

RO&Ming with Lil Episode 17

Accessing street corners with 3D printing – Leona



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Introduction to Episode 16

Welcome to Leona Holloway

- Researcher at Monash University – accessible graphics
- Started in braille transcription at RVIB

Unified English Braille

- Australian Braille Authority has a directory of braille services

<http://brailleaustralia.org/finding-braille/directory/>

Unified English Braille

- Australian Braille Authority has a directory of braille services
<http://brailleaustralia.org/finding-braille/directory/>
- Braille produced for school children by Education Departments
- Braille for others produced by
 - Braille House www.braillehouse.org.au/
 - Vision Australia
 - Royal Society for the Blind
 - VisAbility

Monash University

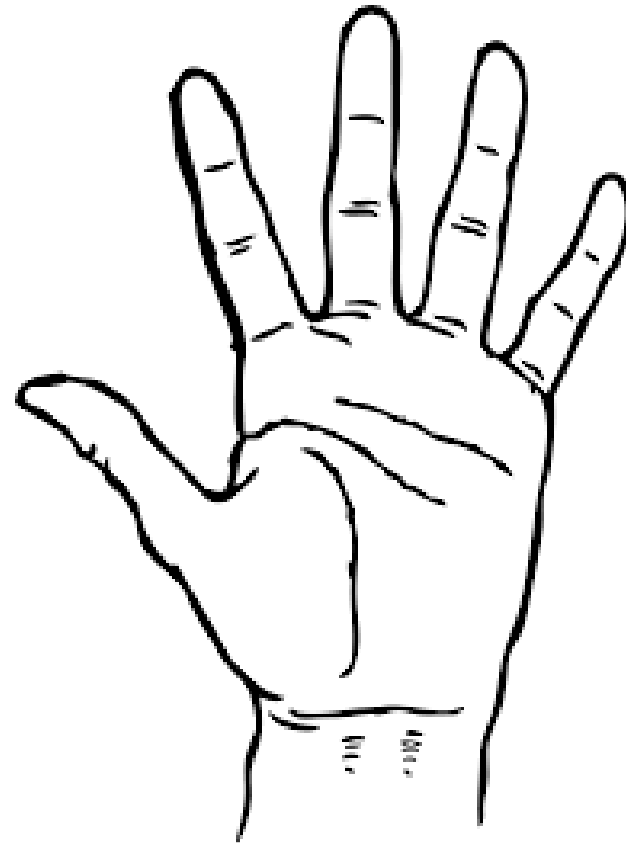
- Email leona.holloway@monash.edu
- Faculty of information technology
- Department of Human-centred computing
- Inclusive technologies team – new
- Tech for people with low vision, blindness and other disabilities
- Department of Human-centred computing
- Sensilab – using technology creatively
 - novel ideas... prototypes... iterations...
 - arts
 - public engagement
- Already have guidelines for tactile graphics
- Now developing guidelines for 3D printing for touch readers

Accessible graphics

- Focusing on touch readers rather than print readers
- 3D printing easier to understand than 2D maps and graphics
- Monash University team accessiblegraphics.org
 - ANZAGG - Australia and New Zealand Accessible Graphics Group meets monthly
<http://printdisability.org/about-us/accessible-graphics/>
 - Diagram 3D working group – meets fortnightly, international
 - Ubus – Europe
- Thingiverse – 3D printing designs for free download
www.thingiverse.com

WESST – a mnemonic for exploring anything thoroughly

- Weight – thumb is heavy
- Ends & Edges – pointer finger
- Size – tallest finger
- Shape – ring finger
- Sound
- Texture - pinky
- Temperature



- Brannock, G., & Golding, L. (2000). *The 6 step method of teaching orientation and mobility*. Brisbane, Australia: Authors.

DIY tactile graphics – oldies but goodies

- Spur wheel – dressmaker’s wheel – makes a perforated line on the page
- Glue – trace over picture to get a raised line
- Tactile drawing kit
- Silicone baking mat + paper + pen – will produce a raised line
- Slit tape – now available at officeworks
- Wiki sticks
- blutac
- Lollymap – baking paper on print map, chocolate and lollies on top
- PIAF – Pictures in a Flash, with swell paper



Conferences earning COMS points

- OMAA Online Symposium

- 22 September 2020

- Register at:

- <https://shortcourses.ridbc.org.au/events/omaa-online-symposium-2020/>

Orientation + Mobility
Association of Australasia



- SPEVI Conference – Celebrating Change!

- 18-19 January 2021

- <https://www.speviconference.org.au/>



SPEVI
South Pacific Educators
in Vision Impairment

Contacts / Resources

- Links and PowerPoint slides for *RO&Ming with Lil*

www.lildeverell.net/resources/roaming-with-lil/

- To discuss VROOM and OMO, offer feedback, suggest a topic, or record an episode together:

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Credits

- Music
 - *Happy Stroll*, a royalty-free download from Purple Planet Music
- Graphics created by Lil Deverell with
 - PhotoShop lessons and technotherapy from Erin Deverell
 - Photos from
 - An amateur drone photographer from Cornwall, flying over a spaghetti junction in Birmingham (royalty-free)
 - Christine Darwood, a wildlife spotter in the ACT who snapped our sprightly echidna crossing the road (used with permission)
 - Rob Keating, a Canberra-based photographer, who found a weathered wombat crossing the road (purchased from <https://keatingmedia.com.au>)

