

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

Sector	Healthcare		
Track	Physiotherapy		
Sub-track	Research		
Occupation	Physiotherapist		
Job Role	Senior Principal Physiotherapy Researcher		
Job Role Description	<p>A Senior Principal Physiotherapy Researcher mentors the team in their research projects. S/He initiates and conducts research projects and reviews research designs submitted by the team for existing and future projects. S/He partners with the clinical specialists and external organisations to translate research into new or improved clinical practice to improve client services. S/He presents research findings in conferences both locally and internationally. S/He synergises inter- and intra- professional research studies to further the knowledge of physiotherapy in the sector.</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 inquisitive, resourceful and detail-oriented. S/He should possess problem-solving, 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)
	Initiate research activities	Identify practice or service gaps for research	In accordance with: • Allied Health Professions Act (Chapter 6B)
		Drive strategic directions for key research areas	
		Lead grant applications to secure research resources for research study or multi-centre / international research collaborations	
		Design research projects	
		Evaluate research projects proposals and ideas	
		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' organisations for research projects			
Conduct research activities	Lead interdisciplinary research projects		

			Lead multi-centre or international research collaborations	
			Manage research grants	
			Oversee research projects	
			Lead collaboration of inter-professionals involved in research projects	
			Facilitate resolution of escalated problems affecting the delivery of research projects	
	Disseminate research findings			Present research findings at regional or international academic meetings
				Lead publication of research findings in indexed journals
				Lead translation of research evidence into clinical practice
				Monitor the outcomes of translated research projects in clinical practice
	Manage quality of research activities			Evaluate the potential of proposed research projects
				Identify learning needs of staff to conduct research projects
				Develop research skills and capability at the institution and national level
				Provide supervision for research projects
				Provide support and training for the application of basic research and statistical analyses in research projects
				Provide supervision for multi-centred projects
Skills and Competencies	Technical Skills and Competencies		Generic Skills and Competencies	
	Analysis of Research Data	Level 6	Problem Solving	Advanced
	Change Management	Level 6	Creative Thinking	Advanced
	Client Advocacy	Level 6	Decision Making	Advanced
	Clinical Governance	Level 6	Leadership	Advanced
	Clinical Incident Management in Rehabilitation Therapy	Level 6	Transdisciplinary Thinking	Advanced
	Continuous Improvement Management	Level 6		

	Data Collection and Management	Level 6		
	Individual and Cultural Diversity	Level 5		
	Inter-professional Collaboration	Level 6		
	Learning Needs Analysis	Level 6		
	Management of Stakeholders	Level 6		
	People Management	Level 6		
	Performance Management	Level 6		
	Professional, Legal and Ethical Healthcare Practice	Level 6		
	Programme Delivery	Level 5		
	Programme Design	Level 6		
	Project Management	Level 6		
	Reflective Practice	Level 6		
	Research Proposal Development	Level 6		
	Research Translation	Level 6		
	Risk Management	Level 6		
	Scientific Writing and Communication	Level 6		
	Strategy Development	Level 6		
	Strategy Execution	Level 6		
	Workforce Planning	Level 6		
Programme Listing	For a list of Training Programmes available for the Healthcare sector, please visit: www.skillsfuture.sg/skills-framework/hc			