

# CURRICULUM VITAE

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## QUALIFICATIONS

- 1984:** Bachelor of Applied Science (Physiotherapy), The University of Sydney.
- 2000:** Master of Applied Science, Physiotherapy (by research), The University of Sydney

## RECENT WORK HISTORY

- 1992 - present                      Private physiotherapy consultant and educator; member of the StrokeEd collaboration ([www.StrokeEd.com](http://www.StrokeEd.com))
- 1994 - July 2016:                      Senior physiotherapist (Level 6 clinical regrading, Dec 2008) in neurology, in the stroke unit, Bankstown-Lidcombe Hospital. Rehabilitation in aged care/gerontology including orthopaedics and people with lower limb amputations.

## PEER REVIEWED PUBLICATIONS (n=27 articles, h-index = 9)

- Curto-Vratsistas, A, McCluskey, A., & Schurr K. (2017). Use of audit, feedback and education increased guideline implementation in a multidisciplinary stroke unit. *BMJ Open Quality*, 6:e000212. doi:10.1136/bmjoq-2017-000212.
- Treacy, D., Hassett, L., Schurr, K., Chagpar, S., Paul, S.S., & Sherrington, C. (2017). Validity of different activity monitors to count steps in an inpatient rehabilitation setting. *Physical Therapy*, 97 (5), 581-588.
- Scrivener K, Tourany R, McNamanar-Holmes M, Schurr K, Dorsch S, & Dean CM (2017). Feasibility of a nurse-led weekend group exercise program for people after stroke. *Stroke Research and Treatment*, Volume 2017, Article ID 4574385, 7 pages. <https://doi.org/10.1155/2017/4574385>.
- Harvey LA, Katalinic OM, Herbert RD, Moseley A, Lannin NA Schurr K et al (2017). Stretch for the treatment and prevention of contracture: An abridged republication of a Cochrane systematic review. *Journal of Physiotherapy*, 63, 67-75.
- Harvey LA, Katalinic OM, Herbert RD, Moseley A, Lannin NA Schurr K et al (2017). Stretch for the treatment and prevention of contractures. *Cochrane Database of Systematic Reviews*. CD007455. <http://dx.doi.org/10.1002/14651858.CD007455.pub2>
- McCluskey A, Lannin NA, Schurr K, & Dorsch S. (2017). Chapter 40: Optimising motor performance and sensation following brain impairment. In M Curtin, M Egan & J Adams

(Eds.). *Occupational therapy for people experiencing illness, injury or impairment: Promoting occupation and participation* (7<sup>th</sup> ed., pp 582-609). Edinburgh; Elsevier.

- Hassett L, van den Berg, M, Lindley R, Crotty M, McCluskey A, van Ploeg H, Smith S, **Schurr K** et al. (2016). Effect of affordable technology on physical activity levels and mobility outcomes in rehabilitation: protocol for the AMOUNT (Activity and MObility UsiNg Technology) rehabilitation trial. *BMJ Open* (May).
- Treacy, D., **Schurr**, K., Lloyd, B., Sherrington, C. (2015). Additional standing balance circuit classes during inpatient rehabilitation improved balance outcomes: An assessor-blinded randomised controlled trial. *Age and Ageing*, 44(4), 580-586.
- Scrivener, K., Jones, T., **Schurr**, K., Graham, P.L., Dean, C.M. (2015). After-hours or weekend rehabilitation improves outcomes and increases physical activity but does not affect length of stay: A systematic review. *Journal of Physiotherapy*, 61(2), 61-67.
- Scrivener, K., **Schurr**, K., Sherrington, C. (2014). Responsiveness of the ten-metre walk test, Step Test and Motor Assessment Scale in inpatient care after stroke. *BMC Neurology*, 14, 1:129.
- Treacy, D., **Schurr**, K., Sherrington, C. (2013). Balance circuit classes to improve balance among rehabilitation inpatients: A protocol for a randomised controlled trial. *BMC Geriatrics*, 13, 1:75.
- McCluskey, A, Vratisistas, A, & **Schurr K** (2013). Barriers and enablers to implementing multiple stroke guideline recommendations: A qualitative study. *BMC Health Services Research*. 13:323.
- Scrivener K, Sherrington C, **Schurr K** (2013). A systematic review of the responsiveness of lower limb physical performance measures in inpatient care after stroke. *BMC Neurology*, 13:4.
- Schurr**, K Sherrington C et al (2012). The minimum sit-to-stand height test: Reliability, responsiveness and relationship to leg muscle strength. *Clinical Rehabilitation*, 26(7), 656-663.
- Scrivener K, Sherrington C, **Schurr K** (2012) Exercise dose and mobility outcome in a comprehensive stroke unit : Description and prediction from a prospective cohort study. *Journal of Rehabilitation Medicine*, 44(10), 824-829.
- Scrivener K, Sherrington C, **Schurr K** (2012) Amount of exercise in the first week after stroke predicts walking speed and unassisted walking. *Neurorehabilitation & Neural Repair*, 26(8), 932-938.
- Scrivener K, Sherrington C, & **Schurr K** (2011). Many participants in inpatient rehabilitation can quantify their exercise dosage accurately: An observational study. *Journal of Physiotherapy*, 57(2), 117-122.
- King, A., McCluskey, A., & **Schurr**, K. (2011). Observation study of the time use and activity levels of inpatients in a co-located acute and rehabilitation stroke unit. *Topics in Stroke Rehabilitation*, 18(5), 654-665.
- McCluskey, A., Lannin, N.A., & **Schurr**, K. (2010). Optimising motor performance following brain impairment (Chapter 37). In M.Curtin, M. Molineux & J. Supyk (Eds.). *Occupational therapy and physical dysfunction: Enhancing occupation* (pp 580-606, 6<sup>th</sup> ed.). Edinburgh: Churchill Livingstone.
- Schurr K**, & Ada L (2010) Observation of arm support in healthy elderly people. *European Journal of Physical Medicine and Rehabilitation*, 46, 1, 55-58.
- Katalinic, O.M., Harvey, L.A., Herbert, R.D., Moseley, A.M., Lannin, N.A., **Schurr**, K. (2008) Stretch interventions for contracture. *Cochrane Database of Systematic Reviews*, Issue 4.
- Olivetti L, **Schurr K**, Sherrington C, Wallbank G Pamphlett P, Kwan M and Herbert R (2007) A novel weight-bearing strengthening program during rehabilitation of older people is feasible and improves standing up more than non-weight bearing strengthening program: A randomised trial. *Australian Journal of Physiotherapy*. 53, 147-153.

- Schurr K & Ada L** (2006) Observation of arm behaviour in healthy elderly people: Implications for contracture prevention after stroke. *Australian Journal of Physiotherapy*. 52, 129-134.
- Nugent J, **Schurr K** & Adams R (1994) A dose response relationship between amount of weight bearing exercise and walking outcome following cerebrovascular accident *Archives of Physical Medicine and Rehabilitation*. 75, 399-402.
- Herbert R, Moore S, Moseley A, **Schurr K** & Wales A. (1993) Making inferences about muscle forces from clinical observations. *Australian Journal of Physiotherapy*. 39, 195-202.
- Moseley A, Wales A, Herbert R, **Schurr K** & Moore S. (1993) Observation and analysis of hemiplegic gait : stance phase. *Australian Journal of Physiotherapy*. 39; 259- 267.
- Moore S, **Schurr K**, Moseley A, Wales A & Herbert R. (1993) Observation and analysis of hemiplegic gait : swing phase. *Australian Journal of Physiotherapy*. 39, 271-278.

## RESEARCH GRANT FUNDING

- 2014 - **Affordable technology to improve physical activity levels and mobility outcomes in rehabilitation**  
2016  
Funded by NHMRC Project Grant (\$1,419,755)  
Investigators: Sherrington, Lindley, Crotty, **McCluskey**, ven der Ploeg, Smith, Schurr
- 2008 - **Optimising rehabilitation outcomes**  
2012  
Funded by: Ingham Health Research Institute (\$200,000)  
Investigators: Schurr\*, Dorsch\*, Sherrington#, **McCluskey**#, Togher#  
(\* Bankstown-Lidcombe Hospital; # The University of Sydney)
- 2009 **An observational study of patient activity levels in one Sydney stroke unit**  
Funded by: The National Stroke Foundation (\$3,000)  
Investigators: King, **McCluskey**, Schurr

## POST-GRADUATE STUDENTS

<i>Student:</i>	<i>Topic</i>	<i>Supervisors</i>
<b>Treacy D</b> , 2013> PhD, part-time at The University of Sydney	Balance rehabilitation in older people: Effectiveness of rehabilitation and measurement of outcomes	<i>Primary:</i> Sherrington C <i>Associate:</i> <b>Schurr K</b>
<b>Scrivener K</b> Graduated 2013, PhD – The University of Sydney	Physical rehabilitation after stroke: Measurement and prediction of exercise dose and mobility outcomes	<i>Primary:</i> Sherrington C <i>Associate:</i> <b>Schurr K</b>

## POST-GRADUATE TEACHING (2011-2017)

<b>Year</b>	<b>Event</b>	<b>Location</b>	
<b>2017</b>			
2-4 Feb	<b>Workshops in 2017:</b> Evidence-Based <u>Upper Limb</u> Rehabilitation after Stroke (over 3 days) <i>with A McCluskey</i>	Glostrup, & Brønderslev, <b>DENMARK</b>	
9-11 Feb		Gold Coast, Qld	
24-26 Mar		Brighton QLD	
30 Mar-1 Apr		Sydney, NSW x 4	
1-3 June		Singapore PGAHI, <b>SINGAPORE</b>	
12-14 June		Perth WA	
14-16 July		Ballina NSW	
2-4 Aug			
25-27 Aug			
30 Jan-1 Feb		Evidence-Based <u>Lower Limb</u> Rehabilitation after Stroke (over 3 days) <i>with S Dorsch</i>	Doha, <b>QATAR</b>
6-8 Feb	Glostrup, & Brønderslev, <b>DENMARK</b>		
28-30 Apr	Brighton QLD		
17-19 Aug	Bankstown Hospital, NSW		
3-5 Nov			
27-28 Feb	Balance retraining	Svenborg, <b>DENMARK</b>	
<b>2016</b>			
12-14 Feb	<b>Workshops in 2016:</b> Evidence-Based <u>Upper Limb</u> Rehabilitation after Stroke (over 3 days) <i>with A McCluskey</i>	Brisbane, Qld x 2	
16-18 Apr		Sydney, NSW x 4	
2-4 June		Melbourne, VIC	
11-13 Aug		Gosford, NSW	
2-4 Nov			
24-26 Nov			
3-5 Dec			
9-10 Dec			
27-28 Feb		Evidence-Based <u>Lower Limb</u> Rehabilitation after Stroke (over 3 days) <i>with S Dorsch</i>	Ryde Hospital, NSW
20-22 May			Gold Coast Univ Hosp, QLD
24-26 June	Bankstown Hospital, NSW		
18-20 Nov	Newcastle, NSW		
<b>2015</b>			
5-7 Feb	<b>Workshops in 2015:</b> Evidence-Based <u>Upper Limb</u> Rehabilitation after Stroke (over 3 days) <i>with A McCluskey</i>	Logan, QLD	
19-21 Feb		Wangarratta, VIC	
27-29 Mar		Melbourne, VIC	
16-18 Apr		Sydney, NSW x 3	
29-31 May		Dorchester, UK	
5-7 June		London, UK	
24-25 Sep		Brighton, Qld	
22-24 Oct		Delhi, INDIA	
5-7 Nov		Cairns, QLD	
10-12 Dec			
27-28 Oct		<b>Poster:</b> Increasing compliance with Australian stroke guideline recommendations using an audit and feedback cycle (Vratsistas-Curto A, Schurr K, McCluskey A)	2015 NHMRC Research Translation Symposium, <b>Sydney</b> , NSW 27-28 Oct
<b>2014</b>			
24 Nov; 5 <sup>th</sup> /12 <sup>th</sup> Dec		<b>Invited half-day masterclass:</b> Upper limb motor and sensory rehabilitation post-stroke: Implications of research evidence for clinical practice (with A McCluskey)	Hammell NeuroCenter, Nr Aarhus, Denmark
	<b>Evening lecture:</b> Translating stroke rehabilitation evidence into practice (with A McCluskey)	Torshavn, Faroe Islands, Denmark	

21/22 Feb 10/11 Apr 22/23 May 30/31 May 23-25 Jun 7/8 Aug 25/26 Sept 7/8 Nov 26-28 Nov 18-20 Dec	<b>Workshops in 2014:</b> Evidence-Based Upper Limb Rehabilitation after Stroke (over 2 or 3 days) <i>with K Schurr</i>	Gold Coast, QLD Sydney, NSW Ballina, NSW Melbourne, VIC Canberra, ACT Santiago, CHILE Sydney, NSW Caloundra, QLD Ringe, Denmark Faroe Islands, Denmark
<b>2013</b> 7/8 Mar 5/6 Apr 31 May/ 1 Jun 6/7 Sept 26/27 Sep 15/16 Nov 29/30 Nov	<b>Workshops in 2013:</b> Evidence-Based Upper Limb Rehabilitation after Stroke (over 2 days) <i>with A McCluskey</i>	Sydney, NSW x 2 Brisbane, QLD x 2 Townsville, QLD Perth, WA Adelaide, SA Frankston, Vic
22 Aug 2013	<b>Paper:</b> Does repeat audit with feedback improve compliance with stroke guideline recommendations that are resistant to change? (Schurr, Vratisistas, Trees & McCluskey)	SmartStrokes Allied Health and Nursing Australian Conference, <b>Brisbane, QLD, 22-23 Aug</b>
<b>2012</b> 1/2 Mar 1/2 June 5/6 July 10/11 Aug 27/28 Sept 25/26 Oct 10/11 Dec 13/14 Dec 17/18 Dec	<b>Workshops in 2012:</b> Evidence-Based Upper Limb Rehabilitation after Stroke (over 2 days) <i>with A McCluskey</i>	Sydney, NSW Melbourne, VIC Ipswich QLD Wagga Wagga, NSW Orange, NSW Dunfermline, SCOTLAND Hammel & Frederikssund, DENMARK
<b>2011</b> 28 Oct	<b>Paper:</b> Barriers and enablers to implementation of best practice stroke rehabilitation guidelines for physiotherapists at Bankstown-Lidcombe Hospital Stroke Unit (Lloyd, McCluskey, Vratisistas, Schurr)	Australian Physiotherapy Association National Conference, Brisbane, QLD 27-30 Oct
28 Oct	<b>Paper:</b> Use of audit, feedback and coaching to improve implementation of best practice stroke guidelines by physiotherapists at Bankstown-Lidcombe Hospital Stroke Unit (Lloyd, McCluskey, Vratisistas, Schurr)	Australian Physiotherapy Association National Conference, Brisbane, QLD 27-30 Oct
5 Aug	<b>Paper:</b> Use of audit, feedback and coaching to increase guideline implementation at the Bankstown-Lidcombe Hospital Stroke unit (McCluskey, Vratisistas, Munro, Schurr, Vickers)	SmartStrokes Allied Health and Nursing Australian Conference, <b>Surfers Paradise, QLD, 4-5 Aug</b>