Fuchs DP, Sanghvi N, Wieser J, <u>Schindler-Ivens S</u>. Pedaling alters the excitability and modulation of vastus medialis H-reflexes after stroke. *Clinical Neurophysiology*, 122(10):2036-43, 2011. PMID:21507713

Lang CE, MacDonald JR, Reisman DS, Boyd L, Kimberley TJ, <u>Schindler-Ivens SM</u>, Homby TG, Ross SA, Scheets PL. Observation of amounts of movement practice provided during stroke rehabilitation. *Archives of Physical Medicine and Rehabilitation*, 90(10):1692-8, 2009. PMID: 19801058

Mehta J, Verber M, Weser J, Schmit BD, <u>Schindler-Ivens S</u>. A novel technique for examining brain activity associated with pedaling using fMRI. *Journal of Neuroscience Methods*, 179(2):230-239, 2009. PMID: 19428532

Fuchs DP, Sanghvi NH, Schindler-Ivens SM

Curriculum Vitae: Sheila Schindler-Ivens, PT, PhD		May, 2013
Intramural Grants (Marquette University) as PI		
Way Klingler Summer Research Award Title: Cortical control of locomotion post-stroke Costs: \$5,000	Period: 05/2005	08/2005
Faculty Development Award, College of Health Sciences Title: Cortical excitability during novel and familiar locomotor tasks Costs: \$1,515	Period: 06/2005	12/2005
Jump Start Grant, Office of the Vice Provost for Research Title: Imaging of the human brain during pedaling Costs: \$1,000	Period 12/2006	06/2007
Jump Start Grant, Office of the Vice Provost for Research Title: What's the best rehabilitation prescription? Identifying factors that enhance recovery of g Costs: \$1,000	Period 12/2008 gait after stroke	06/2009
Research Development Program, Office of the Vice Provost for Research Title: Functional imaging of the human brain during locomotion Costs: \$2,300	Period 08/2007	05/2008
Regular Research Grant, Committee on Research Title: The role of the brain in controlling locomotion in people with and without stroke Costs: \$6,000	Period: 01/2009	06/2009
As Co-Investigator		

Foundation for Physical Therapy (PI: Quaney, BM)

Period

Foundation for Physical Therapy

Northwestern University, Chicago, IL. Grand Rounds in the Department of Physical Therapy and Human Movement Science. Examining human brain activity during pedaling using fMRI. November 20th, 2008

Columbia-St Mary's Hospital, Milwaukee, WI. Department of Physical Therapy Inservice. Stroke research at Marquette University. April 4, 2008.

Medical College of Wisconsin, Milwaukee, W. Grand Rounds in the Department of Physical Medicine and Rehabilitation. Impaired locomotion post-stroke: cortical and somatosensory contributions. February, 2008.

	Fall 2009		3 cr	66 students (Course # change to PHTH 7674)		
	Fall 2010		3 cr	58 students (Course # change to PHTH 7674) Sa	abbatical	
	Fall 2011		3 cr	61 students (Course # change to PHTH 7674)		
	Fall 2012		3 cr	62 students (Course # change to PHTH 7674)		
	Fall 2013		3 cr	61 students (Course # change to PHTH 7674)		
	Fall 2014		3 cr	61 students (Course # change to PHTH 7674)		
4.	Integrated M	edical Ne	uroscience (Pł	HTH 560): Course Director		
	Spring 2005		2 cr	71 students		
	Fall 2006		2 cr	53 students		
	Fall 2007		2 cr	60 students		
	Fall 2008		2 cr	65 students		
5.	Introduction	to Resea	rch and PhD E	ducation (PHTH 598): Course Director		
	Spring 2006		1 cr	9 students		
6.	Neurophysiological Principles in Disease and Rehabilitation					
	Spring 2012		3 cr	4 students		
7	Spring 2013	h	3 Cr	3 students		
1.	Summer 2012	2	1-3 cr	4 (plus ~25 non-credit attendees)		
8.	Neuro Resid	ent Stats		м <i>/</i>		
	Fall/Spring	2011	credits N/A	2 students		
	Summer	2012	credits N/A	2 students		
	Summer	2013	credits N/A	2 students		

Curriculum Vitae: Sheila Schindler-Ivens, PT,

Curriculum Vitae: Sheila Schindler

Catharine Relation (2009) Taylor Derr (2011-present) David Seck (2012-present) Cory Steinmetz (2013-present) Jill Patrick (2009) Cara Lewellyn (2011-present) Jan Struhar (2012- present) Mary Asma (2013-present)

IX. PROFESSIONAL ACTIVITIES AND SERVICE

A <u>Memberships in Professional Societies</u> Society for Neural CTBTT/FI

2013	7
2012	12
2011	5
2010	7
2009	7
2008 (began counting)	9

X. COMMITTEES AND UNIVERSITY SERVICE

A <u>University/College Service</u>

Presented at Alumni Development Event

M. Pat Murray Award for Clinical and Academic Excellence, Marquette University, Milwaukee, WI, 1988

B. Awarded to Students Mentored by Sheila Schindler-Ivens

Mary McMillan Award to Kathy Cebe Ondishko, 2009

Top Honors to Shannon Knoblauch

Marquette University Forward Thinking Research Symposium, 2008.

-reflex excitability during locomotion post-

Top Honors to Jay Mehta Forward Thinking Research Symposium, 2006.

Travel Scholarship to Dana Fuchs

Biomedical Engineering, 2007.

Third Place to Kathy Cebe Ondishko

Student Research Day, 2006

Travel Scholarship to Harrison Kalodimos

-reflexes

-reflexes during post-stroke

(REU) in Biomedical Engineering, 2006.