- 2 **Predicting later language skills from early vocabulary and the Switch word learning task**
Bernhardt, Kemp, Werker, Scott, Gilbert, Siegel
- 3 **The effect of parental responsivity on language development for children with Down syndrome**
Seager, Stojanovic, Norbury
- 4 **Visual artificial grammar learning in children with SLI: Is variability the key?**
Desmottes, Meulemans, Maillart
- 5 **Testing Swe-LARSP in the field**
Müller, Sörensen, Dyne
- 6 **Studying the effects of non-concatenative morpho-semantic & morpho-syntactic anomalies in MSA**
Beydoun, Tagarelli, Newman
- 7 **Awareness of morph-syntactic structures in Chinese compound words among school-aged children**
Lau, Liang, Leung
- 8 **English/Russian orthographic interference: A training study**
Holt, Newman, Tagarelli
- 9 **Recognition of Mandarin spoken words by L2 listeners: A pilot study**
Wierenga, Sun

Saturday, June 18 cont'd

10:40am–11:40am **Coffee Break/Poster Session III**

CHEB Lobby/Poster Hall

- 10 **A Case Study: Student clinicians' identity strategies for shared-writing with children with LLD**
Kim, Damico, Damico
- 11 **Analysis of phonological awareness content accuracy in French textbooks for students in education**
Emond, Lefebvre
- 12 **Developmental dyslexia without dysgraphia in Chinese: A case study**
Lau, Leung, Liang
- 13 **Can adults learn new rules in spelling?**
Sklar, Mimeau, Deacon
- 14 **The effect of Cognitive Behavioural Therapy (CBT) on the treatment efficacy of non-fluent aphasic patients**
Leung, Hon, Li, Ting
- 15 **Comparison of quality of communication life in patients with fluent and nonfluent aphasia**
Vuković, Petrović Lazić, Jovanović Simić, Kulić, Vuković
- 16 **"That's a load off my mind": Cognitive orthotic use in aphasia conversation groups**
Archer, Müller
- 17 **Using the dynamic evaluation of motor speech skill to quantify treatment effects**
Clark
- 18 **Speech characteristics of adolescent with Down syndrome before and after intervention**
Folden, Matthews, Rvachew
- 19 **The use of code-switching in children with language impairments**
Young
- 21 **Multilingual translation issues in qualitative research: Reflections on semi-structured interviews with parents of children with autism from India and Turkey**
Kaniamattam, Gunhan, Oxley, Damico
- 22 **First language effects on the learning of grammatical gender in a second language**
Jarvis, Benitez Stulz, Usai, Newman
- 23 **A Case Study: The influence of writing intervention which emphasized the accuracy of spellings on the process of writing and the written products of a child with language and learning difficulties (LLD)**
Kim, Damico, Damico
- 24 **The relation between syntactic awareness and use of context in word reading: The role of semantics**
Mimeau, Laroche, Tucker, Deacon
- 25 **The effect of diversity on how children learn words from reading**
Pendse Shaw, Mimeau, Deacon
- 26 **Oral language predictors of reading comprehension among elementary school children: Does developmental language impairment make a difference?**
Skoczylas, Schneider



Murphy's

The Lord Nelson

Collaborative Health
Education Building

McCain Building

LeMarchant Place



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