

## Education

(2015- 2019) BSc., Health/ Biomedical, Bond University, Queensland, Australia  
 (2019) Postural Alignment Specialist L1, Egoscue Institute, San Diego USA  
 (2019) Fundamentals of Neuroscience, Harvard UniversityX, Online  
 (2015) Certificate III Pathology, LTT, Osborne Park, Western Australia  
 (2007- 2009) M.A., Urban & Regional Planning, Curtin University, Western Australia  
 (2002- 2004) B.A., English, Murdoch University, Western Australia  
 (1995- 1999) Lumen Christi College, High School Diploma, Western Australia

## Work History

(Present) Health & Safety Coordinator, Board of Management, South Perth Senior Citizens Centre  
 (2016- Present) Founder/ Director, Neuro Strength Australia Pty. Ltd., QLD, Australia  
 (2012- 2017) Coach, Olympifit Pty. Ltd., Perth, Rockingham, Australia  
 (2007- 2012) Residential Project Development Manager, DVI Holdings Pty Ltd., Perth, Australia  
 (2005- 2009) Sales & Conveyancing Manager, Vicki Philipoff Settlements, Perth, Australia  
 (2002-2005) Head bar attendant, Crown, Burswood, Australia

## Technical and Investigative Laboratory Expertise

<b>Medical and Molecular Genetics</b>		
NAT using RT-PCR	PCR High resolution melt analysis	PCR Based-DNA Profiling
Chromosome harvesting	Multiplex PCR using STR's THO1, TPOX & CSFPO1. PCR Thermal cycling, micro centrifuge	FISH analysis
DNA Methylation using PCR and TaqMan Hydrolysis probes.	Single Strand conformation polymorphism analysis (SSCP, SSCA)	QIAxcel Electrophoresis System
Karyotyping using Smart Type 3	Chromosome culturing, isolation and G banding for karyotyping	Investigation, trisomy of chromosomes
<b>Pathology</b>		
Perform blood collection	Comply with infection control policy and procedures	Identify and respond to clinical risks associated with pathology collection
Receive and prepare pathology specimens.	Efficient operation within pathology and specimen collection environments	Collect pathology specimens other than blood
Provide donor care	Contribute to WHS processes	Authorised drug screening officer
Specimen collection and the detection and quantitation of drugs of abuse in urine.	Specimen collection and the detection and quantitation of drugs in oral fluid.	
<b>Medical BioChemistry</b>		
Mass, UV/ VIS spectrophotometry	X-ray crystallography	NMR spectroscopy
Immunofixation electrophoresis	Lipid analyses	ELISA, FACS, cell culture, organ baths, Western Blotting
LaTeX, R software suite, Labchart, FACSuite	Sybill X 2017	
<b>Sport &amp; Exercise</b>		
Gait kinematics, quantitative analysis	Force platform	Linear Transducer
<b>Statistics et al.</b>		

## **Pandemic & Public Health Experience**

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- (2020) Certificate: *Infection Control Training – COVID 19*, Australian Federal Health Department, online
- (2020) Certificate: *Competency Based Learning*, World Health Organisation Health Emergencies Program, Online
- (2020) Certificate: *Infection Prevention and Control (IPC) for Novel Coronavirus (COVID-19)*, World Health Organisation, Online
- (2020) Certificate: *Emerging Respiratory Viruses, Including COVID-19: Methods for Detection, Prevention, Response And Control*, World Health Organisation, Online
- (2020) Certificate: *Risk Communication Essentials*, World Health Organisation, Online
- (2020) Certificate: *Basic Food Handling Competency*, RTO 9281, Online

## **Professional/ Academic Memberships**

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International Parkinson's & Movement Disorder Society  
 Movement Disorder Society Australia & New Zealand  
 Australasian Neuroscience Society  
 Australian Weightlifting Federation

## **Core Competencies**

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Aetiology and pathogenesis of Parkinson's disease, Basal ganglia anatomy and physiology  
 Unified Parkinson's Disease Rating Scale  
 Pathophysiology and pharmacology of movement disorders  
 Progressive resistance training protocol design/ delivery for neurodegenerative disease  
 Non-pharmacological interventions for management and prevention:

- early onset Parkinson's Disease, secondary progressive Multiple Sclerosis
- mild cognitive impairment, early onset dementia, cerebellar ataxia

## **American Medical Association, Movement Disorder Society Certifications**

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### ***Parkinson's Disease***

- Pathology Fundamentals: Aetiology Of Parkinson's Disease-Molecular Pathophysiology
- Aetiology Of Parkinson's Disease- Pathology
- Idiopathic Parkinson Disease [IPD] Motor Symptoms
- IPD Non-Motor Symptoms, Premotor Stage, Early Treatment
- Disease Modifications In Parkinson's Disease: Current Approaches, Challenges And Future Considerations
- Parkinson's Disease: PD And Dementia
- Device Aided Medical Therapy: A Practical Comparison Of Apomorphine, Longacting Dopamine Agonists, DBS And LCIG
- Device Aided Medical Therapy: Indications And Contraindications For The Use Of Apomorphine, LCIG, And DBS In Parkinson's Disease
- Neuropathological Basis Of Nonmotor Manifestations Of Parkinson's Disease
- Molecular Imaging To Track Parkinson's Disease And Atypical Parkinsonism's: New Imaging Frontiers
- QOL Measurables: Relevance To Parkinson's Disease And Movement Disorders

### ***Tremor & Rare Disorders***

- Essential, Kinetic, Postural, And Rest Tremor
- Cerebellar, Cortical, Dystonic, Holmes', Orthostatic, And Primary Writing Tremor
- Treatable Inherited Rare Movement Disorders

### ***Fundamentals:***

- Management Of Early Motor Parkinson's Disease
- Other Causes Of Parkinsonism
- History Of Movement Disorders
- Tremors (Other Than PD)
- Chorea (Including Huntington's Disease)

### **Community Service, Voluntary Projects**

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(Present) South Perth Senior Citizens Centre, Risk Assessment Auditor & Scientific Communicator

(2015 – 2018) MS Queensland Exercise Support Officer, NeuroPhysiotherapy

(2017) Health Science & Medicine Faculty Student Representative, Semester 1 & 2, 2017

(2016- 2018) Corporate Relations Manager, Bond Pride Alliance

(2016) Event Logistics, Colour Run, Starlight Foundation, Queensland

### **References**

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Available upon request