

Allied Health Research Achievements & Activity

Summary & Infographics

2022 Data

Date: September 2023

ICARE² values



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Foreword



Dr Kellie Stockton
Executive Director
Allied Health

Allied Health research drives innovation in clinical care for acute and chronic health conditions. Innovative models of care are developed and tested to derive real benefits for patients. The continued focus on “doing better” drives Allied Health clinicians to develop and test new care models.

Metro South Allied Health researchers continued to develop and report their innovative studies. Research metrics in 2022 increased over 2021, while departments were still feeling the service and clinical load impacts of the COVID-19 pandemic. An increase in the number and breadth of Allied Health departments reporting their research activity demonstrates the importance of research to Metro South clinicians.

Conference presentations rebounded strongly in 2022, especially with the return of international travel. A shift in the departments reporting has contributed to strong growth in the number of staff with research higher degrees. The 2022 research output data positions Metro South Allied Health well to continue research engagement and bring meaningful difference to the care we deliver.

Background

Purpose

The Metro South Allied Health *Research Achievements & Activity Reporting Initiative* was designed to centralise research activity reporting across Allied Health/health practitioner departments and/or teams in Metro South Hospital & Health Service (MSHHS) under the purview of the Executive Director of Allied Health, MSHHS. This reporting template was developed to provide the "one source of truth" for research activity reporting in Allied Health/health practitioner departments and/or teams. It also provides an opportunity to celebrate research achievements across the MSHHS district, and easily collate data to showcase Allied Health research impact to the MSHHS Executive.

The Metro South Allied Health *Research Achievements & Activity Reporting Initiative* was conceptualised in 2017 by the MSH Allied Health Research Leadership Committee, under the direction of the Executive Director of Allied Health, and in consultation with the MSH Allied Health directorate. The initiative is coordinated by the WDO-Research position within the Centre for Functioning and Health Research (CFAHR), in MSHHS.

Scope & Intended Use

The *Research Achievements and Activity Reporting Initiative* is focused towards capturing activity and outputs related to current ethically approved research, conducted across Allied Health/health practitioner departments and/or teams in MSHHS within a given activity year. Departments/teams are encouraged to report any activity undertaken by staff members which meets the definition below. Reporting on quality improvement projects/other innovations is optional.

What is defined as "research activity"?

Active involvement in an ethically-approved research project/initiative, or output arising from an ethically-approved research project/initiative (either leading or contributing) by a staff member within a MSHHS Allied Health/health practitioner department and/or team during the calendar year

AND/OR

If a MSHHS Allied Health/health practitioner department and/or team has provided substantial resources (e.g., time, access to patients or patient data, resources or governance) for an ethically-approved research project/initiative during the calendar year

The *Research Achievements & Activity Reporting Initiative* consists of three (3) sections:

(1) **Current Ethically Approved Research Projects**

Ethically approved (standard risk, low risk, or negligible/waived) research projects which departments or teams have led AND/OR contributed to in the calendar year. This section is intended to provide a brief snapshot of Allied Health research activity across the MSHHS district and is designed to foster increased awareness and potential for future collaboration on projects/ideas within and between disciplines and facilities.

(2) **Research Metrics**

Journal publications, conference presentations, successful research grants, research higher degree (RHD) study/support, awards for research and innovation or other relevant research achievements that departments have led AND/OR contributed to in a calendar year.

(3) **Research Capability Self-Assessment Tool**

The Allied Health Research Capability Self-Assessment Tool was released as part of the *Metro South Health Allied Health Workforce Research Capability & Development Strategy for 2021 – 2025*. It provides a simple template for departments/teams to align themselves with the three (3) overarching goals, and six (6) objectives of the Research Capability and Development strategy, and to undertake a self-assessment of their departments' current capability and performance against these objectives.

Each section of the *Research Achievements & Activity Reporting Dashboard* is required to be completed on annual basis. The reporting spreadsheet has been designed to be completed by department directors or team leaders on behalf of their department or team.

Engagement with the Initiative for the 2022 data collection period

Facility	Department	Provided data
PAH	Audiology	Yes
	Division of Rehabilitation Teams / Services	
	- Acquired Brain Injury Transitional Rehabilitation Service	Yes
	- Metro South Persistent Pain Service	Yes
	- Spinal Outreach Team	No
	- Transitional Rehabilitation Program	Yes
	Nutrition & Dietetics	Yes
	Occupational Therapy / Leisure Therapy	Yes
	Pharmacy	Yes
	Physiotherapy	Yes
	Prosthetics, Orthotics & Podiatry	Yes
	Psychology	Yes
	Social Work	Yes
	Speech Pathology	Yes
Radiation Therapy (ROPAIR + ROPART)	Yes (x2)	
Workforce Development team	Yes	
Logan	Audiology	Yes
	Medical Imaging	Yes
	Nutrition & Dietetics	Yes
	Occupational Therapy	Yes
	Pharmacy	Yes
	Physiotherapy	Yes
	Psychology	Yes
	Social Work	Yes
	Speech Pathology	Yes
QEII	Nutrition & Dietetics	Yes
	Occupational Therapy	Yes
	Pharmacy	No
	Physiotherapy	Yes
	Social Work	Yes
	Speech Pathology	Yes
Bayside	Nutrition & Dietetics	Yes
	Occupational Therapy	Yes
	Pharmacy	No
	Physiotherapy + Podiatry	Yes
	Social Work	Yes
	Speech Pathology	Yes
Addiction & Mental Health		Yes
MASS		Yes
Community		No
MSH	CFAHR	Yes
	Equity & Access Team	Yes
TOTAL ENGAGEMENT		90% (38 / 42)
Number or reporting Departments that were "Research Active" (see page 9)		82% (31 / 38)

MSH Allied Health Research Activity 2022 – At a glance

Overall Summary: Allied Health Research Activity 2022

2022 Allied Health Research Achievements Snapshot



264

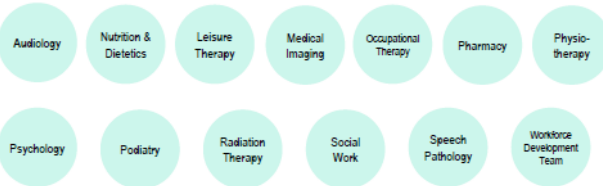
ETHICS APPROVED RESEARCH PROJECTS



65% Multidisciplinary Or Multi-site

31

departments were research active* with representation from 13 HP disciplines



* "Research active" defined as at least 1 ethics approved project, publication, conference presentation, grant or RHD student/support during 2021 calendar year



Collaborative mentoring by Centre for Functioning & Health Research (CFAHR) for 75 projects

Quality healthcare every day

Metro South Health

2022 Allied Health Research Achievements Snapshot



249

RESEARCH PUBLICATIONS

OVER **3.74** MILLION

ACTIVE GRANT FUNDING



CONFERENCE PRESENTATIONS



20

AWARDS for research excellence & innovation



164

staff WITH or UNDERTAKING a RESEARCH HIGHER DEGREE

Quality healthcare every day

Metro South Health

A total of 38 department provided data of the 42 departments eligible to provide a report. Of the 38 reporting departments/teams, 31 (82%) indicated that they were 'research active'. 'Research active' is a self-identified category - defined as having staff leading/contributing to one or more ethically approved projects, publications, presentations, grants and/or RHD students/supervision. A summary of total research activity across key metrics, with breakdown by facility contribution is outlined in the table below, as well as comparison to 2020 and 2021 research activity figures.

Total unique* research activity for 2020, 2021 and 2022, by facility

(* the data represent proportionate unique activity metrics at the Metro South level and is adjusted to account for shared activity between facilities/teams, therefore it will **not** match the individual facility summaries that follow).

Facility	Research Activity Metric																			
	No. research active departments/ teams				No. of projects				No. of publications				No. of conference presentations				Amount of active# grant funding (\$)			
	2020	2021	2022	Δ last year	2020	2021	2022	Δ last year	2020	2021	2022	Δ last year	2020	2021	2022	Δ last year	2020	2021	2022	Δ last year
PAH	8	12	14	↑	126	109	125	↑	54	109	138	↑	38	94	136	↑	\$656,040	\$1,699,799	\$1,980,707	↑
QEII	4	5	3	↓	14	15	12	↓	8	12	8	↓	1	12	7	↓	\$1,500	\$12,356	\$75,000	↑
Logan	6	7	8	↑	29	37	43	↑	20	18	23	↑	12	27	30	↑	\$126,766	\$180,388	\$164,528	↓
Bayside	5	5	4	↓	12	12	11	↓	5	3	3	-	2	12	13	↑	\$31,307	\$47,217	\$47,341	↑
Other MS wide	✓	✓	3	↑	3	13	13	-	10	10	21	↑	6	0	14	↑	\$137,500	\$2,640	\$494,909	↑
CFAHR	✓	✓	✓	-	58	62	60	↓	40	37	56	↑	10	47	51	↑	\$752,743	\$934,719	\$992,839	↑
TOTAL	25	28	31	↑	243	248	264	↑	138	189	249	↑	70	192	250	↑	\$1,705,856	\$2,877,119	\$3,742,896	↑

CFAHR; Centre for Functioning and Health Research; PAH: Princess Alexandra Hospital; QEII: Queen Elizabeth II Jubilee Hospital.

#defined as dollar funding portion spendable for calendar year (if grant >1 year duration)

"Other MS Wide" includes Addiction & Mental Health, Community & Oral Health, MASS, Equity & Access Team only

Ethically Approved Research Projects

Overall, 258 ethically approved projects were undertaken across all seven facilities in 2022, with the largest relative contributions undertaken by PAH and Centre for Functioning and Health Research (CFAHR). The number of approved projects is recovering after the COVID-19 pandemic. For 2022, two thirds of reported projects were multidisciplinary risk (n=166, 64%) with just under half involving collaborations outside Metro South HHS (n=113, 44%). Over half the reported projects (n=155, 60%) were reported to be led/initiated by Allied Health staff. Project details are presented in the Appendix.

Research Outputs (Publications, Presentations, Grant Funding)

All three (3) output metrics saw some rebound in 2021, with further strong growth in 2022. MSH Allied Health staff continued their research efforts through the pandemic and restrictions on research activity. Allied health clinicians prioritised clinical duties as required but continued their strong research ethos through the pandemic and have continued to build on this effort in 2022. Conference presentations have rebounded strongly in 2022 as did total active grant funding.

All facilities provided data on research outputs. All facilities reported an increase in publishing their research during 2022, except QEII, which remained constant with the 2021 publishing year at a facility level, but reduced at the Metro South level. This demonstrates increased collaboration between QEII and other Metro South hospitals. Most of these publications were peer-reviewed journal articles (n=215; 88%), and the majority of output was published by departments/teams at either PAH (n=144; 59%) or CFAHR (n=75; 31%).

The return of conferences continued a strong increase in conference presentations, both in-person and virtual – an increase of 30% over 2021. All facilities reported presenting work at local (n=57; 23%), national (n=139; 56%) or international (n=52; 21%) conferences during 2022. Most presentations were oral presentations (n=159; 64%) and presented by staff from PAH (n=144; 58%).

Competitive grant funding was awarded to all facilities in 2022, with most facilities recording increases. PAH, Logan and CFAHR received consistent success in securing funding from 2020 – 2022. Logan hospital is continuing its encouraging and consistent upwards trend in funding growth. In total, 76 unique grants were actively awarded and/or expended in 2022 (compared to 66 in 2021), totalling approximately \$3.74 million. PAH successfully secured the largest amount of grant funding, followed by CFAHR. Further details for research outputs, by facility and departments are presented in the Appendix.

Awards for Research/Innovation

Awards for research and innovation were achieved by 20 staff/teams across four facilities in 2022 (PAH, Logan, Addiction and Mental Health and CFAHR). These ranged from awards recognising excellence for conference presentations and journal articles, to individual commendations/ prizes (e.g., Hopkins Centre Translational Research Award) and recognition by research higher degree supervision excellence. Details regarding the specific nature of these awards are summarised for each facility in subsequent sections of this report.

Research FTE and Staff with/supporting/undertaking research higher degree

Across MSH 164 staff were reported to have or be undertaking a research higher degree (RHD– i.e., MPhil/Professional Doctorate/PhD). This was a marked increase on 2021 data and predominantly due to additional departments (psychology, pharmacy) reporting for this data collection period, that had not reported in previous years. A total of 116 staff reported having a RHD, and a further 48 Allied Health staff were undertaking a RHD, of which 5 completed their degree during the calendar year. Fifty-two staff had university/academic titles. During 2022, 29 staff provided supervision to 75 RHD students.

An (accumulated) total of 13.5 FTE positions were identified as “Allied Health research-dedicated staff” in 2022 (an increase of 24% from 10.9 in 2021). The majority of these FTE were deployed at PAH (7.3FTE - accumulated) and CFAHR (4.2FTE - accumulated), with no Allied Health research-dedicated FTE reported at QEII or Bayside.

Overall Summary: Allied Health Research Capability – 2022 data

Research capability was measured through the Allied Health Research Capability Self-Assessment Tool. This tool is part of the Allied Health Research Capability & Development Strategy for 2021–2025 (<https://metrosouth.health.qld.gov.au/sites/default/files/allied-health-research-strategy.pdf>), and is designed to assess six objectives, grouped under three goals:

Goal 1: Research close to practice

Objective 1) Engage staff as research consumers

Objective 2) Enable staff as research participants and generators

Goal 2: Research as core business

Objective 3) Build research-enabling infrastructure and strategic processes

Objective 4) Strengthen leadership in research and innovation,

Goal 3: Research in partnership

Objective 5) Enhance internal research collaboration and synergy

Objective 6) Strengthen partnerships with consumers and external stakeholders.

For each objective, departments within each MSHS facility (excluding CFAHR) were required to rate their capability as either 'emerging', 'consolidating' or 'proficient'. Self-assessment tools were shared directly between department directors and Directors of Allied Health to ensure data privacy and comfort using the tool for strategic planning, rather than punitive means.

Overall, 38 departments across 6 facilities (PAH, QEII, Logan, Redland, Community) provided self-assessment tool data in 2021. Most departments ranked themselves highest (i.e. they were most confident) for Objective 1, while the other Objectives 5 and 6 were rated quite evenly. There was an increase in almost all ratings due to an increase in number of reporting departments compared to 2021 data. Departments within the PAH (83%) have the highest proportion of 'proficient' rankings, while departments within Logan and Bayside were more likely to rank themselves within the emerging and/or consolidating categories and QEII as 'consolidating'.

Self-Assessment Tool		Facility					TOTAL
		PAH (n=15)	QEII (n=5)	Logan (n=9)	Bayside (n=7)	Other MS (n=3)	
Objective 1	<i>Emerging</i>	3	0	3	3	1	26% (10)
	<i>Consolidating</i>	3	4	6	3	2	45% (17)
	<i>Proficient</i>	9	1	0	1	0	29% (11)
Objective 2	<i>Emerging</i>	4	2	4	3	1	37% (14)
	<i>Consolidating</i>	4	3	5	3	2	42% (16)
	<i>Proficient</i>	7	0	0	1	0	21% (8)
Objective 3	<i>Emerging</i>	4	2	4	4	3	42% (16)
	<i>Consolidating</i>	3	2	5	2	0	32% (12)
	<i>Proficient</i>	8	1	0	1	0	26% (10)
Objective 4	<i>Emerging</i>	4	1	5	3	1	37% (14)
	<i>Consolidating</i>	4	4	4	4	2	45% (17)
	<i>Proficient</i>	7	0	0	0	0	18% (7)
Objective 5	<i>Emerging</i>	4	1	4	3	1	34% (13)
	<i>Consolidating</i>	6	4	4	3	2	48% (18)
	<i>Proficient</i>	5	0	1	1	0	18% (7)
Objective 6	<i>Emerging</i>	5	1	3	3	1	34% (13)
	<i>Consolidating</i>	6	4	6	4	0	53% (20)
	<i>Proficient</i>	4	0	0	0	2	13% (5)

Note: Yellow highlight indicates an increase reported total (number of departments) compared to 2021 data report and pink highlight designates a decrease.

This report maps the self-reported research confidence by profession/profession groups for the first time. Only profession specific departments/teams were included in this table. Departments that are multidisciplinary (Addiction & Mental Health, Community & Oral Health, MASS, Equity & Access Team) were excluded as specified professions could not be identified in their data. Departments at some sites combine identified professions, therefore these data are reported including these groupings across Metro South to avoid identifying any specific department.

		Audiology	Medical imaging & RT	Nutrition & Dietetics	Occupational Therapy +/- Leisure Therapy	Pharmacy	Physiotherapy +/- Podiatry +/- Prosthetics & Orthotics	Psychology	Social Work	Speech Pathology
Objective 1	<i>Emerging</i>	1	0	0	1	1	1	1	3	0
	<i>Consolidating</i>	1	1	3	1	0	4	1	1	2
	<i>Proficient</i>	0	1	1	2	1	1	1	0	2
Objective 2	<i>Emerging</i>	2	0	0	1	1	2	1	4	1
	<i>Consolidating</i>	0	1	3	2	1	3	1	0	1
	<i>Proficient</i>	0	1	1	1	0	1	1	0	2
Objective 3	<i>Emerging</i>	2	0	0	2	1	2	1	4	1
	<i>Consolidating</i>	0	1	3	0	1	3	1	0	1
	<i>Proficient</i>	0	1	1	2	0	1	1	0	2
Objective 4	<i>Emerging</i>	2	0	0	1	1	2	1	4	1
	<i>Consolidating</i>	0	1	3	3	1	3	1	0	2
	<i>Proficient</i>	0	1	1	0	0	1	1	0	1
Objective 5	<i>Emerging</i>	2	0	0	1	2	2	1	3	0
	<i>Consolidating</i>	0	1	3	3	0	4	1	1	2
	<i>Proficient</i>	0	1	1	0	0	0	1	0	2
Objective 6	<i>Emerging</i>	1	0	0	1	2	3	1	3	0
	<i>Consolidating</i>	1	2	4	2	0	3	1	1	3
	<i>Proficient</i>	0	0	0	1	0	0	1	0	1
Total Emerging [n (%)]		10 (15%)	0 (0%)	0 (0%)	7 (10%)	8 (12%)	12 (18%)	6 (9%)	21 (31%)	3 (4%)
Total Consolidating [n (%)]		2 (2%)	7 (7%)	19 (23%)	11 (13%)	3 (4%)	20 (24%)	6 (7%)	3 (4%)	11 (13%)
Total Proficient [n (%)]		0 (0%)	5 (14%)	5 (14%)	6 (16%)	1 (3%)	4 (11%)	6 (16%)	0 (0%)	10 (27%)

Analysis of Allied Health Research Activity by Facility

The remaining sections of this report provide a snapshot and aggregated analyses of research activity conducted by Allied Health staff at each of the following facilities/sites:

- Princess Alexandra Hospital
- QEII Hospital
- Logan Hospital
- Bayside Hospital
- Centre for Functioning & Health Research (CFAHR)

Infographic summaries for Addiction and Mental Health and Community Services are not presented due to the partial/limited nature of the data provided. However, where Addiction and Mental Health and Community services data were available they have been included within the overall MSH data and a short summary in this report.

All data presented from this point onwards represents **facility-weighted data** (e.g., if a project was conducted jointly by PAH and QEII, it adds one project to the count in both the PAH and QEII summaries).

PAH Allied Health Research Activity 2022 – at a glance

2022 PAH Research Achievements Snapshot



138

ETHICS APPROVED RESEARCH PROJECTS



71% Multidisciplinary Or Multi-site

93% departments were research active* with representation from 14 HP disciplines/teams



* Research active* defined as at least 1 ethics approved project, publication, conference presentation, grant or RHD student/support during 2021 calendar year



Collaborative mentoring by Centre for Functioning & Health Research (CFAHR) for 75 projects across MSH

Quality healthcare every day

Metro South Health

2022 PAH Research Achievements Snapshot



159

RESEARCH PUBLICATIONS



OVER **2.1** MILLION

ACTIVE GRANT FUNDING



CONFERENCE PRESENTATIONS



15

AWARDS for research excellence & innovation



118

staff WITH or UNDERTAKING a RESEARCH HIGHER DEGREE

Quality healthcare every day

Metro South Health

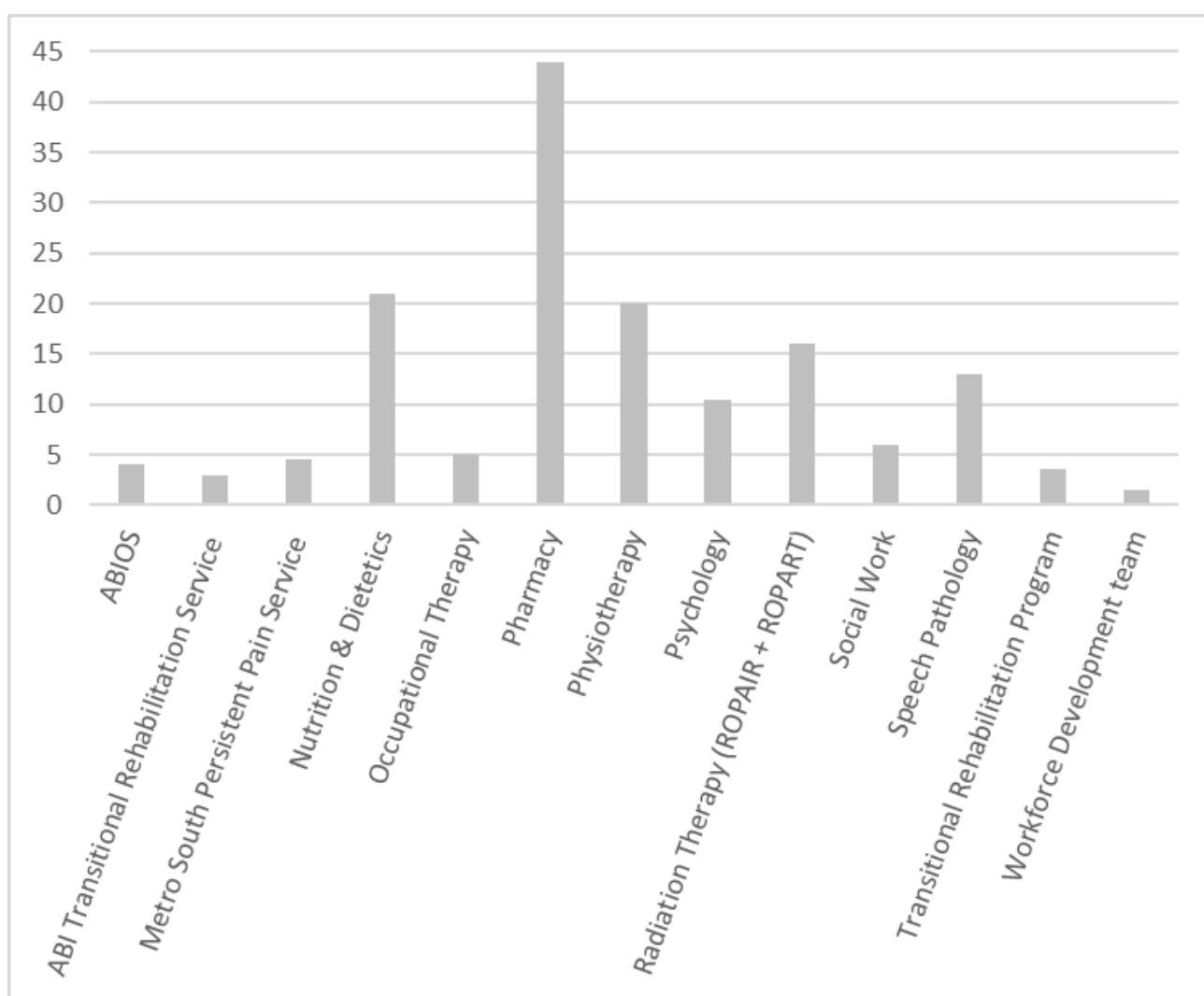
Facility Summary: Princess Alexandra Hospital

Research Projects

PAH Allied Health staff undertook 138 ethically approved projects in 2022. Research projects were undertaken by twelve of the fourteen reporting departments/teams with representation from the Division of Clinical Support Services, the Division of Rehabilitation (Acquired Brain Injury Outreach Service) and the Division of Cancer (Radiation Therapy ROPAIR and ROPART). The majority of projects were initiated/led by the specified department (n=105; 76%), with 99 (71%) multidisciplinary and 55 (40%) involving consumers. The departments which participated in the greatest number of projects included Nutrition & Dietetics (n=43; 33%), Physiotherapy (n=38; 29%) and Radiation Therapy (ROPAIR and ROPART) (n=17; 13%). Project details are presented in the Appendix.

Publications

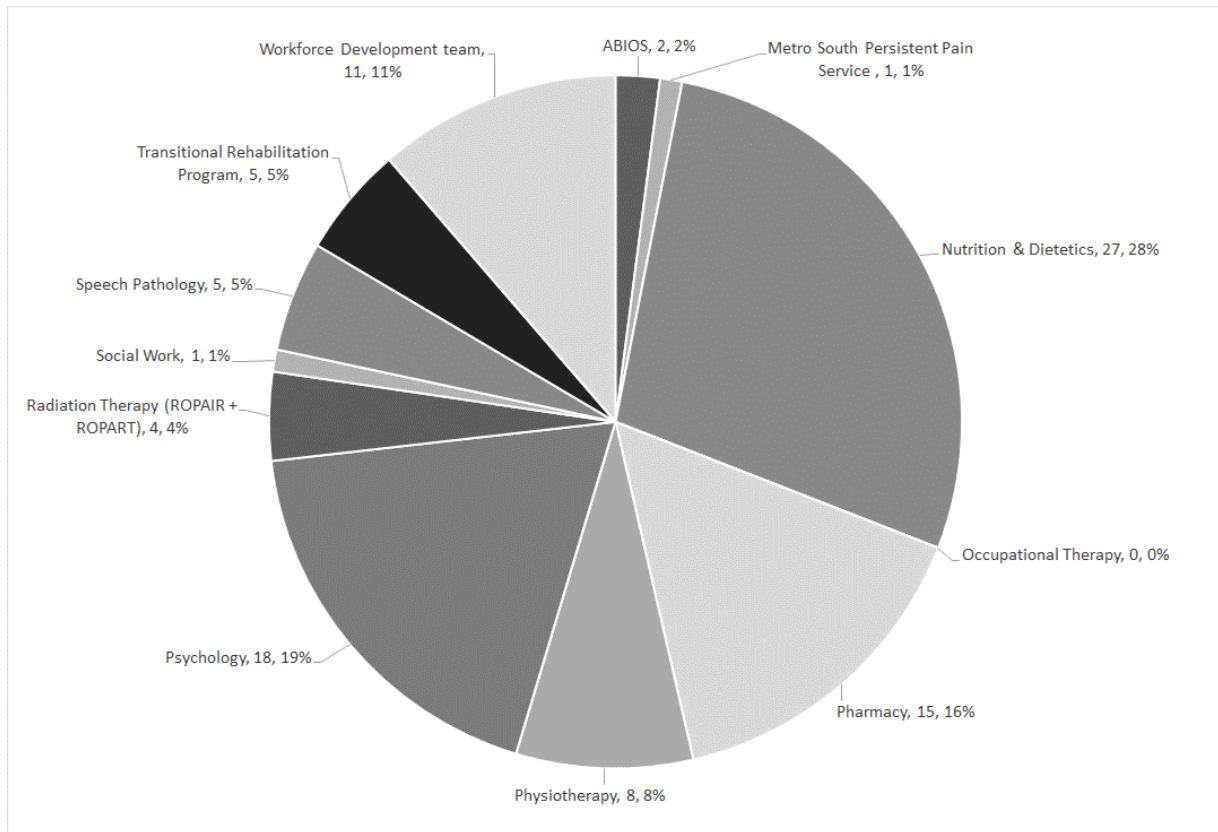
PAH Allied Health staff authored 156 publications (an increase of 32% from 2021). The majority of publications were peer-reviewed journal articles (n=124; 80%), with half multidisciplinary in nature (n=82; 53%) and initiated by the specified department (n=84; 54%). Publication details are presented in the Appendix.



Research publications in each Allied Health/Health Practitioner Department at PAH – 2022

Grants

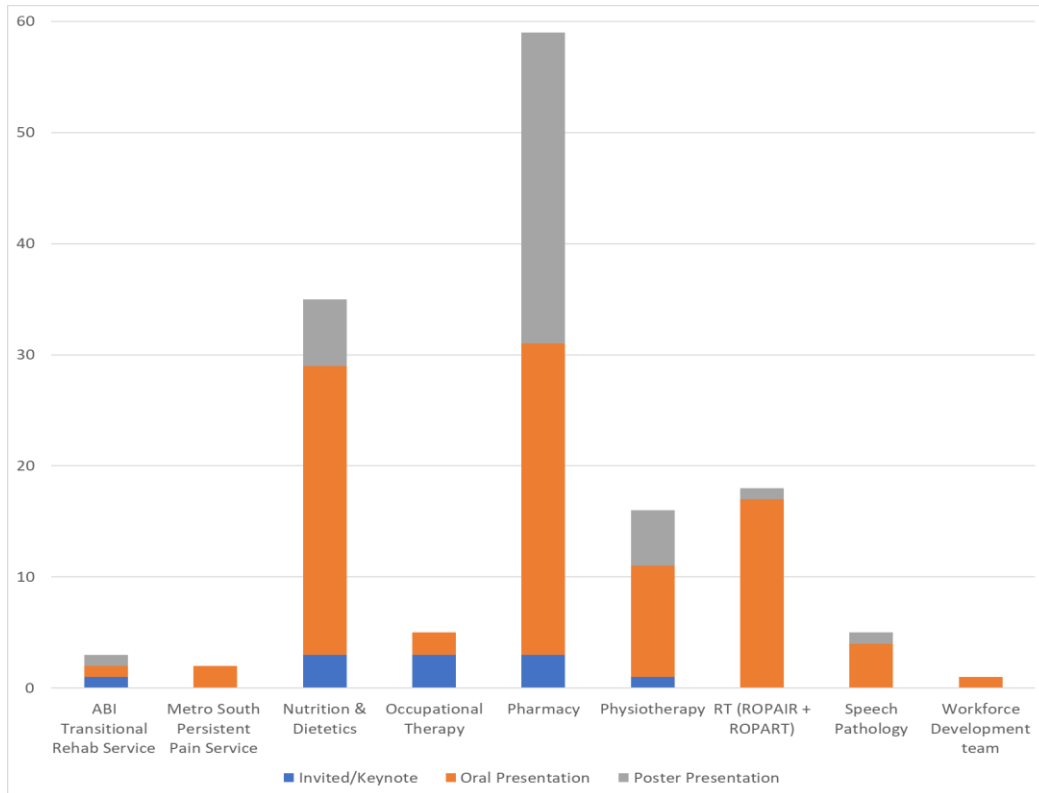
Just over \$2.1 million (n=45 grants) in competitive grant funding was utilised by PAH departments in 2022. Twelve departments contributed to these figures, with breakdown by department in the graph below. Funding details are presented in the Appendix.



Grant funding per Allied Health/health practitioner department at PAH – 2022

Conference Presentations

One hundred and forty-four presentations were presented by staff from nine PAH departments/teams in 2022. The majority of presentations were oral or an invited/keynote speaker (n=104, 71%). Conference presentations occurred locally (23%, n=33), nationally (59%, n=85) and internationally (18%, n=26) with 88% (n=127) initiated by the specified department. Presentation details are presented in the Appendix.



Conference presentations per Allied Health/health practitioner department at PAH - 2022

Research FTE and Staff with/supporting/undertaking RHDs

PAH Allied Health departments reported 118 of their staff had completed or were undertaking a RHD. This sizeable increase from 2021 was due to Psychology and Pharmacy reporting in 2022 for the first time, in addition to natural growth across departments. Of this total, 32 staff (ABIOS=1, ABI-TRP=2, N&D=3, OT=3, Pharm=8, Physio=2, Psych=5, RT=4, SP=2, SW=1, Workforce Development=1) were undertaking an RHD and one staff member (Pharmacy) completed their RHD in the 2022 period.

In addition, 35 staff reported having a university or academic title and eight of the fourteen reporting departments that were research active had some research-dedicated FTE ranging from 0.4 to 3.0FTE. During 2022, 19 PAH staff members (ABIOS= 1, ABI-TRS=1, N&D=3, OT=2, Pharm=5, Physio=3, RT=2, SP=1, TRP=1) provided supervision to 43 RHD students.

Awards for Research and Innovation

PAH Allied Health staff won 15 awards for excellence in research innovation during 2022. Details of the awards won by staff are presented below.

Department	Award Details
Nutrition & Dietetics	Heidi Johnston - UQ 3-minute thesis people's Choice Award June 2022 (Principal Supervisor Ingrid Hlckman)
Nutrition & Dietetics	Amy Nevin Best Scientific Oral Presentations, Australia and New Zealand Spinal Cord Society National Conference (Principal Supervisor Ingrid Hlckman)
Nutrition & Dietetics	Carrie-Anne Lewis: Australia and New Zealand Metabolic Obesity Surgery Society John Dixon Best Integrated Health Award (Principal Supervisor Ingrid Hlckman)
Nutrition & Dietetics	Tahnje Takefala - Winner of AH-TRIP Showcase award
Nutrition & Dietetics	Tayla Robertson - Winner of People's Choice Award Ah-TRIP showcase
Pharmacy	Karl Winckel. Best Publication Award at SoP UQ: Siskind D, Sidhu A, Cross J, et al. Systematic review and meta-analysis of rates of clozapine-associated myocarditis and cardiomyopathy. Australian & New Zealand Journal of Psychiatry. 2020;54(5):467-481. doi:10.1177/0004867419898760
Pharmacy	Michael Barras. Industry Advisor Award. The University of Queensland Research and Innovation Awards for Excellence in Higher Degree Research Supervisor
Pharmacy	Keshia De Guzman. Best Scientific Paper. Successes and Failures in Telehealth (SFT-22) Conference. Costs to the Medicare Benefits Schedule for general practitioner consultations: A time-series analysis. Journal of Telemedicine and Telecare, 28 (10), 726-732. doi: 10.1177/1357633X221122135
Physiotherapy	Hackett, C. (2022, August). Hypoxaemia on the first day following major non-orthoedic surgery is associated with a higher risk of postoperative pneumonia, ICU re/admission, reintubation, and death [Conference presentation] PA Symposium, Brisbane, QLD, Australia. Awarded best poster in the category 'Early Career Researcher Clinical Science'.
Radiation Therapy (ROPAIR + ROPART)	Winner Early career researcher, Clinical Science, People's Choice Award. Johns E. Predicting optimal normal brain dose in hypofractionated stereotactic radiotherapy for single brain metastases using volumetric modulated arc therapy. 61st PAH Symposium 2022 23-26 August 2022, Translational Research Institute (TRI), Princess Alexandra Hospital (PAH).
Radiation Therapy (ROPAIR + ROPART)	Awarded Best RT Paper Prize. Hering H., Brady C., Effenev B., Hargrave C. An Evaluation of ankle and foot bolus in paediatric Modulated Arc Total Body Irradiation (MATBI). ASMIRT QLD CEC Student Paper Night, Online, 11th October 2022.
Radiation Therapy (ROPAIR + ROPART)	Awarded the Best Early Career RT Paper prize. Franks C. Contributing to health literacy for patients at ROPART. ASMIRT QLD RT Weekend Conference Surfing the Ray, Gold Coast, 22nd October 2022
Speech Pathology	
Workforce Development team	Best Paper Award (Scientific Report), Successes and Failures in Telehealth Conference 2022
Workforce Development team	Best presentation: Knowledge Translation, University of Queensland School of Health and Rehabilitation Sciences Research Conference
Transitional Rehabilitation Program	Kerrin Watter received The Hopkins Centre 2022 Bold Ideas, Better Solutions Symposium Translational Research Award

QEII Allied Health Research Activity 2022 – at a glance

2022 QE II Research Achievements Snapshot



15

ETHICS APPROVED
RESEARCH PROJECTS



60% Multidisciplinary
Or Multi-site

83% departments were
research active*
with representation from
5 HP disciplines/teams

Nutrition &
Dietetics

Occupational
Therapy

Pharmacy

Physiotherapy

Social
Work

Research active defined as at least 1 ethics approved project, publication, conference presentation, grant or RHD student/support during 2021 calendar year



Collaborative mentoring by Centre
for Functioning & Health Research
(CFAHR) for 75 projects across MSH

Quality healthcare every day

Metro South
Health

2022 QE II Research Achievements Snapshot



11

RESEARCH
PUBLICATIONS

OVER
\$75,000

ACTIVE
GRANT FUNDING



CONFERENCE
PRESENTATIONS



5

areas of
INFLUENCE
to change
CLINICAL PRACTICE



7

staff WITH or
UNDERTAKING a
RESEARCH HIGHER
DEGREE

Quality healthcare every day

Metro South
Health

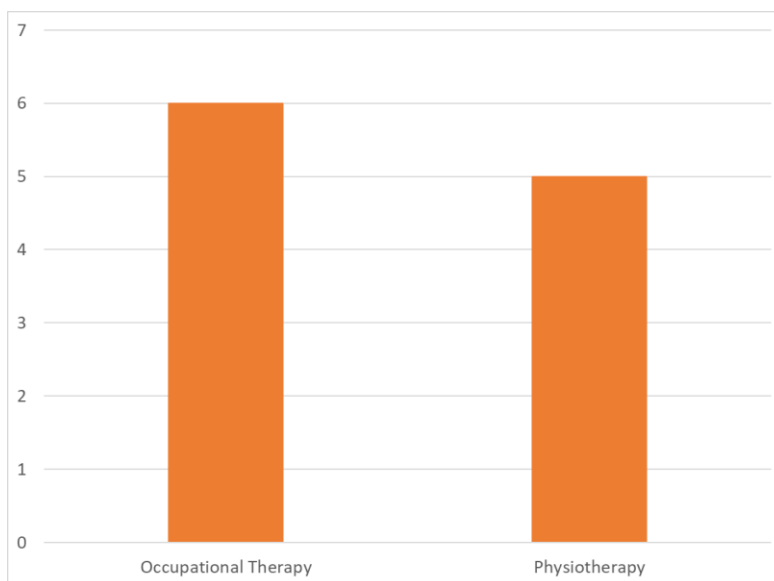
Facility Summary: QEII Hospital

Research Projects

Fifteen ethically approved projects were undertaken across three departments in 2022. The majority of these projects were led by QEII staff (n=10; 67%), multidisciplinary (n=12; 80%) and half involved collaboration outside Metro South where this was reported (n=6 (of 12); 50%). The departments which undertook the greatest number of projects in 2022 were Occupational Therapy and Physiotherapy (n=7; 47% each). Project details are presented in the Appendix.

Publications

Eleven publications were authored by staff who worked in two QEII departments in 2022. All the publications were in peer-reviewed journal articles, 8 (73%) were multidisciplinary and six (55%) were initiated by the specified department. Publication details are presented in the Appendix.



Research publications in each Allied Health/Health Practitioner Department at QEII – 2022

Grants

Two grants totalling \$75,000 were awarded: \$25,000 to Occupational Therapy and \$50,000 to Physiotherapy at QEII Hospital.

Conference Presentations

Seven presentations were completed by Allied Health staff at QEII 2022. All presenters were from Occupational Therapy. The majority of presentations were invited (n=4, 57%) with a further 2 oral presentations (29%). All presentations were initiated at QEII and presented at local (n=5; 72%) and international (n=2, 28%) conferences. Presentation details are presented in the Appendix.

Research FTE and Staff with/supporting/undertaking RHDs

During 2022, one staff member (OT) was undertaking a RHD, with six having a RHD (Physio=3, SP=1, SW=1). One staff member was supervising an RHD student and two staff members have academic titles or affiliates with universities. QEII Allied Health departments reported no dedicated research FTE.

Awards for Research and Innovation

No awards were received by QEII Allied Health staff in 2022.

Logan Allied Health Research Activity 2022 – at a glance

2022 Logan & Beaudesert Research Achievements Snapshot



44

ETHICS APPROVED RESEARCH PROJECTS



30% Multidisciplinary Or Multi-site

100% departments were research active* with representation from 9 HP disciplines/teams



* 'Research active' defined as at least 1 ethics approved project, publication, conference presentation, grant or RHD student/support during 2021 calendar year



Collaborative mentoring by Centre for Functioning & Health Research (CFAHR) for 75 projects across MSH

Quality healthcare every day

Metro South Health

2022 Logan & Beaudesert Research Achievements Snapshot



25

RESEARCH PUBLICATIONS

OVER **\$197,000**

ACTIVE GRANT FUNDING



CONFERENCE PRESENTATIONS



2

AWARDS for research excellence & innovation



13

staff WITH or UNDERTAKING a RESEARCH HIGHER DEGREE

Quality healthcare every day

Metro South Health

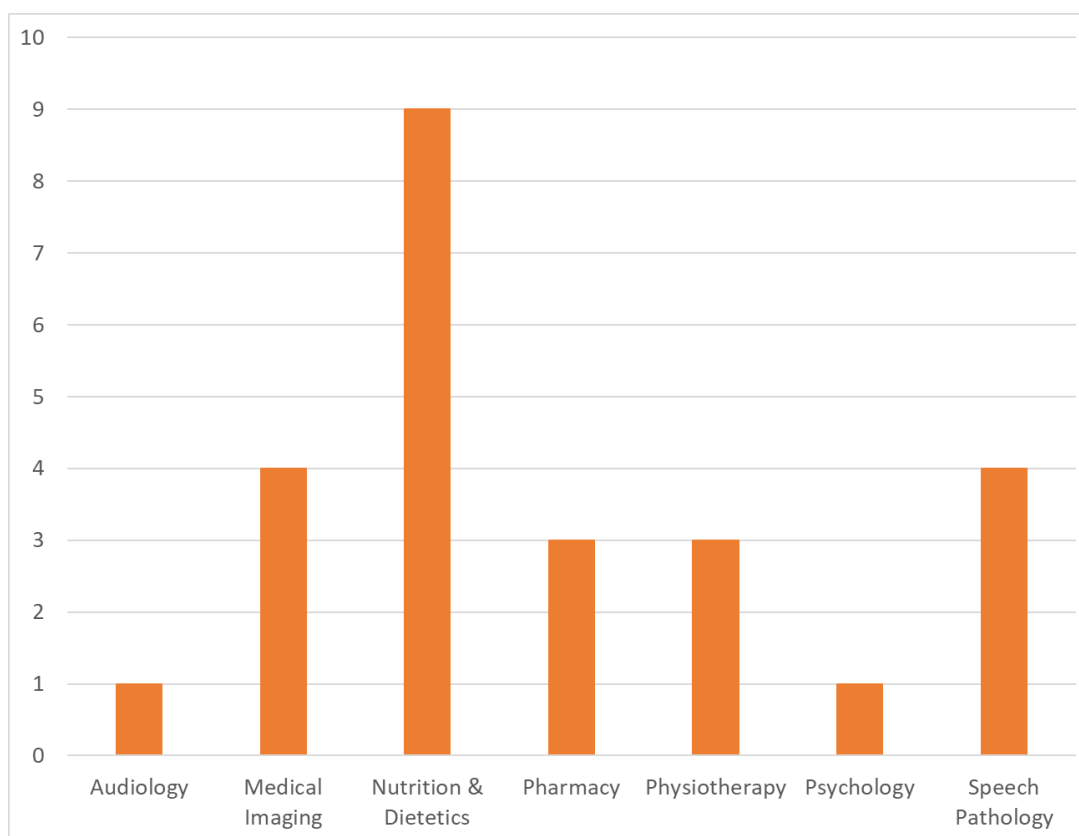
Facility Summary: Logan Hospital

Research Projects

Nine departments undertook 44 ethically approved projects in 2022. The majority of projects were led by Logan and Beaudesert staff (n=40; 91%), multidisciplinary (n=13 (of 18 reporting); 72%) and 12 (27%) involved consumers partnering. Pharmacy (n=15; 34%), Nutrition and Dietetics (n=12; 27%) and Speech Pathology (n=10, 23%) undertook the greatest number of projects in 2022. Project details are presented in the Appendix.

Publications

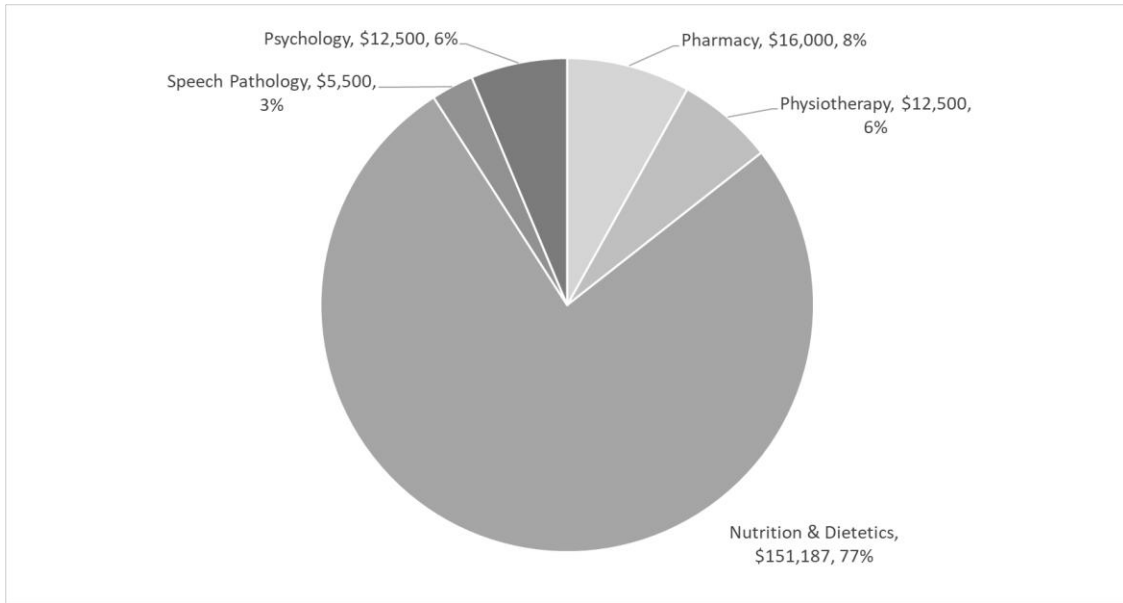
Twenty-five publications were authored by staff from seven Logan Allied Health departments in 2022. Most of these publications were peer-reviewed journal articles (n=18, 72%) and initiated by the specified department (n=18, 72%). Approximately one-third were multidisciplinary (n=8, 32%) and involved collaboration outside Metro South (n=7, 28%). Publication details are presented in the Appendix.



Research publications in each Allied Health/Health Practitioner Department at Logan - 2022

Grants

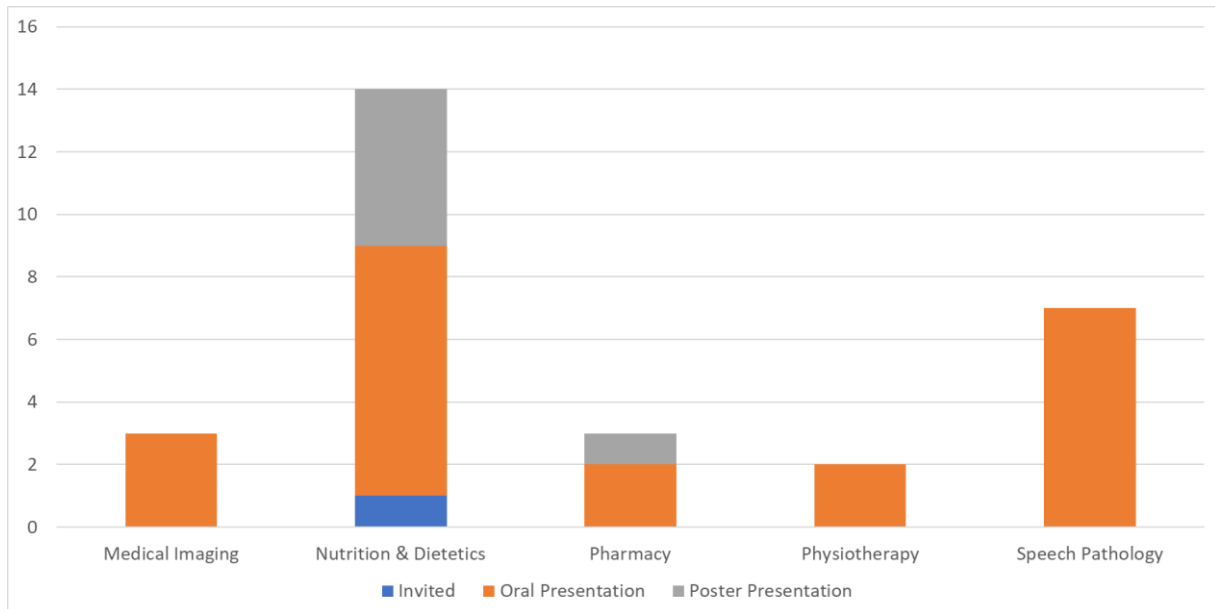
A total of \$197,687 in competitive grant funding was obtained by Logan Allied Health departments in 2022 from seven grants. Five departments contributed to these overall figures, as shown in the breakdown below. Nutrition and Dietetics secured three grants totalling \$151,187 of funding for 2022 research. Funding details are presented in the Appendix.



Grant funding per Allied Health/health practitioner department at Logan – 2022

Conference Presentations

Thirty-one presentations were presented by staff from five Logan Allied Health departments in 2022. Presentations consisted of invited (n=1; 3%), oral (n=22; 71%) and poster (n=8; 26%) presentations at local (n=6; 19%), national (n=19; 62%) and international (n=6; 19%) conferences. The majority of presentations were initiated by the specified department (n=28, 90%). Presentation details are presented in the Appendix.



Conference presentations per Allied Health/health practitioner department at Logan – 2022

Research FTE and Staff with/supporting/undertaking RHDs

Logan Allied Health departments reported a total of 13 staff with or undertaking a RHD. Eight staff were reported to have a RHD (N&D=2, Psych=4, SP=2) with another five staff (ND=1, Physio=3, SP=1) undertaking their RHD. Nutrition and Dietetics reported 1.0 research dedicated FTE in 2022 who also provided supervision to one RHD student. Additionally, and one staff member had a university/academic title.

Awards for Research and Innovation

Logan Allied Health staff won two awards for excellence in research innovation in 2022. Details of the awards won by staff are presented below.

Department	Award Details
Nutrition & Dietetics	Sally Griffin - Award for Excellence - Allied Health Recognition awards (LGH)
Pharmacy	SHPA Residency Showcase 2022: The People's Choice Best Project Award

Bayside Allied Health Research Activity 2022 – at a glance

2022 Bayside Research Achievements Snapshot



13

ETHICS APPROVED RESEARCH PROJECTS



85% Multidisciplinary Or Multi-site

86% departments were research active* with representation from 6 HP disciplines/teams



* "Research active" defined as at least 1 ethics approved project, publication, conference presentation, grant or RHD student/support during 2021 calendar year



Collaborative mentoring by Centre for Functioning & Health Research (CFAHR) for 75 projects across MSH

Quality healthcare every day

Metro South Health

2022 Bayside Research Achievements Snapshot



5

RESEARCH PUBLICATIONS

OVER **\$63,000**

ACTIVE GRANT FUNDING



13

Local & national

CONFERENCE PRESENTATIONS



11

MULTIDISCIPLINARY projects



7

COLLABORATIONS outside Metro South



8

staff WITH or UNDERTAKING a RESEARCH HIGHER DEGREE

Quality healthcare every day

Metro South Health

Facility Summary: Bayside Health Service

Research Projects

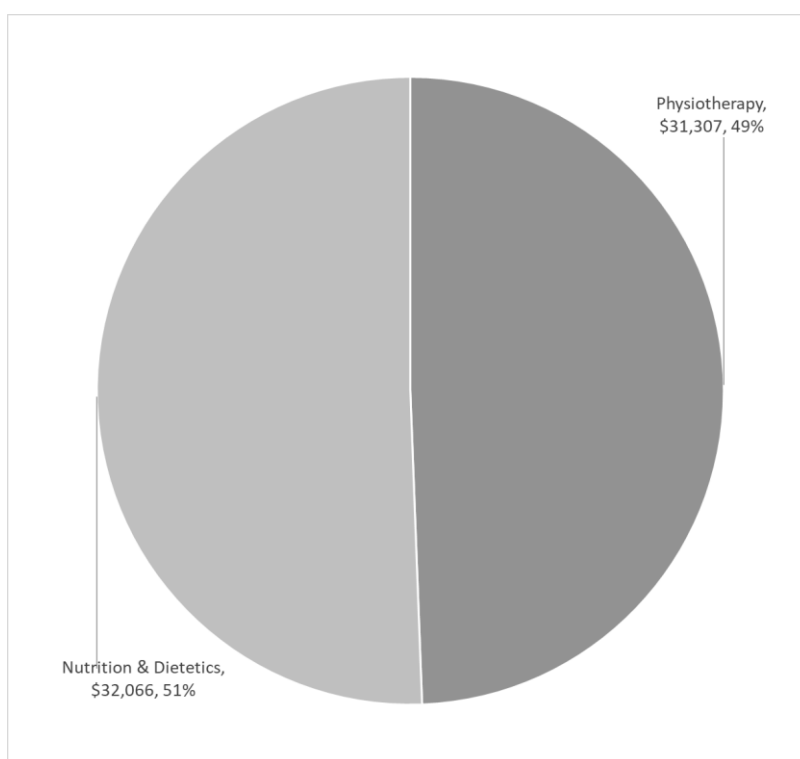
Thirteen ethically approved projects were undertaken at Bayside Health Service in 2022 across three Allied Health departments. Of the 13 projects, eleven (85%) were multidisciplinary, seven (54%) involved collaboration outside Metro South and six (46%) involved consumer engagement and/or partnering. Physiotherapy undertook the greatest number of projects in 2022 (n=7; 54%) with Nutrition and Dietetics undertaking 4 (31%) and Occupational Therapy/Leisure Therapy undertaking 2 (15%). Project details are presented in the Appendix.

Publications

Four journal publications and one published abstract were completed during 2022 from the Physiotherapy and Speech Pathology departments.

Grants

Two competitive grants were utilised across the Physiotherapy and Nutrition and Dietetics (one each) departments at Bayside in 2022 totalling \$63,374. Further details are provided in the Appendix.



Grant funding per Allied Health/health practitioner department at Bayside – 2022

Conference Presentations

Thirteen presentations were completed with the involvement of staff across four departments (N&D, OT, Physio and SP). Seven (54%) presentations were oral with all presentations occurring nationally with most presentations (n=11, 85%) completed by Bayside Allied Health staff. Presentation details are presented in the Appendix.

Staff supporting/undertaking RHDs

Eight staff members were reported to hold (5) or be undertaking (3 - Physio, SP, SW) an RHD in 2022. Bayside Health Service Allied Health departments reported no dedicated research FTE.

Awards for Research and Innovation

Bayside Health Service Allied Health did not report any awards for excellence in research and innovation in 2022.

CFAHR Research Activity 2022 – at a glance

2022 Centre for Functioning & Health Research Achievements Snapshot



75
ETHICS APPROVED
RESEARCH PROJECTS

supporting research capacity
Building across 5 MSH sites



97 %

projects involved
active mentoring
of MSH staff



90 %

projects were
multidisciplinary
and/or multi-site

Quality healthcare every day

Metro South
Health

2022 Centre for Functioning & Health Research Achievements Snapshot



75
RESEARCH
PUBLICATIONS

OVER
\$ 1.14
MILLION

ACTIVE
GRANT FUNDING



25 %
projects with
CONSUMER
ENGAGEMENT



1
AWARD
for
research excellence
& innovation



67

International, national
& local
CONFERENCE
PRESENTATIONS



27

RESEARCH HIGHER
DEGREE students
supported by
CFAHR

Quality healthcare every day

Metro South
Health

Facility Summary: Centre for Functioning & Health Research

Research Projects

CFAHR staff undertook or supported 75 ethically approved projects in 2022. Most projects were multidisciplinary (n=53; 71%) and involved collaboration outside Metro South (n=44, 59%), with 19 projects (25%) involving consumer engagement and/or partnering. Project details are presented in the Appendix.

Publications

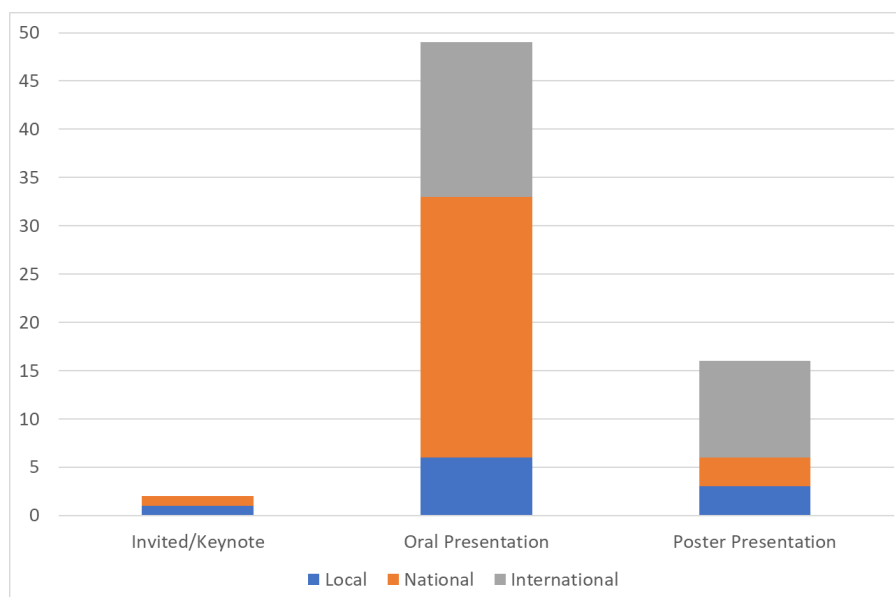
Seventy-five publications were authored by CFAHR staff in 2022. All but nine were peer-reviewed journal articles (n=66; 88%). Other publications included a book chapter, practice guideline and policy document (one of each). CFAHR staff supported/contributed (rather than initiated) the majority of these publications (n=64; 85%). Publication details are presented in the Appendix.

Grants

A total of \$1,077,484 (n=27 grants) in competitive grant funding was utilised by CFAHR in 2022. Funding details are presented in the Appendix.

Conference Presentations

Sixty-seven presentations were presented or contributed to by staff at CFAHR in 2022. Most of these presentations were oral presentations (n=49; 73%) with 31 (46%) presented nationally and 26 (39%) presented internationally. Presentation details are presented in the Appendix.



CFAHR conference presentations - 2022

Staff supporting/undertaking RHDs

The research dedicated FTE within CFAHR in 2021 was 4.2 (head count of 6 staff). During 2022, CFAHR staff members provided supervision to 27 RHD students. All CFAHR staff members (n=6) have an RHD and had university/academic titles. CFAHR staff supervised 27 RHD candidates in 2022. Four RHD candidates supervised by CFAHR staff completed their degrees in 2022.

Awards

One award was given to a CFAHR staff member in 2022. Details of the award won are presented below.

Department	Award Details
CFAHR	Top Cited Article 2021-2022 – Journal of Medical Radiation Sciences for Wishart et al. A prospective study monitoring carer distress during (chemo)radiotherapy for head and neck cancer via an electronic platform

Other MSH Facilities

Facility Summary: Addiction and Mental Health (A&MH) Services

Research Projects

Ten ethically approved projects were undertaken by Allied Health staff at A&MH in 2022. All projects were multidisciplinary with four (40%) involving collaboration outside Metro South and two (20%) engaged or partnered with consumers. Project details are presented in the Appendix.

Publications

Eighteen publications were authored by staff in A&MH in 2022. All were peer-reviewed journal articles and all but one were collaborations with other areas. Publication details are presented in the Appendix.

Grants

Six grants were received by A&MH totalling \$494,909 used by staff in 2022. Grant details are presented in the Appendix.

Staff supporting/undertaking RHDs

Three Allied Health staff members have a university affiliation. Five staff members have or are undertaking a RHD. One staff member supervised a RHD student during 2022.

Awards

A&MH received two awards in 2022. Details of the awards won are presented below.

Department	Award Details
Addiction & Mental Health	Outstanding Research Impact Award 2022 - Gordon Kay
Addiction & Mental Health	Outstanding Research Partnership Engagement Award 2022 - Gordon Kay

Facility Summary: Community & Oral Health (COH)

Research Projects

Three ethically approved projects were undertaken by Allied Health staff at COH in 2022. All projects were multidisciplinary with one (33%) involving collaboration outside Metro South and two (67%) engaged or partnered with consumers. Project details are presented in the Appendix.

Publications

Three publications were authored by staff in COH in 2022. All were peer-reviewed journal articles that were multidisciplinary, with one (33%) involving collaboration outside Metro South. Publication details are presented in the Appendix.

Conference Presentations

Two presentations were presented at a national conference (Medical Aids Subsidy Scheme).

Staff supporting/undertaking RHDs

Two Allied Health staff members have a university affiliation.