

RESEARCH NEWSLETTER

Murtupuni Centre for Rural and Remote Health



RESEARCH UPDATE

Foreword by A/Prof Santosh Jatana
Head of Research, MCRRH



Welcome to the inaugural issue of our research newsletter at the Murtupuni Centre for Rural and Remote Health (MCRRH). Despite some disruptions caused by COVID-19, we have had a great year at MCRRH. In 2021 our team has grown, with the addition of four new researchers across our patch.

Our high quality, innovative research is demonstrated this year, with 40 peer-reviewed journal article publications this year, 22 of which are in Q1 journals (SCI Quartile Ranking) as well as 23 presentations at 17 Australian and international conferences and symposiums. The team has also conducted over 30 workshop and seminar presentations, aiming to inform

OUR RESEARCH IMPACT

GRANTS & FUNDING

CURRENT PROJECTS

BUILDING RESEARCH CAPACITY IN NWQ

MEDIA & AWARDS

2021 PUBLICATIONS



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& REMOTE HEALTH

our partners, collaborators and community members about our research projects, findings, and resulting in health service improvements; and to deliver research education opportunities to clinical staff and novice researchers.

In 2021 we have supported or commenced nine Higher Degree by Research students, as well as supporting four other student research projects, including Honours, Graduate Diploma, and Masters students. We have been delighted to have been visited by James Cook University researchers & academics, who have visited the outback to present research, form collaborative networks, and discuss research and education opportunities for NWQ clinicians and researchers.

We are also proud to report that several of our research team members are recipients of high-profile Australian awards, and have featured in both local and national media, which shows that our research is making a difference, not only in Australia, but internationally.

Our research team has also been awarded the JCU Research Excellence Award for 2021, a great achievement for our centre and our team, that demonstrates our commitment and achievements towards improving rural and remote health services, workforce capacity, and Aboriginal and Torres Strait Islander health outcomes.

As the year draws to its close, I thank my team for their research contributions that made a difference. While the year 2021 has presented many challenges, there is much to be thankful for and we look forward to working with you with much enthusiasm in 2021. I wish you all a very happy, relaxing and safe holiday period.

Santosh



MCRRH Researchers Dr Santosh Jatrana, Catherine Hays, Stephanie King, and Dr Yaqoot Fatima (L-R)

OUR RESEARCH IMPACT

The team at MCRRH has undertaken pioneering research which has a significant impact on policy, practice and community. Our research has more than 2000 citations in Google Scholar and has informed and been cited in various seminal policy documents nationally and internationally including the National Parliamentary Standing Committee's recommendations to improve Sleep Health Awareness in Australia (2019), UK Parliament briefing notes (2018), and the advisory committee report to the Commonwealth of Pennsylvania. The citations on sleep research have highlighted the need for further research into Indigenous Australians' sleep health and demonstrated the long-term impact on health of poor sleep, sleep deprivation in adolescents, supporting the case for delaying secondary school start times.

Our research and partnerships have helped to strengthen primary care services in NWQ, implement student-assisted health services, and improve community awareness and appreciation of health and research. Our researchers have collaborated and work in partnership with health and research organisations across our footprint, including our local Hospital and Health Services, government and non-government health organisations, Aboriginal Community Controlled Health Organisations, local shire councils, and cultural leaders.

Some highlights for 2021 include:

- Co-designed and community needs-based research projects implemented in Mount Isa & Weipa
- Availability of a new sleep clinic, to reduce wait time for sleep apnoea diagnosis, and associated logistical and financial barriers
- Adaption of Diabetes Education Tool (FeltMan) for sleep education in Indigenous Australian communities
- Training of Aboriginal youth workers to become 'sleep coaches' to promote sleep health and hygiene in Queensland Aboriginal and Torres Strait Islander communities
- Recommendations from our research has been implemented to reduce ED presentations for primary healthcare problems
- Implementation of a student-assisted allied health early intervention service in Weipa
- Implementation of an expanded pharmacy project for ear health in two remote communities in Queensland
- Community appreciation and understanding of health issues and research outcomes
- Research education provided to health professionals, students, and novice researchers throughout the year
- Building rural, remote and Indigenous workforce capacity for research, including involvement in research projects and co-authorship of publications
- Dissemination of research findings to our local communities, clinicians and members of our wider networks
- MCRRH's Outback Allied Health Forum 2021, in collaboration with North West Hospital and Health Service and North West Remote Health
- Support of 13 student projects, ranging from honours to PhD-level projects

RESEARCH GRANTS

We are proud to report that the MCRRH team has been successful in attaining and attracting several health research grants* this reporting period, including:

Cairns A. "Economic assessment of disability models of care for remote communities" Cooperative Research Centre for Developing Northern Australia Grant.	\$240,000
Cairns A. "Providing kidney care close to home: Evaluating the Cape York Kidney Care model." Tropical Australian Academic Health Centre Seed Funding.	\$50,000.00
Cairns A. "A Community Driven Approach to Health Care Partnership with Health Care Outcomes with Indigenous Communities in North Queensland." Tropical Australian Academic Health Centre Seed Funding.	\$27,000.00
Cairns A. Research assistance. Tropical Australian Academic Health Centre.	\$18,328.00
Cairns A. "Developing an evaluation framework for community rehabilitation in remote Northern Australia". Tropical Australian Academic Health Centre Seed Funding.	\$50,000.00
Currie N. "Evaluation of a student-assisted community rehabilitation and lifestyle service in Cape York." Health Practitioner Research Scheme, Queensland Health.	\$30,000.00
Fatima Y. Nurse-led and Aboriginal health worker supported model for Obstructive Sleep Apnoea diagnosis and management in remote Queensland. Tropical Australian Academic Health Centre Research Seed Grants.	\$50,000
Fatima Y. Co-designing and evaluating youth mental health services in remote, Central and NW Qld funded by Western Queensland Primary Care Collaborative Limited Research Grant.	\$207,800
Fatima Y. ED Presentation Project. Western Queensland Primary Care Collaborative Limited.	\$250,000
Felton-Busch, C. WOMen's action for Mums and Bubs (WOMB): A pragmatic trial of participatory women's groups to improve Indigenous maternal and child health. National Health and Medical Research Council Project Grant.	\$1,766,216.40
Felton-Busch, C. Quality improvement in Indigenous primary health care: Leveraging Effective Ambulatory Practices (LEAP). National Health and Medical Research Council Partnership Grant.	\$1,129,210.90
Felton-Busch, C. CRE-STRIDE: Centre for Research Excellence. National Health and Medical Research Council Grant.	\$2,498,733.00
Felton-Busch, C. VOICE - Validating Outcomes by Including Consumer Experience. Developing a Patient Reported Experience Measure for Aboriginal and Torres Strait Islander people accessing primary health care. National Health and Medical Research Council Medical Research Future Fund Grant.	\$1,430,917.85
Felton-Busch, C. Working it Out Together! Aboriginal and Torres Strait Islander led co-design for a strong and deadly health workforce. National Health and Medical Research Council Partnership Grant.	\$904,772.20
Larkins S. Evaluation of WQPHN Health Care Model of care. Western Queensland Primary Health Network.	\$46,000
Miller A. Research assistance "Developing research capacity in Weipa, Cape York". Tropical Australian Academic Health Centre.	\$38,863.00
Varela S. 2021 Service Critical Workforce Project. Queensland Health.	\$140,000
West, S. Children's Hospital Foundation. 2020 Health Services Research Grant Round.	\$100,000

*Only lead investigator name is listed

OUR CURRENT PROJECTS

The team at MCRRH is undertaking research to provide evidence to improve health service delivery, the recruitment and retention of health professionals in rural and remote Australia and Aboriginal and Torres Strait Islander health and wellbeing. Our aim is to improve health outcomes through evidence-based and culturally responsive service planning, implementation, and evaluation. The research ranges from student led projects to large scale Category 1 projects and partnership research and evaluation projects. It is also important to note that many of our research projects fall under multiple research priority areas for MCRRH.

Health Services Delivery

Members of our research team, including Dr Yaqoot Fatima, Dr Alice Cairns, Stephanie King, Laura Wright, and Catherine Hays are undertaking research that focuses on improving and evaluating rural and remote health services delivery.

Current projects:

- Co-designed sleep health program to achieve better sleep and improved mental health symptoms in Indigenous adolescents
- Innovative service delivery model and local capacity building for sleep apnoea diagnosis and management in remote communities
- Western Queensland Primary Health Network Health Care Home Trial Evaluation project
- Mount Isa Emergency Department project
- Economic Modelling of Allied Health and Disability Models of Care

Rural and Remote Health Workforce Research

Our research team, including Dr Alice Cairns, Dr Santosh Jatrana, Selina Taylor, Laura Wright, and Catherine Hays are involved in research that investigates and contributes to the stability of the rural and remote Australian health workforce, from students to registered health professionals.

Current projects:

- Evaluation of a Student-Assisted Healthy Ageing Service for Weipa, Napranum and Mapoon
- Evaluation Framework for Community Rehabilitation Services in Remote Northern Australia
- Attitudes and Practices Towards the COVID-19 Pandemic in Australia
- Impact of COVID-19 on Rural Student Placements
- Rural and Remote Expanded Pharmacy Practice
- Remote Area Nurse (RAN) safety
- Exploring the Remote Campus Nursing Student Experience

Aboriginal and Torres Strait Islander Health

Our researchers, particularly Associate Professor Catrina Felton-Busch, Dr Alice Cairns, Dr Yaqoot Fatima, and Sally West are involved in projects focusing on improving the health of Aboriginal and Torres Strait Islander Peoples.

Current projects:

- Providing kidney care close to home: Evaluating the Cape York Kidney Care model



Professor Sabina Knight, facilitating the National Rural Allied Health Service & Learning Consortia in Queenstown, TAS.

- Women's action for Mums and Bubs (WOMB): A pragmatic trial of participatory women's groups to improve Indigenous maternal and child health
- Quality improvement in Indigenous primary health care: Leveraging Effective Ambulatory Practices (LEAP)
- VOICE - Validating Outcomes by Including Consumer Experience
- Working it Out Together! Aboriginal and Torres Strait Islander led co-design for a strong and deadly health workforce
- PARIS Remote: The implementation of nasal high flow therapy for children in the remote setting (study sites: Thursday Island, Weipa, Cooktown)

Mental Health

Dr Fatima Yaqoot, Alycia Jacob, Natasha Burns and Kirsten Russell are undertaking projects that aim to improve rural and remote mental health service provision.

Current projects:

- Co-designing youth mental health services in rural and remote communities

- Exploring community needs for physical activity as part of mental health services using the Community Readiness Model

Other Projects

- Investigating the dynamics of migration and health in Australia: A Longitudinal Study

BUILDING RESEARCH CAPACITY

The work of MCRRH has focused on not only supporting the local Higher Degree in Research students but has also partnered with health, community, and education services to build research capacity within the local health workforce and community.

In 2021, we have also continued to support Aboriginal and Torres Strait Islander researchers, including undertaking and publishing research, professional development opportunities, undergraduate and post-graduate study, collaboration with James Cook University academics, and provision of cultural mentoring and education to students and health professionals.



Rural pharmacy academic Selina Taylor with Mount Isa Pharmacy First staff, who participated in LISTEN-UP, an expanded scope of practice & rural health workforce research project.
(Photo credit: North West Star)



Attendees of the 2021 Outback Allied Health Forum, Mount Isa.

The third biennial Outback Allied Health Forum (OAHF), a collaboration between Murtupuni Centre for Rural and Remote Health, North West Hospital and Health Service, North and West Remote Health, and Gidgee Healing, was held in Tjirtamai Hall on the 24th and 25th of June 2021. The OAHF provides clinicians in the region with a chance to present research and project findings to other health professionals and researchers and build professional networks. It also provides novice researchers and first-time presenters with a chance to develop their research skills. The MCRRH Research Team supported the OAHF by facilitating a “How to write an abstract for a conference” workshop for presenters, which was presented by Dr. Yaqoot Fatima.

Planning has also begun for MCRRH's next biennial *Are you remotely interested...?* conference, to take place in mid-2022. We hope to see you there!

In 2021, MCRRH researchers commenced bi-monthly research seminars to give our staff an opportunity to present on our current and completed research projects and provide clinicians the opportunity to develop their research skills. In October and November 2021, the MCRRH research team also held weekly research training workshops with the aim to educate each other and provide research education opportunities for local clinicians and researchers across our footprint on a variety of topics. Members of our wider networks including Hospital and Health Service staff, other health providers and researchers were invited to attend these sessions.

The research team members continue their personal journeys of skill and knowledge development in areas that they are passionate about. Staff have enrolled in various HDR and post-graduate courses, and attended research workshops locally and nationally through a range of physical and virtual platforms. We are proud of their ambitions and achievements towards them so far.

Supervision of HDR students

Our academics are also building research capacity through supervision of higher degree research and post-graduate students in 2021:

- Dr Sharon Varela supervised one Masters student and two psychology Honours students.
- Christine Foley supervised two Masters students, one provisional psychologist, and two psychology honours students.
- Dr Alice Cairns is currently supervising three PhD students and one Masters student.
- Dr Yaqoot Fatima is currently supervising three MPhil students and six PhD students.
- Associate Professor Santosh Jatrana is currently supervising one MPhil student and two PhD students.

HDR Student Research Projects

- Jessica Muller: “Development of a cultural responsiveness audit tool for organisations.” (PhD)
- Khadija Fatima: “The link between sleep and educational outcomes in Indigenous Australian children.” (MPhil)
- Kirsten Russell: “Exploring community needs for physical activity as part of mental health services using the Community Readiness Model.” (MPhil)
- Laura Wright: Remote Area Safety Project (RASP): A mixed methods study of health workforce safety policies and implementation.” (MPhil)
- Muhammad Anwar Hossain: “Humanitarian Migrants' Settlement in Australia: A Longitudinal Study.” (PhD)
- Sally West: “PARIS-REMOTE: Implementation of Nasal High Flow in the Remote Context.” (PhD)
- Sarah Jackson: “Stroke survivors harnessing technology to drive their own recovery in remote NWQ.” (PhD)
- Selina Taylor: “Expanded pharmacy practice in rural and remote Australia.” (PhD)
- Terese Collins: “Exposure to violence in childhood and perpetration of domestic violence/ Intimate Partner Violence (IPV) in adulthood.” (PhD)

Other Student Projects

- Catherine Hays: “Exploring the remote campus nursing student experience: a phenomenological study.” (MPH)
- Tahlia Colley: “Understanding the Interaction between Trauma and Autism Spectrum Disorder in Young Children.” (MProfPsy)
- Stephanie King: "Yarning about the effectiveness of yarning circles in sleep research"; "Healthcare students' experience and satisfaction with sharing the accommodation on rural and remote placements and its impact on the opportunities for Inter-professional Learning (IPL)." (GDipResMeth)
- Archana S & Wattum, S. Professional psychology in practice. Virtual placement with the Centre for Rural and Remote Health and NWHHS. (Psychology Hons)



MEDIA & AWARDS

Professor Sabina Knight, AM

In 2021, Murtupuni Centre for Rural and Remote Health's Director, Professor Sabina Knight (above) was granted membership of the Order of Australia (AM) for significant service to rural and remote health, nursing, and education.

Dr Yaqoot Fatima

Dr Yaqoot Fatima (left) is a leading and recognised voice advocating for sleep health promotion, particularly in Aboriginal and Torres Strait Islander communities. Her research is frequently featured in international, national, state, and regional media and covered by over 250 media outlets nationally and internationally, including The Guardian, Daily Telegraph, Xinhua News Agency, Courier-Mail, The Age, The Hindu, The Tribune, 7 News etc. She has also undertaken print interviews (8), radio interviews (>25) with SBS, ABC (Regional and National), 2GB, 4BC, National Indigenous Radio Service, and television interview with ABC to disseminate research outside academia.

Her work is also featured in news portals catering to specific groups, such as the

newsletters from the National Association of Special Education Teachers and Koori mail (National Indigenous Newspaper). She also uses other platforms for information sharing, such as contributing to Science News for Students and writing for the Conversation. Her recent article in The Conversation has been read over 47,000 times and translated into French (>35,000 reads) and Japanese (News Sphere), suggesting her research is offering important information to readers. Her project entitled *Co-designed sleep health program to achieve better sleep and improved mental health symptoms in Indigenous adolescents* was selected as one of the focus pieces in the Research Australia report, showcasing the benefits of the Medical Research Future Fund (MRFF). Additionally, her research paper *Late bedtime and BMI gain in Indigenous Australian children in the longitudinal study of Indigenous children* was selected to feature in Wiley's Research Headlines, recognising the paper as one of the most newsworthy research published across Wiley's journals for that week.

Dr Fatima was the recipient of the Queensland Young Tall Poppy Science Award in 2021, for her contributions towards science and research promotion, communication, and advocacy to improve access to sleep services and empower rural, remote, and Indigenous Australian communities.



Sally West

Sally West, based in Weipa, has recently been in the media for her research and related workshops for her PhD project, PARIS-REMOTE: Implementation of Nasal High Flow in the Remote Context. Sally's work has been featured by the National Rural Health Alliance's Partyline magazine, the Australian Institute of Tropical Health and Medicine's annual report, and the Paediatrics Research in Emergency Departments International Collaborative (PREDICT) newsletter.

Laura Wright

Laura Wright's recently published literature review, undertaken as part of her M.Phil project regarding RAN safety, was featured in the Australian Nursing and Midwifery Journal and an interview on Radio National Breakfast. RAN safety has been in the spotlight since the tragic murder of South Australian nurse Gayle Woodford in 2016, and Laura's research project has investigated current safety strategies for RANs working in rural and remote regions, as well as research-based recommendations.

Selina Taylor

Selina Taylor, MCRRH's Remote Pharmacy Academic and PhD student, has been featured in the North West Star for her research project investigating rural and remote community pharmacists' expanded scope of practice. This project also included the trial and evaluation of a pilot program, in which pharmacists undertook nationally accredited tympanometry and otoscopy training to deliver an ear screening service in two community pharmacies.

Selina was the winner of the James Cook University 3-Minute Thesis (3MT) competition in 2021 for the College of Medicine and Dentistry. Selina, pictured left, was also awarded the Pharmaceutical Society of Australia's Queensland Pharmacist of the Year, 2021, for her contributions to pharmacy.

Watch this space for the impact of her research!



2021 PUBLICATIONS

Journal Articles

Begum T, **Fatima Y**, Perales F, Anuradha S & Mamun A. Associations of caesarean section with body mass and waist circumference trajectories from age 2 to 13 years: a nationally representative birth cohort study in Australia. *International Journal of Pediatric Obesity*. In press.

Begum T, Saif-Ur-Rahman K, **Fatima Y**, Stekelenburg J, Anuradha S, Biswas T, Doi S & Mamun A. Global incidence of caesarean deliveries on maternal request: a systematic review and meta-regression. *British Journal of Obstetrics and Gynaecology*, 128(5), 798-806.

Blunden S, **Fatima Y** & Yiallourou S. (2021) Sleep health in Indigenous Australian children: a systematic review. *Sleep Medicine*, 80, 305-314.

Cairns A, Geia L, Kris S, Armstrong E, O'Hara A, **Rodda D**, McDermott, R & Barker R. (2021). Developing a community rehabilitation and lifestyle service for a remote Indigenous community, *Disability and Rehabilitation*.

Carlisle K, Matthews V, Redman-MacLaren M, Vine K, Turner NN, **Felton-Busch C**, Taylor J, Thompson S, Whaleboat D, & Larkins S. (2021). A qualitative exploration of priorities for quality improvement amongst Aboriginal and Torres Strait Islander primary health care services. *BMC Health Services Research*, 21(431).

Cheek C, **Hays RB**, & Smith JD. (2021). What's in a name? Research learning outcomes in primary medical education. *The Asia Pacific Scholar*, 6(3), 99-103.

Constantinou G, **Varela S**, & Buckby B. (2021). Reviewing the experiences of maternal guilt – the “Motherhood Myth” influence, *Health Care for Women International*.

Drakatos P, Olaithe M, Verma D, Ilic K, Cash D, **Fatima Y**, Higgins S, Young AH, Chaudhuri KR, Steier J, Skinner T, Bucks R, Rosenzweig I. Periodic limb movements during sleep: a narrative review. *Journal of Thoracic Disease*. doi: 10.21037/jtd-21-1353. In press.

Fatima Y, **Hays R**, **Knight S**, Neilson A, Fleming R, Panaretto K, **Jatrana S**, & **Skinner I**. (2021). Drivers of General Practice Type Presentations to the Emergency Department in a Remote Outback Community. *Australian Journal of Rural Health*, 29(3), 391-398.

Fatima Y, **Hays R**, Neilson A, **Knight S**, **Jatrana S**. (2021). Why patients attend emergency department for primary care type problems: views of healthcare providers working in a remote community. *Rural and Remote Health*. In press.

Fatima Y, Bucks R, Mamun A, **Skinner I**, Rosenzweig I, Leschziner G & Skinner T. (2021). Shift work is associated with increased risk of COVID-19: findings from the UK Biobank cohort. *Journal of Sleep Research*, 30(5).

Gunnarsson RK, **Orda U**, Elliott B, Heal C, Gorges H, Glasziou P, & Del Mar C. (2021). Improving antibiotics targeting using PCR point-of-care testing for group A streptococci in patients with uncomplicated acute sore throat, *Australian Journal of General Practice*, 50(1-2), 76-83.

Hasan M, Soares Magalhaes R, **Fatima Y**, Ahmed S & Mamun A. (2021) Levels, trends, and inequalities in using institutional delivery services in low- and middle-income countries: a stratified analysis by facility type. *Global Health: Science and Practice*, 9 (1).

Hasan MM, Magalhaes RJS, Ahmed S, Pervin S, Tariqujjaman M, **Fatima Y**, & Mamun AA. (2021). Geographical variation and temporal trend in anemia among children 6-59 months of age in low- and middle-income countries during 2000-2018: forecasting the 2030 SDG target. *Public Health Nutrition*. Accepted.

Hasan MM, Ahmed S, Magalhaes RJS, Begum T, **Fatima Y**, & Mamun AA. (2021). Temporal trends in between and within country inequalities in caesarean section use in low- and middle-income countries. *British Journal of Obstetrics and Gynaecology*. Accepted.

Hasan MM, **Fatima Y**, Pandey S, Tariqujjaman M, Cleary A, Baxter J, & Mamun AA. (2021). Pathways linking bullying victimisation and suicidal behaviours among adolescents. *Psychiatry Research*. Accepted.

Hasan MM, Ahmed S, Magalhaes RJS, **Fatima Y**, Biswas T, & Mamun AA. (2021). Double burden of malnutrition among women of reproductive age in 55 low- and middle-income countries: progress achieved and opportunities for meeting the global target. *European Journal of Clinical Nutrition*. Accepted.

Hays C, Devine S, Wongtongkam N, & Glass B. (2021). Studying nursing at Australian satellite university campuses: A review of teaching, learning and support. *The Australian Journal of Rural Health*, 29(2), 226–235.

Hossain MA, & Dawson, A. (2021). Sexual and Reproductive Health Needs, Experiences, Access to Services, And Interventions Among the Rohingya and The Afghan Refugee Women of Reproductive Age in Asia: A Mixed Methods Systematic Review Protocol. *Women, Midwives and Midwifery*, 1(3). Accepted.

Jackson SM, **Solomon SD**, & Barker RN. (2021) "Recovering is about living my life, as it evolves": perspectives of stroke survivors in remote northwest Queensland. *Disability and Rehabilitation*.

Jackson S, Nielbling B, & Barker R. Stroke survivors' perspective on recovering in rural and remote Australia: A systematic mixed studies review. *Australian Occupational Therapy Journal*. *Accepted*.

Jacob A, McCann D, Buykx P, Thomas B, Spelten E, Schultz R, Kinsman L, & Jacob E. The 'disease' of violence against healthcare workers is a Wicked Problem: Managing and Preventing Violence in Healthcare. *Journal of Aggression, Conflict and Peace Research*. Accepted.

Jatrana S, Hasan MM, Mamun AA, & **Fatima Y**. (2021). Global Variation in Hand Hygiene Practices Among Adolescents: The Role of Family and School-Level Factors. *International Journal of Environmental Research and Public Health*, 18, 4984.

Jatrana S. (2021). Gender differences in self-reported health and psychological distress among New Zealand adults. *Demographic Research*, 45, 693–726.

Kanmiki EW, **Fatima Y**, Mamun AA. Multigenerational Transmission of Obesity: A Systematic Review and Meta-Analysis. *Obesity Reviews*. Accepted.

Malau-Aduli BS, **Hays RB**, D'Souza K, Smith AM, Jones K, Turner R, Shires L, Smith J, Saad S, Richmond C, Celenza A, & Sen Gupta TK. (2021). Examiners' decision-making processes in observation-based clinical examinations. *Medical Education*, 55(3): 344–353.

Niebling, BA, **Jackson SM**, Hayward KS, & Barker RN. (2021). Perseverance with technology-facilitated home-based upper limb practice after stroke: a systematic mixed studies review. *Journal of Neuro Engineering and Rehabilitation*, 18(43).

O'Sullivan B, Gurney T, & **Cairns, A**. (2021). Consensus-based framework for the growth and sustainability of rural health research. *The Australian Journal of Rural Health*, 29(4). 1–5.

Ramani S, McKimm J, Forrest K, **Hays R**, Bishop J, Thampy H, Findyartini A, Devi Nadarajah V, Kusurkar R, Wilson K, Filipe H, & Kachur E. Collaborative writing in Health Professions Education: Co-creation of Scholarship. *Medical Teacher*. In press.

Ramani S, McKimm J, Findyartini A, Nadarajah V, **Hays RB**, Chisolm MS, Filipe HP, Fornari A, Kachur E, Kusurkar RA, Thampy H, & Wilson KW. (2021). Twelve Tips for Developing a Global Community of Scholars in Health Professions Education. *Medical Teacher*, 43: 966–971.

Sen Gupta T, Wong E, Doshi D, & **Hays R**. (2021) "Stability" of Assessment: Extending the Utility Equation', *MedEdPublish* 10(1), 155.

Skinner TC & **Skinner IK**. (2021), Willpower beliefs and diabetes distress: a preliminary cross-sectional study. *Practical Diabetes*, 38(1). 11–16a.

Taylor S, Cairns A, & Glass, B. (2021). Consumer perspectives of expanded practice in rural community pharmacy. *Research in Social and Administrative Pharmacy*.

Taylor S, Cairns A, & Glass B. (2021). Developing an ear health intervention for rural community pharmacy: Application of the PRECEDE-PROCEED model. *International Journal of Environmental Research and Public Health*, 18(6456), 1–14.

Taylor SM, Cairns A, & Glass BD. (2021). Rural pharmacists and stakeholders perspectives of expanded pharmacy practice: A descriptive study. *The Australian Journal of Rural Health*, 00, 1–13.

Taylor SM, Cairns A, Mantzourani E, & Glass BD. (2021). LISTEN UP (Locally Integrated Screening and Testing Ear aNd aUral Programme): a feasibility study protocol for a community pharmacy-based ear health intervention. *Pilot and Feasibility Studies*, 7(124), 1–8.

Taylor S, Cairns A, & Glass, B. (2021). Expanded Practice in Rural Community Pharmacy: A Macro, Meso and Micro-level Perspective. *Rural and Remote Health*.

Taylor S, Cairns A, & Glass B. (2021). Expanded Practice for Rural Community Pharmacy: What are we waiting for? *International Journal of Pharmacy Practice*. Accepted.

Thomas J, Butler S, Battye K, Sefton C, Smith J, **Skinner I**, Springer S, Callander E. (2021). Rural placements during undergraduate training promote future rural work by nurses, midwives and allied health professionals. *Australian Journal of Rural Health*, 29(2). 253– 258.

Varela SM, Hays C, Knight S, & Hays, R. (2021). Models of remote professional supervision for psychologists in rural and remote locations: A systematic review. *The Australian Journal of Rural Health*, 29(2), 211–225.

Varela SM, Stenhouse L, Collins D, Henderson M, Wells G, & Subramaniam P. (2021). Rapid evidence assessment of student-assisted

assessment and brief intervention clinics: Addressing the gaps in rural and remote health care. PROSPERO, CRD42021244797.

Wright L, Jatrana S, & Lindsay D. (2021). Workforce safety in the remote health sector of Australia: A scoping review. *BMJ Open*, 11.

2021 PUBLICATIONS

Book Chapters

Fatima Y, Cleary A, King S, Solomon S, McDaid L, Hasan MM, Mamun AA, & Baxter J. (2021). Cultural identity and social and emotional problems in Aboriginal and Torres Strait Islander Children. In *Family Dynamics over the Life Course: Foundations, Turning Points and Outcomes*. Springer.

2021 PUBLICATIONS

Books

Malau-Aduli BS, **Hays RB, & van der Vleuten CPM.** (2021). *Understanding Assessment in Medical Education through Quality Assurance*. McGraw Hill Professional, New York, NY, USA.

2021 SUBMISSIONS, COMMITTEE HEARINGS & OTHER REPORTS

Bourke L, Hellwege B, Jessup B, Heaney S, Sheepway L, Hoang H, Podubinski T, Farthing A, Rasiah R, Fitzroy R, Obamiro K, **Jatrana S**, Argus G, & **Knight S.** (2021). The Impact of COVID-19 on Student Placements facilitated by University Departments of Rural Health. *Australian Rural Health Education Network (ARHEN)*.

Hutchinson J, Bourke L, & **Varela S.** (2021, April). ARHEN Submission to the House of Representatives Select Committee Inquiry into Mental Health and Suicide Prevention (Sub. 189).

Hutchinson J, Bourke L, & **Varela S.** (2021, June 17). House of Representatives Select Committee Inquiry into Mental Health and Suicide Prevention: Public Hearing.



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