16th ICPLA Conference
Halifax • Nova Scotia • Canada
June 14-18, 2016
icpla2016.ca
<table>
<thead>
<tr>
<th>Time</th>
<th>JUNE 15</th>
<th>JUNE 16</th>
<th>JUNE 17</th>
<th>JUNE 18</th>
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</thead>
<tbody>
<tr>
<td>08:00</td>
<td>Opening Remarks</td>
<td>Plenary Lecture IV: Rigid Johnstone, Ph.D.</td>
<td>Plenary Lecture V: Brian Bailey, Ph.D.</td>
<td>Plenary Lecture VI: Ingrid Johnstone, Ph.D.</td>
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<td>09:00</td>
<td>Registration (Main Lobby)</td>
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<td>10:00</td>
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<td>Multilingualism I</td>
<td>Multilingualism II</td>
<td>Multilingualism III</td>
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<td>Phonology</td>
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<td>Multilingualism II</td>
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<td>12:50</td>
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<td>13:10</td>
<td>Acoustic Analysis in Speech Disorders</td>
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<td>17:20</td>
<td>Harbour Cruise</td>
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<td>18:00</td>
<td>Welcome reception</td>
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<td>19:30</td>
<td>Banquet (Murphy)</td>
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Conference logo courtesy of Gerald Gloade Sr., Mi'kmaq artist.
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
Elissa Asp
Patricia Cleave
Elizabeth Kay-Raining Bird
Michael Kiefte

Programme Committee
Patricia Cleave
Kaitlyn Tagarelli

International Advisors

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

[Image of sponsors logos]
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 Sųliné and Tsuut’ina, 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 (CILLLDI), 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 Bieley 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.
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, Balcuniene, Bjekic, Ceder, Gavarró, Grohmann, Haaland-Johansen, Jacquemot, Johansson, Kambanaros, Kovacevic, Kuvac, Martinez-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 Kiefte
11:50am–12:10pm ELECTRICAL STIMULATION
CHEB 140
11:50am Deep brain stimulation parameter optimization for speech intelligibility and vowel acoustics in Parkinson’s disease
Knowles, Adams, Abeyesekera, Mancinelli, Delrobaei, Jog
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 glossectom
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  
Thalen, 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 naive 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, Shahaeian

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 Doukhobor 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

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<td>The establishment of DisorderedSpeechBank: A digital archive of disordered speech across languages</td>
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<td>Acoustic characterization of coarticulation in stop-vowel sequences by French speaking adults vs. children: A preliminary study</td>
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<td>Applying the principle of conversational analysis to the intervention in children with high-functioning autism spectrum disorders</td>
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<td>Parameter setting in the acquisition of consonant clusters by phonologically delayed children</td>
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<td>Phonological versus motor planning deficits in children with severe speech sound disorders</td>
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<td>Do dyslexics have general or specific difficulties with phonemes?</td>
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<td>An investigation on the syntactic ability of Cantonese-speaking children with autism spectrum disorder</td>
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<td>Communicative behaviors of sibling dyads with a child with autism and a typically developing child</td>
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<td>Brain and behavioural characteristics of acquired neurogenic stuttering in adults</td>
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<td>Beyond stuttering: Speech disfluencies in normally fluent, French-speaking children at age four</td>
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<td>The effects of early acoustic hearing on speech perception and language abilities of pediatric cochlear implant recipients</td>
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<td>Comprehension of figurative language: An experimental study</td>
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<td>Violating the formational properties of American Sign Language to create phonotactically illegal pseudosigns</td>
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<td>Cantonese consonant perception in quiet and in noise in young and old adults</td>
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**Friday, June 17**

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

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<td>A system of contrasts employed by an adult unilateral CI recipient with CHARGE syndrome</td>
<td>Kuecker, Oxley</td>
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<td>Effects of an intervention focusing on gender acquisition in bilingual children with SLI</td>
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<td>Word frequency effects on the accuracy of children with cochlear implants and normally hearing peers</td>
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<td>Preceding vowel duration as an indicator of the origin of aphasic substitution errors: a case study</td>
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<td>The morphological awareness and specific word reading strategies of unexpected poor comprehenders</td>
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<td>Analogical reasoning in children with specific language impairment</td>
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<td>13</td>
<td>A new mediatised measure of phonological awareness in French</td>
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14 The France-Belgium-Canada SSD Project
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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, Stojanovik, 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

1. **A Case Study: Student clinicians’ identity strategies for shared-writing with children with LLD**
   Kim, Damico, Damico

2. **Analysis of phonological awareness content accuracy in French textbooks for students in education**
   Emond, Lefebvre

3. **Developmental dyslexia without dysgraphia in Chinese: A case study**
   Lau, Leung, Liang

4. **Can adults learn new rules in spelling?**
   Sklar, Mimeau, Deacon

5. **The effect of Cognitive Behavioural Therapy (CBT) on the treatment efficacy of non-fluent aphasic patients**
   Leung, Hon, Li, Ting

6. **Comparison of quality of communication life in patients with fluent and nonfluent aphasia**
   Vuković, Petrović Lazić, Jovanović Simić, Kulić, Vuković

7. **“That’s a load off my mind”: Cognitive orthotic use in aphasia conversation groups**
   Archer, Müller

8. **Using the dynamic evaluation of motor speech skill to quantify treatment effects**
   Clark

9. **Speech characteristics of adolescent with Down syndrome before and after intervention**
   Folden, Matthews, Rvachew

10. **The use of code-switching in children with language impairments**
    Young

11. **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

12. **First language effects on the learning of grammatical gender in a second language**
    Jarvis, Benitez Stulz, Usai, Newman

13. **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

14. **The relation between syntactic awareness and use of context in word reading: The role of semantics**
    Mimeau, Laroche, Tucker, Deacon

15. **The effect of diversity on how children learn words from reading**
    Pendse Shaw, Mimeau, Deacon

16. **Oral language predictors of reading comprehension among elementary school children: Does developmental language impairment make a difference?**
    Skoczylas, Schneider