

# CURRICULUM VITAE & LIST OF PUBLICATIONS

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Dr. Ryan Kelly  
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## ACADEMIC QUALIFICATIONS

2009 – 2014	<b>Doctor of Philosophy in Computer Science</b>	PhD thesis: “Fairness in the Division and Completion of Collaborative Work” Department of Computer Science, University of Bath, United Kingdom
2008 – 2009	<b>Master of Science in Advanced Computer Systems: Human-Computer Interaction</b>	University of Bath, United Kingdom Graduated with Distinction
2003 – 2006	<b>Bachelor of Science (Honours) in Applied Psychology and Computing</b>	Bournemouth University, United Kingdom Graduated with Upper Second-Class Honours (2i)

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## EMPLOYMENT HISTORY

Sep 2021 – Current	<b>Senior Research Fellow in Human Computer Interaction</b>	School of Computing and Information Systems, The University of Melbourne
Jan 2021 – Sep 2021	<b>Research Fellow in Human Computer Interaction</b>	School of Computing and Information Systems, The University of Melbourne
Sep 2019 – Dec 2020	<b>Research Fellow in Informal Information Networks (0.8 FTE)</b>	School of Computing and Information Systems, The University of Melbourne
Jan 2019 – Dec 2020	<b>Lecturer in Human Computer Interaction (0.2 FTE)</b>	School of Computing and Information Systems, The University of Melbourne
Oct 2017 – Sep 2019	<b>Research Fellow in Human Computer Interaction (0.8 FTE from Jan 2019 onwards)</b>	Microsoft Research Centre for Social Natural User Interfaces, The University of Melbourne
May 2017 – Oct 2017	<b>Consulting Research Fellow</b>	School of Computing and Communications, The Open University, United Kingdom
April 2014 – April 2017	<b>Research Fellow</b>	Department of Computer Science, University of Bath
Jan 2014 – April 2014	<b>Freelance Researcher (Self-employed)</b>	Lumivo Inc and Cactus Communications
Oct 2010 – June 2012	<b>Tutor and Teaching Assistant</b>	Department of Computer Science, University of Bath

## HONORARY POSITIONS

Oct 2017 – present      **Honorary Research Fellow**      School of Computing and Communications,  
The Open University, United Kingdom

May 2017 – April 2018      **Visiting Research Fellow**      Department of Computer Science  
University of Bath

## TEACHING EXPERIENCE

### The University of Melbourne

**Lecturer** for User Interface Development, Semester One 2020, 56 students.

- Developed course content and assessment materials in collaboration with Dr. Greg Wadley.
- Designed tutorial activities, assignment specifications and marking rubrics from scratch.
- Delivered face-to-face and online lectures on website analysis, graphic design, sketching and high-fidelity prototyping using Adobe XD.

**Subject Coordinator** for Usability Engineering, Semester One 2019, 60 students. (Student evaluation = 4.6/5)

- Responsible for coordinating unit in collaboration with Dr. Melissa Rogerson.
- Delivered lectures on user-centred design, user experience and natural user interfaces.
- Oversaw tutoring team, created formal examination, and supervised exam marking.

**Guest Lecturer** for Social Computing, eHealth Technologies and Applications and Fundamentals of Interaction Design, 2019 – 2022.

- Delivered guest lectures on my research to undergraduate and master's students.

**Convenor**, HCI Masterclasses on *Reviewing Conference and Journal Papers in Human-Computer Interaction*, *Writing Rebuttals for CHI*, *Qualitative Analysis for HCI*, *Grounded Theory* and *Writing CHI Papers*

### University of Bath

**Head Tutor** for Collaborative Systems (MSc Computer Science unit), 2012

**Tutor** for Integrated Project and Designing Interactive Systems (Undergraduate units), 2009–2012

## RESEARCH GRANTS

### Awarded

**2022:** Kristen Graham, Jenny Waycott, **Ryan Kelly**, Brendan McKenzie, Joey Eggar, Nina Bowes, Teresa Soderlund. *The Dossy Project - Community Connect: Combating social isolation through meaningful video connections*. Aged Care Research and Industry Innovation (ARIIA Australia), \$200,000.

**2022:** **Ryan Kelly**, Ben Loveridge, Solange Glasser, Margaret Osborne. *Interrogating the Ethics of Biometric Capture in Immersive Musical Performance*. CAIDE seed funding, \$20,000 (Chief Investigator)

**2021:** Felicity Baker, Mahanraj Karunanithi, Jenny Waycott, Amit Lampit, Jeanette Tamplin, Christian Redd, Tanara Vieira Sousa, Karen Lamb, Adam Vogel. *Music Attuned Technology Care eHealth (MATCH): A music based mobile eHealth solution to support care of people with dementia*. Medical Research Future Fund — \$1.9m. (Associate Investigator).

**2020: Ryan Kelly**, Melissa Rogerson. *ANCHOR Project: Health Economics and Epidemiology of Myalgic Encephalomyelitis/Chronic Fatigue Syndrome*. Medical Research Future Fund – \$30,000. (Consultancy)

**2020:** Niels Wouters, **Ryan Kelly**, Kobi Leins. *Airport Biometrics: Exploring Public Perception of New Biometrics-driven Airport Experiences*. Melbourne Airport, \$36,402, rising to \$200,000. (Cancelled due to COVID-19).

**2020:** George Buchanan, Dana McKay, Shanton Chang, Michael Twidale. *Improving Interactions for Digital Browsing of Large Collections*. ARC Discovery Project, \$410,000. (Named Research Associate).

**2019: Ryan Kelly**. *Designing Digital Technologies to Alleviate Student Homesickness*. University of Melbourne Early Career Researcher Award – \$20,849. (Chief Investigator)

### Requested

**2023:** Kristen Graham, Jenny Waycott, **Ryan Kelly**, Brendan McKenzie, Joey Eggar, Tim Humphries. *The Dossy Project - ResidentialConnect: Enhancing the capacity of the aged care workforce to improve the social connections of their clients*. Aged Care Research and Industry Innovation (ARIIA Australia), \$200,000.

**2021:** Felicity Baker, Nicole Lautenschlager, Jenny Waycott, Qing Zhang, Jeanette Tamplin, Tanara Vieira Sousa, Samantha Loi, **Ryan Kelly**, Mahnoosh Kholghi. *Music Attuned Technology for Care via eHealth (MATCH): A music based mobile eHealth solution for people with dementia*. NHMRC Ideas Grant, \$1.8m requested. (Chief Investigator, withdrawn due to successful MRFF award).

### AWARDS

**Honourable Mention for Best Paper Award**, ACM CHI 2022 (top 5% of 2,579 submissions)

**Honourable Mention for Best Paper Award**, ACM CSCW 2022 (top 4% of submissions)

**Best Paper Award**, ASIST 2022 (top 3 papers)

**Best Paper Award**, ACM CHI 2021 (top 1% of 2844 submissions)

**Honourable Mention for Best Paper Award**, ACM CHI 2021 (top 5% of 2844 submissions)

**Best Paper Award**, ACM CHI 2019 (top 1% of 2958 submissions)

**Honourable Mention for Best Paper Award**, ACM CHI 2019 (top 5% of 2958 submissions)

**Honourable Mention for Best Paper Award**, ACM CSCW 2017 (top 5% of 530 submissions)

**Nineteen SIGCHI “Special Recognition” Awards** for exceptional reviewing at ACM conferences:

CSCW 2021, CHI 2021 x2, CSCW 2020 x3, CHI 2020 x3, CHI 2019, CSCW 2017, DIS 2016, CHI 2017 x2, CHI 2016 x2, CHI 2015

**EPSRC PhD Studentship** (fees + stipend), University of Bath, 2009

### SUPERVISION AND MENTORING

#### PhD Student Supervision

Samangi Wadinambi Arachchi, 2022 – present. Generative AI in design. Co-supervisor.

Elsy Garcia Reyes, 2022 – present. Older adults’ use of health technology. Co-supervisor.

Yushan Xing, 2021 – present. Supporting community participation for older people. Co-supervisor.

Wei Zhao, 2021 – present. Designing for older adults’ social engagement. Co-supervisor.

Sami Alkhatib, Completed 2022. Privacy in aged care monitoring devices. Co-supervisor.

## Research Assistants

Yushan Xing, University of Melbourne, 2022 – present.

Yueyang Cheng, University of Melbourne, August – December 2020.

Yaoxi Shi, Microsoft Centre for Social NUI, September – December 2018.

## Advanced HCI Project Supervisor, *Master of Information Technology, University of Melbourne*

Wen Si (2021, Semester Two) – Improving browsing of video streaming services

Xiao Han (2021, Semester Two) – Designing a chatbot for mental health

Gina Xu (2020, Semester Two) – Pace with ME: an activity pacing app for ME/CFS

Yilu Shen (2020, Semester One) – Mindfulness in virtual reality with eye-tracking

## HCI Project Supervisor, *Master of Information Technology, University of Melbourne*

Supervised 21 students from 2019 – 2022. 19 as principal supervisor.

Jonathan Thai 2023 – Information seeking behaviour by students for financial literacy

Nanqian Lie 203 – AI-mediated communication in close relationships

Sally Zhang – Understanding user experiences of information browsing

Ruoyi Wang – Improving the design of video calling applications for older adults

Shike Li – Information browsing strategies on Little Red Book

Wen Si 2021 – Designing technologies to alleviate student homesickness

Xiao Han 2021 – Artificial intelligence in digital communication technologies

Zhihang Yu 2021 – Understanding the online knowledge sharing behaviour of older adults

Charlie Wang 2021 – Investigating older adults' use of Douyin for content creation

Yueyang Cheng 2020 – Designing VR for homesickness using story completion

Yang Zhao 2020 – Technology to prevent homesickness for international students

Xinyao Wan 2020 – Designing a desktop display for the wellbeing of remote workers

Yihan Wu 2020 – Understanding perceptions of AI in online dating profiles

Gina Xu 2020 – AI-mediated communication in close relationships

Arass Nithyaraj 2020 – Explainable AI for close personal relationships

Vaidehi Patel 2020 – Buddsy: a chatbot to prevent international student homesickness

Yilu Shen 2019 – CoasterMe: supporting workplace awareness with a desktop widget

Wei Wang 2019 – The Orchard: an app for effortful communication in close relationships

Arnold Angelo 2019 – Technology to prevent homesickness for Indonesian students

Jiaqing Chen 2019 – Awareness displays for coordination in shared workspaces

Mingying Lin 2019 – Awareness displays for coordination in shared workspaces

## Dissertation Supervisor, *BSc (Hons) Computer Science, University of Bath, UK*

Michael Kenning 2017 – Supporting credibility judgements of news articles on Facebook

Harry Hartley 2017 – Dynamic training videos and their effect on game tournament results

Kennet Ingram 2016 – Gamification to motivate completion of chores in shared houses

Chris Smith 2015 – Investigation of factors affecting microblog credibility perceptions

Johnny Thompson 2015 – User-generated gestures for authentication using leap motion

## Other Mentoring

*Co-founder*, IDL Postdocs Peer Mentoring Group, University of Melbourne, 2020

*Host*, Welcome to Melbourne Program, University of Melbourne Alumni Association, 2020

*Peer mentor*, Mentoring at Melbourne School of Engineering, 2019

*Review mentor*, CSCW 2018–2019 student reviewing program. Mentored the reviews of PhD students from TU Delft, University of Maryland, LMU Munich and University College London (four students in total)

## ENGAGEMENT AND OUTREACH

### Media Coverage

My research has been publicised to an estimated global audience of over 250 million people. This includes coverage from national and international media outlets including TV ([BBC News](#), [ABC News](#)), radio and podcasts ([ABC Melbourne](#), [AI Australia](#), [Eliza](#)), magazines ([Wired](#), [Buzzfeed](#)), online portals ([Yahoo!](#), [Phys.org](#), [Postcrossing Blog](#), [ComputerWorld](#)), and print ([Sydney Morning Herald](#), [Australian Financial Review](#), [Washington Times](#)).

Our “Biometric Mirror” research project received commentary in over 150 online pieces and television coverage in 22 countries. I appeared as a guest speaker in Al-Jazeera’s “[All Hail the Algorithm](#)” documentary, which aired to more than 80 million people globally. These activities led to collaborations with Australian artist [Lucy McRae](#) and an exhibition of Biometric Mirror at the State Library of Victoria (covered by [ABC News](#)). We exhibited our work at festivals including the [Bendigo Innovation and Film Festival](#), [Splendour in the Grass 2019](#) and [Melbourne Knowledge Week 2019](#). We later demonstrated Biometric Mirror at the [World Bank and World Engineers Convention](#) in Washington D.C., USA, and the [World Economic Forum’s 2019 “Summer Davos”](#) event in Dalian, China. This is the WEF’s second-largest annual global convention.

### Invited Talks

Keynote speaker, *Biometric Mirror*. Camberwell Girls Grammar School, 20<sup>th</sup> Apr 2021  
Seminar speaker, *Homesickness and Digital Technology*. University of Melbourne, 23<sup>rd</sup> Feb 2021.  
Seminar speaker, *Biometric Mirror*. Swinburne Mental Health Interest group, 30<sup>th</sup> Aug 2019  
Keynote speaker, *Mobile AR and the Honeypot Effect*. Tiny Riot Games, UK, 20<sup>th</sup> Jun 2019  
Keynote speaker, *AI for Good Challenge*. Camberwell Girls Grammar School, 14<sup>th</sup> Jun 2019  
Keynote speaker, *AI for Good Challenge*. Lauriston Girls’ School, 6<sup>th</sup> Jun 201

## ACADEMIC SERVICE

### Invited Conference Committee Membership

Awards Chair, [ACM CSCW 2023](#)  
Program Co-chair, [OzCHI 2019 long papers](#)  
Co-chair, [OzCHI 2018 short papers, works-in-progress and demonstrations](#)

### Invited Program Committee Membership

Associate Chair, [ACM CHI 2023 technical program committee \(Health subcommittee\)](#)  
Associate Chair, [ACM CSCW 2023 technical program committee](#)  
Associate Chair, [ACM CHI 2022 technical program committee \(Health subcommittee\)](#)  
Associate Chair, [ACM CSCW 2022 technical program committee](#)  
Program Committee Member, [ACM CHIIR 2022](#)  
Associate Chair, [ACM CHI 2021 technical program committee \(Health subcommittee\)](#)  
Associate Chair, [ACM CHI 2021 late-breaking work](#)  
Associate Chair, [ACM CSCW 2021 technical program committee](#)  
Program Committee Member, [ACM CHIIR 2021](#)  
Associate Chair, [ACM CHI 2020 late-breaking work](#)  
Associate Chair, [ACM CSCW 2019 technical program committee](#)  
Associate Chair, [ACM CSCW 2018 technical program committee](#)

Associate Chair, [ACM CHI 2018 late-breaking work](#)  
Program Committee Member, [CSCW 2018 posters](#)  
Associate Chair, [ACM MobileHCI 2017 late-breaking work](#)

### **Journal Reviewing**

Proceedings of the ACM on Interactive, Mobile, Wearable & Ubiquitous Technologies (IMWUT) (2019–2021)  
Proceedings of the ACM on Human-Computer Interaction (CSCW) (2018–2021)  
Journal of the Association for Information Science and Technology (JASIST) (2017–2021)  
ACM Transactions on Computer-Human Interaction (TOCHI) (2018–2021)  
International Journal of Human-Computer Interaction (IJHCI) (2020–2021)  
International Journal of Human-Computer Studies (IJHCS) (2017–2021)  
International Journal of Medical Informatics 2021  
International Journal of Intercultural Relations 2021  
Journal of Medical Internet Research: Human Factors (2019–2021)  
Personality and Social Psychology Bulletin 2018  
Human-Computer Interaction (2017–2020)

### **Conference Reviewer**

ACM Conference on Computer Supported Cooperative Work and Social Computing (2014–2021)  
ACM Conference on Computer-Human Interaction (CHI, 2010–2021)  
ACM Conference on Designing Interactive Systems (DIS, 2012–2021)  
ACM Conference on Human-Computer Interaction with Mobile Devices and Services (2020–2021)  
ACM Conference on Interactive Surfaces and Spaces (ISS, 2018)  
IFIP International Conference on Human-Computer Interaction (INTERACT, 2013–2015)  
Australian Conference on Human-Computer Interaction (OZCHI, 2018–2021)  
British Human-Computer Interaction Conference (British HCI, 2012–2016)  
Asia-Pacific Conference on Computer Human Interaction (APCHI, 2012)

### **Other Service**

Session Chair, ACM CSCW 2018  
CHI preparation seminar organiser, The University of Melbourne, 2018  
Co-chair of the HCI seminar series, University of Bath, 2015–2017 and 2010–2011  
Student Volunteer, CSCW 2014, CSCW 2013, British HCI 2011  
Feature Editor, ACM Crossroads (XRDS) Magazine, 2012 – 2014

## SCHOLARLY RESEARCH PUBLICATIONS

**Overview:** I publish actively in the field of Human-Computer Interaction (HCI). In HCI, the primary publication venues are fully refereed conference proceedings. Journals are also prestigious.

I am committed to public dissemination of knowledge. All my publications are available as open access through my website, ResearchGate, and university repositories.

**Google Scholar:** <https://scholar.google.com.au/citations?user=qmM84tlAAAAJ&hl=en>

**Metrics:** Citations = 1000+, h-index = 16 (as of April 2023)

**Quality of publications:** My conference publications are benchmarked against [rankings from CORE](#) (Computing Research and Education), the association of leading Australian & New Zealand computing academics. The CORE rankings provide an overall assessment of all computing sub-disciplines, not just HCI. Out of all publications ranked by CORE, 7% are A\* and 23% are A. Venues with A\* ratings are regarded as internationally leading, and those with A are regarded as top venues.

For journal papers, I have provided a quality rating using the [SCImago Quartile Rating](#) system. These rankings range from Q1 (best) to Q4, where Q1 journals are in the top 25% globally and Q2 are in the top 50%. I have put N/A in cases where a ranking is not available.

In the list below, papers in respective sections are listed in chronological order of publication, from most to least recent.

### Fully Refereed Conference Proceedings

	CORE RANK
1. Wei Zhao, <b>Ryan M. Kelly</b> , Melissa J. Rogerson, and Jenny Waycott. 2023. Older Adults Using Technology for Meaningful Activities During COVID-19: An Analysis Through the Lens of Self-Determination Theory. <i>In Proceedings of CHI Conference on Human Factors in Computing Systems (CHI '23)</i> .	A*
2. Sarah Webber, <b>Ryan M. Kelly</b> , Greg Wadley, and Wally Smith. 2023. Engaging with Nature through Technology: A Scoping Review of HCI Research. <i>In Proceedings of CHI Conference on Human Factors in Computing Systems (CHI '23)</i> .	A*
3. Wei Zhao, <b>Ryan M. Kelly</b> , and Jenny Waycott. 2023. Technology Deployment for Social Connection in Residential Aged Care: Care and Technology Providers' Experiences During the COVID-19 Pandemic. <i>In Extended Abstracts of CHI Conference on Human Factors in Computing Systems (CHI '23)</i> .	A*
4. Jenny Waycott, <b>Ryan M. Kelly</b> , Steven Baker, Barbara Barbosa Neves, Saoane Thach, Reeva Lederman. 2022. The Role of Staff in Facilitating Immersive Virtual Reality for Enrichment in Aged Care: An Ethic of Care Perspective. <i>In Proceedings of CHI Conference on Human Factors in Computing Systems (CHI '22)</i> . <b>Honourable Mention for Best Paper Award - Top 5% of 2,579 submissions</b>	A*
5. Anam Ahmad Khan, Sadia Nawaz, Joshua Newn, <b>Ryan M. Kelly</b> , Jason M. Lodge, Eduardo Velloso. 2022. To type or to speak? The effect of input modality on text understanding during note-taking. <i>In Proceedings of CHI Conference on Human Factors in Computing Systems (CHI '22)</i> .	A*
6. George Buchanan, <b>Ryan Kelly</b> , Stephann Makri & Dana McKay 2022. Reading Between the Lies: A Classification Scheme of Types of Reply to Misinformation in	N/A

7. Huiwen Zhang, George Buchanan, **Ryan Kelly**, Michael Twidale, Shanton Chang, Dana McKay. 2022. It's Still Rock and Roll to Me: A Model of Online Browsing Behaviour. *Proceedings of the Annual Meeting of the Association for Information Science and Technology (ASIST)*.  
**Best Paper Award (top 3 papers at the conference)** N/A
8. **Ryan M. Kelly**, Yueyang Cheng, Dana McKay, Greg Wadley, and George Buchanan. 2021. "It's about missing much more than the people": How Students use Digital Technologies to Alleviate Homesickness. *In Proceedings of CHI Conference on Human Factors in Computing Systems*.  
**Honourable Mention for Best Paper Award - Top 5% of 2844 submissions** A\*
9. Brandon V. Syiem, **Ryan M. Kelly**, Jorge Goncalves, Eduardo Velloso and Tilman Dingler. 2021. Impact of user task on attentional tunnelling in handheld augmented reality. *In Proceedings of CHI Conference on Human Factors in Computing Systems*.  
**Best Paper Award - Top 1% of 2844 submissions** A\*
10. Steven Baker, Jenny Waycott, Romina Carrasco, **Ryan M. Kelly**, Anthony Jones, Jack Lilley, Briony Dow, Frances Batchelor, Thuong Hoang, and Frank Vetere. 2021. Avatar-mediated communication in social VR: an in-depth exploration of older adult interaction in an emerging communication platform. *In Proceedings of CHI Conference on Human Factors in Computing Systems*. A\*
11. Brandon V. Syiem, **Ryan M. Kelly**, Eduardo Velloso, Jorge Goncalves, and Tilman Dingler. 2020. Enhancing visitor experience or hindering docent roles: attentional issues in augmented reality supported installations. *2020 IEEE International Symposium on Mixed and Augmented Reality (ISMAR)*. A\*
12. Yihan Wu and **Ryan M. Kelly**. 2020. Online dating meets artificial intelligence: investigating the impact of algorithmic profile generation on perceptions of attractiveness and trust. *In Proceedings of the 32nd Australian Computer-Human Interaction Conference*. B
13. Yilu Shen and **Ryan M. Kelly**, 2020. CoasterMe: supporting informal workplace awareness through the everyday behaviour of drinking. *In Extended Abstracts of the 2020 CHI Conference on Human Factors in Computing Systems*. A\*
14. Sojung Bahng, **Ryan M. Kelly**, and Jon McCormack. 2020. Reflexive VR storytelling design beyond immersion: facilitating self-reflection on death and loneliness. *In Proceedings of the 2020 CHI Conference on Human Factors in Computing Systems*. A\*
15. Kate Ferris, **Ryan M. Kelly**, Ross Brown, Greg Wadley, Steven Baker, Jenny Waycott, Eduardo Velloso, and Selen Türkay, 2019. Virtual and Augmented Reality for Positive Social Impact. *Workshop held at the 31st Australian Computer-Human Interaction Conference, December 3-5, 2019, Perth, WA, Australia*. B
16. Niels Wouters, **Ryan Kelly**, Eduardo Velloso, Katrin Wolf, Hasan Shahid Ferdous, Joshua Newn, Zaher Joukhadar, and Frank Vetere. 2019. Biometric mirror: exploring A



values and attitudes towards facial analysis and automated decision-making. In *Proceedings of the 2019 Designing Interactive Systems Conference*.

17. **Ryan M. Kelly**, Hasan Shahid Ferdous, Niels Wouters, and Frank Vetere. 2019. Can mobile augmented reality stimulate a honeypot effect? Observations from Santa's Lil Helper. In *Proceedings of the 2019 CHI Conference on Human Factors in Computing Systems*.  
**Honourable Mention for Best Paper Award - Top 5% of 2958 submissions** A\*
18. Ahed Aladwan, **Ryan M. Kelly**, Steven Baker, and Eduardo Velloso. 2019. A tale of two perspectives: a conceptual framework of user expectations and experiences of smartphone fitness apps. In *Proceedings of the 2019 CHI Conference on Human Factors in Computing Systems*. ACM Press, Paper 394, pp. 1–15 (15 pages).  
**Best Paper Award - Top 1% of 2958 submissions** A\*
19. Tabby Davies, Simon L. Jones, and **Ryan M. Kelly**. 2019. Patient perspectives on self-management technologies for chronic fatigue syndrome. In *Proceedings of the 2019 CHI Conference on Human Factors in Computing Systems*. ACM Press, Paper 222, pp. 1–13 (13 pages). A\*
20. **Ryan Kelly**, Daniel Gooch, and Leon Watts, 2018. Designing for reflection on sender effort in close personal communication. In *Proceedings of the 30th Australian Computer-Human Interaction Conference*. December 4–7, 2018, Melbourne, VIC, Australia. ACM Press, pp. 1–12 (12 pages). B
21. Bingjie Yu, **Ryan Kelly**, and Leon Watts. 2018. Reacting to political videos: the potential of Danmaku. In *Companion Proceedings of the 2018 ACM Conference on Computer Supported Cooperative Work and Social Computing*. ACM Press, pp. 141–144 (5 pages). A
22. Blaine A. Price, **Ryan Kelly**, Vikram Mehta, Ciaran McCormick, Hanad Ahmed, and Oliver Pearce. 2018. Feel my pain: design and evaluation of painpad, a tangible device for supporting inpatient self-logging of pain. In *Proceedings of the SIGCHI Conference on Human Factors in Computing Systems*, ACM Press, Paper 169, pp. 1–13 (13 pages). A\*
23. Michael Kenning, **Ryan Kelly**, and Simon L. Jones. 2018. Supporting credibility assessment of news articles in social media using star ratings and alternate sources. In *Proceedings of the 2018 CHI Conference Extended Abstracts on Human Factors in Computing Systems*. ACM Press, pp. 1–6 (6 pages). A\*
24. Patrick Millais, Simon L. Jones, **Ryan Kelly**. 2018. Exploring data in virtual reality: comparisons with 2D data visualizations. In *Proceedings of the 2018 CHI Conference Extended Abstracts on Human Factors in Computing Systems*. ACM Press, pp. 1–6 (6 pages). A\*
25. **Ryan Kelly**, Daniel Gooch, Bhagyashree Patil, and Leon Watts. 2017. Demanding by design: supporting effortful communication practices in close personal relationships. In *Proceedings of the 20th ACM conference on Computer-Supported Cooperative Work and Social Computing*. ACM Press, pp. 70–83 (14 pages).  
**Honourable Mention for Best Paper Award - Top 5% of 530 submissions** A

26. **Ryan Kelly**, Leon Watts, and Stephen J. Payne. 2016. Can visualization of contributions support fairness in collaboration? Findings from meters in an online game. In *Proceedings of the 19th ACM conference on Computer-Supported Cooperative Work and Social Computing*. ACM Press, pp. 664–678 (15 pages). **A**
27. Daniel Gooch and **Ryan Kelly**. 2016. Season’s Greetings: an analysis of Christmas card use. In *Proceedings of the 2016 CHI Conference Extended Abstracts on Human Factors in Computing Systems*. ACM Press, pp. 2105-2111 (8 pages). **A\***
28. Simon Jones and **Ryan Kelly**. 2016. Finding “interesting” correlations in multifaceted personal informatics systems. In *Proceedings of the 2016 CHI Conference Extended Abstracts on Human Factors in Computing Systems*. ACM Press, pp. 3099-3106 (8 pages). **A\***
29. **Ryan Kelly**, Daniel Gooch, and Leon Watts, 2015. Is ‘additional’ effort always negative? Understanding discretionary work in interpersonal communications. In *Proceedings of the 18th ACM Conference Companion on Computer Supported Cooperative Work and Social Computing*. ACM Press, pp. 191-194 (4 pages). **A**
30. **Ryan Kelly** and Stephen J. Payne, 2014. Collaborative web search in context: a study of tool use in everyday tasks. In *Proceedings of the 17th ACM conference on Computer-Supported Cooperative Work and Social Computing*. ACM Press, pp. 807–819 (14 pages). **A**
31. **Ryan Kelly** and Daniel Gooch, (2012). Understanding participation and opportunities for design from an online postcard sending community. In *Proceedings of the ACM conference on Designing Interactive Systems*. ACM Press, pp. 568–571 (4 pages). **A**

### Fully Refereed Journal Articles

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|  | <b>SCIMAGO</b> |
| 1. Yushan Xing, <b>Ryan M. Kelly</b> , Melissa J. Rogerson, and Jenny Waycott. 2023. "Keeping the Program Going": Technology Use by Community Organizations to Support the Social Connectedness of Older Adults During the COVID-19 Pandemic. In <i>Proceedings of the ACM on Human-Computer Interaction (CSCW)</i> .  | <b>Q1</b>      |
| 2. Elsy Garcia Reyes, <b>Ryan M. Kelly</b> , George Buchanan, and Jenny Waycott. 2023. Understanding Older Adults' Experiences with Technologies for Health Self-Management: Interview Study. <i>Journal of Medical Internet Research: Aging</i> .   | <b>Q1</b>      |
| 3. <b>Ryan M. Kelly</b> , Elizabeth M. Seabrook, Fiona Foley, Neil Thomas & Maja Nedeljkovic, and Greg Wadley. 2022. Design Considerations for Supporting Mindfulness in Virtual Reality. <i>Frontiers in Virtual Reality</i> .  | <b>N/A</b>     |
| 4. Wei Zhao, <b>Ryan M. Kelly</b> , Melissa J. Rogerson, and Jenny Waycott. 2022. Understanding older adults' participation in online social activities: lessons from the COVID-19 pandemic. In <i>Proceedings of the ACM on Human-Computer Interaction (CSCW)</i> . ACM, New York, NY, USA.<br><b>Honourable Mention for Best Paper Award - Top 4% of submissions</b> | <b>Q1</b>      |
| 5. Joshua Newn, <b>Ryan M. Kelly</b> , Simon D'Alfonso & Reeva Lederman. 2022. Examining and Promoting Explainable Recommendations for Personal Sensing  | <b>Q2</b>      |

6. Nneka Orji, Julie A. Campbell, Karen Wills, Martin Hensher & Andrew J. Palmer, Melissa Rogers, **Ryan M. Kelly**, Barbara de Graaf. 2022. Prevalence of myalgic encephalomyelitis/chronic fatigue syndrome (ME/CFS) in Australian primary care patients: only part of the story? *BMC Public Health*, vol. 22, no. 1 **Q1**
7. Jenny Waycott, Wei Zhao, **Ryan M. Kelly**, and Elena Robertson. 2022. Technology-mediated enrichment in aged care: survey and interview study. *Journal of Medical Internet Research: Aging*. 5(2):e31162. DOI: <https://doi.org/10.2196/31162> **Q1**
8. Anam Ahmad Khan, Joshua Newn, **Ryan M. Kelly**, Namrata Srivastava, James Bailey, and Eduardo Velloso. 2021. GAVIN: Gaze-assisted voice-based implicit note taking. In *ACM Transactions on Human-Computer Interaction*. ACM Press, pp. 1–31 (31 pages). **Q2**
9. Sami Alkhatib, **Ryan Kelly**, Jenny Waycott, George Buchanan & Marthie Grobler et al. 2021, “Who Wants to Know all this Stuff?!”: Understanding Older Adults’ Privacy Concerns in Aged Care Monitoring Devices’, *Interacting with Computers*, vol. 33, no. 5, pp. 481– 498 **Q2**
10. Simon L. Jones, William Hue, **Ryan M. Kelly**, Rosie Barnett, Violet Henderson, and Raj Sengupta. 2021. Determinants of adherence in smartphone-based self-tracking for chronic health conditions: evidence from longitudinal self-tracking in axial spondyloarthritis. *Proceedings of the ACM on Interactive, Mobile, Wearable and Ubiquitous Technologies (IMWUT)*. 5 (1), Article 16. ACM Press, pp. 16:1–24 (24 pages). **Q2**
11. **Ryan M. Kelly**, Simon L. Jones, Blaine A. Price, Dmitri Katz, Ciaran McCormick, and Oliver Pearce, 2021. Measuring daily compliance with physical activity tracking in ambulatory surgery patients: comparative analysis of five compliance criteria. *Journal of Medical Internet Research: mHealth and uHealth*, 9 (1):e22846. JMIR Publishers. pp. 1–15 (15 pages). **Q1**
12. Steven Baker, **Ryan M. Kelly**, Jenny Waycott, Romina Carrasco, Roger Bell, Zaher Joukhadar, Thuong Hoang, Elizabeth Ozanne, and Frank Vetere. 2021. School's back: scaffolding reminiscence in social virtual reality with older adults. *Proceedings of the ACM on Human-Computer Interaction (CSCW)*, 4, Article 150. ACM Press, pp. 1–25 (25 pages). **Q1**
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