

**SKILLS FRAMEWORK FOR HEALTHCARE
SKILLS MAP - PRINCIPAL PHYSIOTHERAPY RESEARCHER**

Sector	Healthcare				
Track	Physiotherapy				
Sub-track	Research				
Occupation	Physiotherapist				
Job Role	Principal Physiotherapy Researcher				
Job Role Description	<p>A Principal Physiotherapy Researcher is responsible for planning research projects related to physiotherapy and healthcare. S/He identifies potential research areas and designs research projects. S/He leads grant application processes to secure research resources and partners with external organisations for research projects. S/He serves as the principal investigator in research projects of her/his specialisation, assists in the publication of findings in peer reviewed journals and presents research at local and international conferences.</p> <p>S/He may work in various settings such as but not limited to public and private institutions, sports teams, acute hospitals, community hospitals, rehabilitation centres, voluntary welfare organisations, schools, integrated and long-term care facilities and clients' homes and work environments. S/He may also work as part of a collaborative, interdisciplinary team which may include teachers, nurses, doctors, audiologists, psychologists, social workers, occupational therapists and speech therapists. S/He may collaborate with research institutions to advance her/his research.</p> <p>S/He should be analytical, inquisitive and innovative. S/He should possess time and project management skills.</p>				
Critical Work Functions and Key Tasks / Performance Expectations	Critical Work Functions	Key Tasks	Performance Expectations (For legislated / regulated occupations)		
			<p>In accordance with:</p> <ul style="list-style-type: none"> Allied Health Professions Act (Chapter 6B) 		
				Initiate research activities	Identify practice or service gaps for research
					Drive strategic directions for key research area(s)
					Lead grant applications to secure research resources
					Design research projects
					Develop data management and analytics frameworks
					Develop research guidelines and methodologies
					Collaborate with other professionals to advance staff's research opportunities
		Create opportunities for therapists to be involved in research			
	Partner with internal and external collaborators for research projects				
Conduct research activities		Lead research projects in key research area(s)			
		Manage research grants			

		Oversee research projects
		Collaborate with inter-professionals on research projects
		Facilitate resolution of escalated problems affecting the delivery of research projects
		Provide support for data analyses of the research projects
	Disseminate research findings	Present research findings at local or regional academic meetings
		Publish research findings
		Provide recommendations for translation of research evidence into clinical practice
	Manage quality of research activities	Review research proposals
		Identify learning needs of staff to conduct research projects
		Provide training in basic research and statistical analyses
		Provide supervision for research projects

Skills and Competencies	Technical Skills and Competencies		Generic Skills and Competencies	
	Analysis of Research Data	Level 5	Problem Solving	Advanced
	Change Management	Level 5	Creative Thinking	Advanced
	Client Advocacy	Level 5	Sense Making	Advanced
	Clinical Governance	Level 5	Decision Making	Advanced
	Clinical Incident Management in Rehabilitation Therapy	Level 5	Resource Management	Advanced
	Continuous Improvement Management	Level 5		
	Data Collection and Management	Level 5		
	Individual and Cultural Diversity	Level 5		
	Inter-professional Collaboration	Level 5		
	Learning Needs Analysis	Level 5		
	Management of Stakeholders	Level 5		
	People Management	Level 5		

	Professional, Legal and Ethical Healthcare Practice	Level 5		
	Programme Delivery	Level 5		
	Programme Design	Level 5		
	Project Management	Level 5		
	Reflective Practice	Level 5		
	Research Proposal Development	Level 5		
	Research Translation	Level 5		
	Risk Management	Level 5		
	Scientific Writing and Communication	Level 5		
	Strategy Development	Level 5		
	Strategy Execution	Level 5		
Workforce Planning	Level 5			
Programme Listing	For a list of Training Programmes available for the Healthcare sector, please visit: www.skillsfuture.sg/skills-framework/hc			