Connecting the Dots
Braille, Technology & Employment Conference.

CNIB FOUNDATION
Tuesday, October 29 & Wednesday, October 30, 2019

MaRS Discovery District, Toronto
101 College St, Toronto, ON M5G 1L7
# DAY 1  
**Tuesday, October 29**

<table>
<thead>
<tr>
<th><strong>FROM</strong></th>
<th><strong>EVENT</strong></th>
<th><strong>LOCATION</strong></th>
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<tbody>
<tr>
<td>7:45 a.m. - 2:45 p.m.</td>
<td>Registration</td>
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<tr>
<td>All day</td>
<td>Exhibits</td>
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<tr>
<td>All day</td>
<td>Work Zone</td>
<td>Green Room</td>
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<tr>
<td>12:30 p.m. Day 1</td>
<td>Technology Panel</td>
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| **8:30 a.m. - 9:30 a.m.** | Breakfast  
Opening remarks, brief update on CNIB  
The Honourable Elizabeth Dowdeswell, Lieutenant Governor of Ontario  
Keynote presentation by Deloitte | Auditorium |
| 9:45 a.m. - 10:45 a.m. | Session 1 Workshops | |
| 11:00 a.m. - 12:00 p.m. | Session 2 Workshops | |
| **12:15 p.m. - 1:30 p.m.** | **Lunch**  
Creative Writing Contest (30 mins), Tech Panel (30 mins) | Auditorium |
| 1:45 p.m. - 2:45 p.m. | Session 3 Workshops | |
| 3:00 p.m. - 4:00 p.m. | Session 4 Workshops | |
### Day 1 Sessions  Tuesday, October 29

#### SESSION 1  9:45 a.m. - 10:45 a.m.

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<tr>
<th>Session Number and Title</th>
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<tbody>
<tr>
<td><strong>101</strong> The ABC's of iOS and VoiceOver</td>
<td>Suzanne Decary-van den Broek &amp; Rhonda Underhill-Gray</td>
<td><strong>A</strong></td>
</tr>
<tr>
<td><strong>102</strong> Inclusive Media - Real time (cc, av/dv)</td>
<td>Margot Whitfield &amp; Marie-Catherine Rombaut</td>
<td><strong>B - Live Streaming</strong></td>
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<tr>
<td><strong>103</strong> BrailleNote Touch +</td>
<td>Michel Pepin</td>
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#### SESSION 2  11:00 a.m. - 12:00 p.m.

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<thead>
<tr>
<th>Session Number and Title</th>
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<tbody>
<tr>
<td><strong>201</strong> Introducing Canute</td>
<td>Jason Fayre &amp; Kim Kilpatrick</td>
<td><strong>A</strong></td>
</tr>
<tr>
<td><strong>202</strong> Zenbo - AI Robotics</td>
<td>Patrick Hung, Andrew De Lima, Alvaro Quevedo &amp; Manollo Guedes</td>
<td><strong>B - Live Streaming</strong></td>
</tr>
<tr>
<td><strong>203</strong> Voice. Advocacy. Service</td>
<td>Ingrid-Palmer White</td>
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#### SESSION 3  1:45 p.m. - 2:45 p.m.

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<tr>
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<tr>
<td><strong>301</strong> CNIB's Social Enterprise</td>
<td>Andrea Voss &amp; Stephen Ricci</td>
<td><strong>A</strong></td>
</tr>
<tr>
<td><strong>302</strong> Working age Canadians with Vision Loss</td>
<td>Christine Robbins &amp; Mahadeo Sukhai</td>
<td><strong>B - Live Streaming</strong></td>
</tr>
<tr>
<td><strong>303</strong> What is CAD? (Certified Audio Describers)</td>
<td>Deborah Fels &amp; Em Harding</td>
<td><strong>C</strong></td>
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#### SESSION 4  3:00 p.m. - 4:00 p.m.

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<tr>
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<tr>
<td><strong>401</strong> Connecting the Dots with Innovative Design Thinking</td>
<td>Carolina Cohoon</td>
<td><strong>A</strong></td>
</tr>
<tr>
<td><strong>402</strong> Soundscape</td>
<td>Damian Milczarski</td>
<td><strong>B - Live Streaming</strong></td>
</tr>
<tr>
<td><strong>403</strong> Navigating the Digital Wayfinding Landscape</td>
<td>Debbie Gillespie</td>
<td><strong>C</strong></td>
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Day 2  Wednesday, October 30

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<tr>
<td>8:30 a.m. – 9:30 a.m.</td>
<td>Breakfast</td>
<td>Auditorium</td>
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<tr>
<td></td>
<td>Welcome to Day 2. Keynote presentation:</td>
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<td></td>
<td>Entrepreneur Panel</td>
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<tr>
<td>9:45 a.m. – 10:45 a.m.</td>
<td>Session 5 Workshops</td>
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<tr>
<td>11:00 a.m. – 12:00 p.m.</td>
<td>Session 6 Workshops</td>
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<tr>
<td>12:45 p.m. – 1:30 p.m.</td>
<td>Lunch/Presentation of the</td>
<td>Auditorium</td>
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<td></td>
<td>‘Youth Advocacy Award’</td>
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<td>Keynote presentation: Dave D’Silva</td>
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<tr>
<td>1:45 p.m. – 2:45 p.m.</td>
<td>Session 7 Workshops</td>
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<tr>
<td>3:00 p.m. – 4:00 p.m.</td>
<td>Session 8 workshops</td>
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### SESSION 5  9:45 a.m. - 10:45 a.m.

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<tr>
<td>501 Quote, Unquote - UEB update</td>
<td>Phyllis Landon</td>
<td>A</td>
</tr>
<tr>
<td>502 Blindness, Mental Health and Employment</td>
<td>Ashley Shaw &amp; Mahadeo Sukhai</td>
<td>B – Live Streaming</td>
</tr>
<tr>
<td>503 Flagship Service Canada Centre</td>
<td>Geneva Yee &amp; Joshua Kirchener</td>
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### SESSION 6  11:00 a.m. - 12:00 p.m.

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<tr>
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<tr>
<td>601 The Good, the Bad and the Fabulous!</td>
<td>Jen Goulden</td>
<td>A</td>
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<tr>
<td>602 Fireside Chat</td>
<td>Kelly MacDonald &amp; Andrew Morris</td>
<td>B – Live Streaming</td>
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<tr>
<td>603 Unbound, Book Club panel</td>
<td>Ryan Hooey, Natalie Martiniello, Joe Bernard &amp; James Denas</td>
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### SESSION 7  1:45 p.m. - 2:45 p.m.

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<tr>
<td>701 BANA: Provisional Guidance on transcribing MATH</td>
<td>Lorraine Banks</td>
<td>A</td>
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<tr>
<td>702 Venture Zone Game</td>
<td>Spencer Holmes &amp; Nathan Hester</td>
<td>B – Live Streaming</td>
</tr>
<tr>
<td>703 Know Your Rights</td>
<td>Avery Au, Shannon Kinch &amp; Kat Clarke</td>
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## SESSION 8  3:00 p.m. – 4:00 p.m.

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<tbody>
<tr>
<td><strong>801</strong> 4 C’s of Accessibility</td>
<td>Natalie Minnema &amp; Sarina Cormier</td>
<td>A</td>
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<tr>
<td><strong>802</strong> Employment of Guide Dog Handlers</td>
<td>Danika Blackstock</td>
<td>B – Live Streaming</td>
</tr>
<tr>
<td><strong>803</strong> UEB Standing Alone Rule</td>
<td>Darleen Bogart &amp; Debbie Gillespie</td>
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101
The ABC’s of iOS and VoiceOver

The iPad is an incredible educational tool, but, more often than not, children with sight loss are not introduced to modern technology until much later than their sighted peers. The ABC’s of iOS manual ensures educators and family members have the required tools to teach a child who is blind or partially sighted how to use iOS. The manual specifically addresses age-appropriate VoiceOver skills for children, ages 3-8, who are or may become braille readers, dual media, or auditory readers. By introducing technology to children at an earlier age – and providing them with the skills and training to operate it – we’re empowering children to thrive developmentally and academically.

Presenters: Suzanne Decary-van den Broek, Executive Director, Ontario South, CNIB Foundation & Rhonda Underhill-Gray, Program Lead, Beyond the Classroom, CNIB Foundation

102
Inclusive Media – Real time (cc, av/dv)

This session will introduce Ryerson University’s new course series, Inclusive Media: Real-time Closed Captioning (CC) and Audio Description/Described Video (AD/DV). Attendees will experience sample content and gain knowledge about the latest live closed captioning and audio description/described video techniques and technologies used to create inclusive and accessible broadcast content for a variety of audiences.

Presenters: Margot Whitfield & Marie-Catherine Rombaut, Inclusive Media and Design Centre, Ryerson University

103
BrailleNote Touch+

The ever-innovative BrailleNote Touch just became the BrailleNote Touch+Combining the simplicity and accessibility of a note taker with the power and efficiency of a modern smartphone or tablet. Supported by Android Oreo platform, it expands the entire user experience to fulfill today’s digital expectations. Join us to find out why this new cookie is hands down the most up-to-date, simple and powerful solutions to optimize Braille efficiency in today’s classroom.

Presenters: Michel Pepin, Canada Sales Director, HumanWare & Peter Tucic, Brand Ambassador - Blindness Products, HumanWare

201
Introducing Canute

A new portable Braille E-Reader, this multi-line braille book reading device will revolutionize the way we consume electronic braille. With nine lines of braille and 40 cells in each line, there are many possibilities for accessing braille math, music, etc. Join us to learn more about Canute!

Presenters: Jason Fayre, National Lead, Accessibility and Assistive Technology, CNIB & Kim Kilpatrick, Coordinator, Get Together with Technology
202
Zenbo – AI Robotics

Students at Ontario Tech University are engaged in a project to program Zenbo, a robot produced by Asus, to read human emotions. This workshop will demonstrate the emerging capabilities of robotics and artificial intelligence to interact within an environment.

**Presenters:** Alvaro Uribe Quevedo, Ph.D., Assistant Professor, Ontario Tech University, Connor Combdon student, Ontario Tech University, Andrew De Lima Salgado, Manollo Guedes, visiting Researcher, Ontario Tech University

203
Voice. Advocacy. Service

Knowing how to advocate is what can truly affect change. This session will teach persons with disabilities, allies and employers how their individual and collective actions can accelerate the normalization of universal inclusion and diversity.

**Presenter:** Ingrid-Palmer White, Community Outreach Coordinator, CNIB Foundation

301
CNIB’s Social Enterprise

Frontier Accessibility is a CNIB Social Enterprise supporting businesses and organizations to ensure that all Canadians with disabilities can benefit from barrier-free communities and workplaces so everyone can participate fully and equally. Our approach to providing customized solutions ensures that all organizations will have the tools to break down barriers and champion a culture of inclusion. Experience the latest products, services, and customized solutions available to individuals, businesses and employees to achieve our goal of an equitable and accessible Canada by 2030.

**Presenters:** Andrea Vose, Sales Manager, Frontier Accessibility & Stephen Ricci, Portfolio Manager, Frontier Accessibility

302
Working Age Canadians with Vision Loss

With academic and professional credentials across a wide range of disciplines, the CNIB Foundation’s research team is passionate about contributing to knowledge and understanding of blindness in Canada and around the world. This session will deliver an overview of recent employment research conducted by CNIB - providing an employment profile on working age Canadians with sight loss in the following areas: people with sight loss in management positions, what size company individuals with sight loss tend to work for, and what the earning potential for those who have been promoted and those who are self-employed.

**Presenter:** Christine Robbins, Specialist, Strategic Research, CNIB & Mahadeo Sukhai, Ph.D., Head of Research and Chief Accessibility Office, CNIB
303  What is CAD? (Certified Audio Describers)
This workshop will provide attendees with an overview of the audio description certification process that is occurring on behalf of the Academy for Certification of Vision Rehabilitation & Education Professionals (ACVREP) in the United States. We will present a review of the process, an update from the Body of Knowledge and Scope of Practice subcommittees, the implication for Canada, and invite discussion and perspectives from the audience.

**Presenters:** Deborah Fels, Professor, Ted Rogers School Information Technology Management & Emily Harding, Described Video Specialist, AMI

401  Connecting the Dots with Innovative Design Thinking
In a fast-paced and complex world, the need to develop innovation skills is crucial. Explore an introduction to a human-centered design approach for tackling innovation barriers. This session will help you develop creative and effective processes, strategies and solutions to support innovation. Innovation Thinkers use a process powered by empathy to create efficient programs that meet their client’s needs and dreams.

**Presenter:** Carolina Cohoon, Specialist, Deafblind Community Services

402  Soundscape
As the next step on the journey to enabling a more accessible Canada for all, Microsoft Canada announced the availability of Soundscape, an app that empowers people who are blind or partially sighted to explore the world around them through a 3D audio experience.

**Presenter:** Damian Milczarski, Education Expert, Microsoft

403  Navigating the Digital Wayfinding Landscape
As the world around us is ever-changing, many municipalities, transit agencies and technology companies have come forward to address the challenges of travelling in unfamiliar environments. This session will focus primarily on the Greater Toronto Area, but the technology tools covered in this session work in any locale.

**Presenter:** Debbie Gillespie, Built Environment & Transit Consultant, CNIB Foundation

501  Quote, Unquote – A UEB Update
After many proposals (both subtle and drastic), a worldwide survey and extensive discussions, a revision to the UEB rule on quotations and the apostrophe have been approved. This session will provide attendees with a detailed examination of the revised rule and a look at how it will affect your braille.

**Presenter:** Phyllis Landon, Code Maintenance Office of ICEB
502  
**Blindness, Mental Health and Employment**  
While much research has been done on the factors relating to blindness and employment in general, more information on the relationship between blindness and mental health in the employment context is badly needed. An examination of the existing literature presents several themes useful for the development of future research questions and hypotheses. These include the role of discrimination and perceived stigma, and the relationship between self-efficacy, locus of control, and employment status.  
**Presenters:** Ashley Shaw, Accessible Community Engagement Coordinator, CNIB Foundation & Mahadeo Sukhai, Ph.D., Head of Research and Chief Accessibility Office, CNIB

601  
**The Good, the Bad and the Fabulous!**  
If someone had told me ten years ago that I could access nearly any book I wanted and that I could even read it in braille, I would never have believed it. Automated braille translation (such as Apple’s braille support) has made this a reality. However, generating braille without human intervention has its challenges. When is automated braille a viable option, when is it problematic and when is it quite simply a dream come true?  
**Presenter:** Jen Goulden, Project & Quality Manager, Crawford Technologies

503  
**Flagship Service Canada Centre**  
In this session, Carly Brisbane from Service Canada will talk about the design and implementation of their Flagship Service Canada Centre. Learn how Service Canada demonstrated inclusivity by design by bringing different perspectives to the table; collaborating with persons with disabilities, accessibility stakeholders, clients and staff, moving beyond accessibility to inclusive co-creation.  
**Presenter:** Geneva Yee & Joshua Kirchener

602  
**Fireside Chat**  
During this “fireside chat”, Kelly MacDonald discusses his lengthy career in the entertainment industry. From the early days of Voiceprint, to starring in the AMI original television series Blind Sighted, to hosting Kelly and Company on AMI-audio, we learn about the magic that happens behind the cameras and microphones, and what it takes to make it as a professional broadcaster.  
**Presenters:** Kelly MacDonald, Host of AMI’s Kelly and Company & Andrew Morris, Commissioned Content AMI-tv
603
Unbound, Book Club panel
Learn more about CNIB’s newest national literacy initiative for adults. Are you a reader of accessible formats or know someone who is? Maybe you’re looking for your next great read or want to connect with an inclusive community of book lovers. Join us to hear more about our Facebook Group and Podcast series.

**Presenters:** Ryan Hooey, Program Lead Advocacy and Accessible Community Engagement, CNIB Foundation, Natalie Martiniello, Member of the CNIB Book Club, Joe Bernard, CNIB Volunteer, & James Denas, Podcast Host.

701
BANA: Provisional Guidance on transcribing MATH
Since UEB Guidelines for Technical Material provides very little guidance for format, BANA is publishing a document to provide additional formatting suggestions to achieve a reasonable level of standard transcription.

**Presenter:** Lorraine Banks, Volunteer UEB Transcriber and Instructor, CNIB

702
Venture Zone Game
Build a company! Make millions! The Venture Zone Game is a business simulation game for iOS that teaches players to run a business and learn entrepreneurial strategy—hiring, marketing, branding, ordering products, negotiating retail deals and more. This interview-style session will describe Totem Learning’s experience of developing the Venture Zone Game for CNIB—including the lessons on building a game with accessibility in mind. Attendees are encouraged to download The Venture Zone Game from the Apple App Store to participate in a demo of the game during this session.

**Presenters:** Spencer Holmes, Director, Totem Learning Ltd. & Nathan Hester, Lead Developer, Totem Learning Ltd.

703
Know Your Rights
Through the Know Your Rights Project, the CNIB Foundation has developed plain language legal information and resources to empower Ontarians who are blind, partially sighted or Deafblind to better understand their rights.

In this session, we’ll review helpful legal services and community supports. Learn how to identify legal issues, navigate the Ontario legal system, and self-advocate to challenge discrimination.

**Presenters:** Avery Au, Lawyer and CNIB’s Know Your Rights Lead, Kat Clarke, Manager of Advocacy and Government Affairs, CNIB Foundation & Shannon Kinch, Lawyer and Project Coordinator, CNIB’s Know Your Rights
801  
4 C’s of Accessibility  
As innovative solutions are developed to improve accessibility in public spaces, the workplace, and beyond, social awareness and understanding of accessibility issues is more important than ever. This workshop introduces the 4 C’s of accessibility (collaboration, customization, communication and connection) through hands-on simulations, discussions, and opportunities to breakdown misconceptions about sight loss and blindness. This session is intended for all individuals hoping to make their workplace, program, or services more inclusive.  
**Presenters:** Natalie Minnema, Co-Founder and Accessibility Consultant, Two Canes Consulting & Sarina Cormier, Co-Founder and Accessibility Consultant, Two Canes Consulting

802  
Employment of Guide Dog Handlers  
With academic and professional credentials across a wide range of disciplines, the CNIB Foundation’s research team is passionate about contributing to knowledge and understanding of blindness in Canada and around the world. This session will deliver an overview of employment research conducted by CNIB to better understand the employment of guide dog handlers in Canada.  
**Presenter:** Danika Blackstock, Research Associate, CNIB

803  
UEB Standing Alone Rule  
The standing Alone Rule demystified. One of the benefits of UEB is that it is unambiguous by design. But one of the more difficult concepts to grasp is the Standing Alone Rule. During this session, we will provide concrete examples of the rule and explain its use. We welcome audience participation and look forward to discussing this rule during the session.  
**Presenters:** Debbie Gillespie, Built Environment & Transit Consultant, CNIB Foundation & Darleen Bogart, National Convenor, CNIB Foundation
Visit the CNIB Work Zone at Connecting the Dots! Network with professionals to develop and support your career ambitions.

**At the CNIB Work Zone, you will have an opportunity to:**

- have a professional headshot taken for your LinkedIn profile;
- strengthen your personal brand by connecting with an HR coach to receive feedback on your resume or LinkedIn profile;
- gain valuable career advice from influential people in the recruitment industry through networking with HR pros from Deloitte, HSBC, Meridian Rogers, and more;
- perfect your elevator pitch and practice your interviewing skills in our coaching corner;
- meet a vibrant community of entrepreneurs from CNIB Venture Zone and purchase their one-of-a-kind goods and services;
- and, learn about our upcoming digital e-commerce marketplace for entrepreneurs with sight loss.

Visit the Green Room to experience the CNIB Work Zone!
On behalf of The CNIB Foundation and the Connecting the Dots Committee, we would like to thank Bell for being a generous sponsor of the 2019 Connecting the Dots Conference. Thank you!
Thank You

The CNIB Foundation would like to thank everyone for attending the 2019 Connecting the Dots Conference in Toronto.

Our goal was to bring people together to partake in dynamic experiences and informative conversations about braille, technology and employment for people with sight loss.

Your enthusiasm and participation helped to make this conference a great success! We hope the conference has been educational and met your expectations.

To make next year’s conference even more successful, an email will be sent to you with an online survey for your feedback and evaluation. We thank you in advance for your comments and suggestions.

Thank you to the vibrant group of speakers, panellists and entrepreneurs for sharing your ideas, products, research, and expertise with the group.

A very special thank you to CNIB’s volunteer braille transcribers for transcribing conference documents, and to CNIB staff and volunteers who contributed to this year’s conference.

The conference was made possible through the generous support of our sponsors and exhibitors. We thank the following organizations for helping make the conference a success and for bringing innovative ideas and opportunities to our event.

Stay engaged with the CNIB Foundation by visiting cnib.ca.
If you’ve got a piece of printed text you need brailled, the CNIB Brailleroom has you covered. We can braille just about anything you might need, free of charge for CNIB clients:

- Letters and greeting cards
- Household labels
- Music scores
- Course material
- Knitting patterns
- Prescription/medical information
- Appliance instructions
- Anything you need!

Just email us your text in a Word document at brailleroom@cnib.ca, or you can mail or drop off your printed materials to:

CNIB Brailleroom (Room 104) | 1929 Bayview Avenue | Toronto, ON M4G 3E8

**IMPORTANT**
Please include the following information with your braille request:

- **Your contact information**
  Name, mailing address, phone number and email address

- **Type of braille you’d like**
  Contracted or uncontracted

- **How you’d like the material returned**
  Embossed paper (11” x 11” or 8½” x 11”), electronic braille, or a BRF file

- **Your due date**
  When you’d like the material to be ready for pick-up or delivered to you

For more information, email us at brailleroom@cnib.ca
Founded in 1918, the CNIB Foundation is a non-profit organization driven to change what it is to be blind today. We deliver innovative programs and powerful advocacy that empower people impacted by blindness to live their dreams and tear down barriers to inclusion. Our work as a blind foundation is powered by a network of volunteers, donors and partners from coast to coast to coast. To learn more or get involved, visit cnib.ca.

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