

2024 TropiQ Research Symposium

Program

1 October 2024

TropiQ Townsville Research Symposium

Poster Presentations

POSTER Author Name	Title of the submission
Ms Annemarie Lawrence	Measuring patient perspective in public health service maternity care
Ofra Fried	Palliative Medicine in Australasia - The birth of a new specialty
Liyan Wang	Diabetes myonecrosis - a debilitating complication in an Indigenous young woman with long standing type 1 diabetes mellitus
Dr Tanya Mellett	SIGHT- Study of Imaging in Geriatric Head Trauma
Heather Stapleton / Madeline De Leon / Veronica Smith	Gaining insight into the Post Anaesthetic Care Unit (PACU) nurses perception of the numerical pain scale (0-10), and its efficacy in the PACU.
Sabine Finlay	Adverse Childhood Experiences, Allostatic load index and Later Mental Health Symptoms from the ALSPAC Longitudinal Birth Cohort
Dr Leigh-ann Onnis	Evaluated interventions for improving rural and remote health workforce sustainability: The Work4rrs Toolkit
Carolyn Heward	A Scoping Review of Military Culture, Military Identity and Mental Health Outcomes in Military Personnel
Amogh Bhardwaj	Incidence of Type 1 Diabetes at first presentation at the Townsville University Hospital - A Retrospective Study
Zhi Yi Lim	Influence of Family History and Pancreatic Autoantibodies on DKA Risk in New-Onset Type 1 Diabetes at the Townsville University Hospital -a retrospective study.
Vidula Garde	Psychological interventions for reducing non-cardiac Emergency Department Representations - A Pilot Randomized Controlled Trial
Amanda Krause	Radio: A social surrogate
Emma Chapman	How Much Is Too Much - Eye Irrigation in Chemical Burn Injuries
Kate Zhang	Does pre pregnancy counselling improve pregnancy outcomes in patients with Type 1 and Type 2 Diabetes: a nine-year (2015-2024) hospital audit.
Ines Zuchowski; Albert Kuruvila, Rebecca Lee	Integrating Social Work in General Practice Settings
Susan Wright	Push and Pull Factors for Junior Doctors Training and Working in North QLD Regional, Rural and Remote
Felicity Dick	Giving HOPE to patient mealtimes - an evaluation of implementation science in practice
Felicity Dick	Brighter Lives shining HOPE on hospital mealtimes - A volunteer adapted mealtime assistance program
Ayush Gautam	Gender Disparities and Mortality Predictors in Atrial Fibrillation Patients from North Queensland
Julia Chequer de Souza	Tachycardia-induced cardiomyopathy secondary to paroxysmal typical atrioventricular nodal re-entrant tachycardia in a post-partum patient
Tameem Quader	The Efficacy of Continuous Glucose Monitoring Based Machine Learning Algorithms in Predicting Hypoglycaemia in Patients with Type 1 Diabetes Mellitus: A Systematic Review and Meta-Analysis

Radio: A social surrogate

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Introduction

Social surrogacy can provide a sense of belonging, develop attachments overtime, and represent real social bonds (Schäfer & Eerola, 2020). Music and radio listening can function as a social surrogate, engendering feelings of connection and community in the absence of direct interaction (Krause, 2020). Radio itself draws high engagement from large audiences in Australia and is “perfectly placed to tackle the far-reaching social issue of loneliness” (Order, 2017, p. 244). This is important given social isolation and loneliness are ever-pressing societal concerns, especially as their impact on our health is comparable to that of sedentary lifestyles, obesity, and smoking (House, et al., 1988).

Method

James Cook University Ethical Approval: H8022

Data from interviews and focus groups conducted with

- 16 Australian radio personnel from 6 stations broadcasting in Melbourne, VIC, Australia > 6 female and 10 male, aged 30-81 (*Mdn* = 61)
- 32 Older adult listeners > 25 female and 7 male, aged 64-83 (*Mdn* = 72.50) > majority listen daily (*M* = 4.48 hours), tuning into 1-5 stations (*Mdn* = 3)

Data analysis

- Audio recordings → verbatim transcripts
- Thematic analysis (Braun & Clarke, 2006)

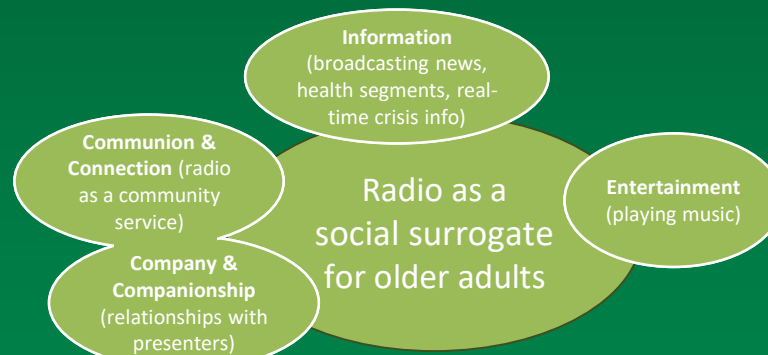
References

Braun, V., & Clarke, V. (2006). Using thematic analysis in psychology. *Qualitative Research in Psychology*, 3(2), 77-101. | Cann, P. (2017). Arts and cultural activity: A vital part of the health and care system. *Australasian Journal on Ageing*, 36(2), 89-95. | House, J. S., Landis, K. R., & Umberson, D. (1988). Social relationships and health. *Science*, 241, 540-545. | Krause, A. E. (2020). The role and impact of radio listening practices in older adults' everyday lives. *Frontiers in Psychology*, 11, Article 603446. | Krause, A. E., & Fletcher, H. (2023). The purpose of radio and how it supports older adults' well-being. *Frontiers in Computer Science*, 5, Article 1111806. | Order, S. (2017). All the lonely people, where do they all belong: Community radio and social connection. *Radio Journal: International Studies in Broadcast & Audio Media*, 15(2), 243-258. | Schäfer, K., & Eerola, T. (2020). How listening to music and engagement with other media provide a sense of belonging: An exploratory study of social surrogacy. *Psychology of Music*, 48(2), 232-251.

Results

It's "information, entertainment, companionship... I think it's an even mix of those three things, and you have to be ready to provide all of them whenever they're needed." (a presenter)

"It's information, entertainment, and connection, and companionship" (a listener)



"Yeah, I think connecting is probably a really good point, too, because you develop a sort of connection with the presenters of programs. Over time you feel like maybe they become friends, though you have never met them, if you know what I mean. But just to have that company in the home, well as you say, in the kitchen." (a listener)

"I think the relationship that listeners have particularly over a long period of time, like multiple years, you become a part of their family... you're conscious of the fact that you can potentially have that deep connection to people, and they feel like they know you. And you have to respect that. That's a very privileged position to be in." (a presenter)

Discussion

Alongside the increasing evidence for how music and the arts can facilitate well-being (e.g., Cann, 2017), our case study adds evidence that radio offers a nonpharmacological and arts-based ways to support quality of later life. The low-cost, accessibility of the radio as well as the variety of content means that it is well-placed to contribute to the promotion of well-being.

Though not considered a “new” technology, older adults use a variety of digital devices including mobile telephones, tablets, and the television to explore AM, FM, and internet radio. This versatility in technological access coupled with radio’s ability to reach people in regional and remote locations, transmit information during crises, and provide feelings of community and connection beyond entertainment mean that the radio offers people a very important medium for supporting well-being (Krause & Fletcher, 2023).

To champion radio engagement for well-being, visit: <https://bit.ly/Radio-WB>

