


**Simon A. Sharples, PhD**  
 CIHR Postdoctoral Research Fellow  
 Cincinnati Children's Hospital

Motor systems neuroscientist  
 Studying plasticity in spinal  
 circuits for movement

**Publications**  
 n=20, 506 citations  
**h-index: 10**  
**i10 factor: 11**

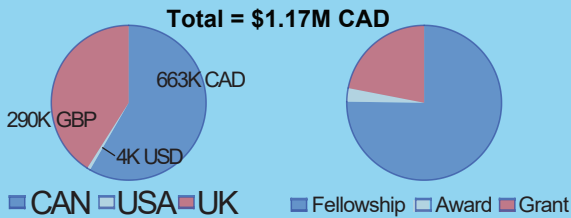
**Research Funding**  
 64 applications, 47% success  
 \$1.17M CAD, 30 awards, 3 countries



18 Awards \$663 K CAD  
 2 Awards \$4 K USD  
 11 Awards £296 K GBP

# Funding

Country Category



# Research

Interests



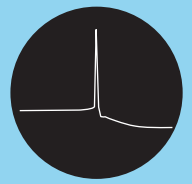
Neuromodulation  
 Development  
 Injury/Rehab

Models



Rodents  
 Humans

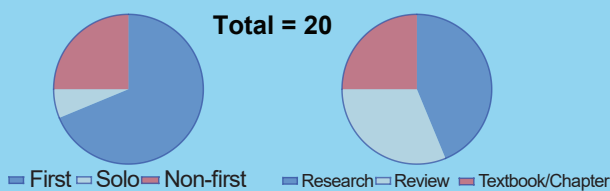
Tools



in vitro preparations  
 Electrophysiology  
 Immunohistochemistry  
**Microscopy**  
 Transcranial Magnetic Stimulation

# Publications

Authorship Article Type



2024 CIHR Fellow (2022 - Present)

Cincinnati Children's Hospital Medical Center (2024)

- Lab skills: Spinal cord injury models, respiratory physiology, electromyography, patch clamp, IHC, microscopy
- Funders: CIHR, CCHMC

PhD Neuroscience (2012-2018)

2019

Newton Fellow (2019-2022)

University of Calgary (2012-2018)

- Lab skills: in vitro electrophysiology, IHC, microscopy
- Funders: NSERC, AIHS, HBI, UofC
- 4 Studentships (\$344K CAD), 10 Awards (\$24K CAD)
- 13 Publications (10 first author), 1 Textbook

University of St Andrews (2019-2023)

- Lab skills: whole cell patch clamp, IHC, microscopy
- Funders: NSERC, The Royal Society, CIHR
- 3 Fellowships (£254K GBP), 8 Grants (£175K GBP)
- 3 Publications (2 first author)

2012 MSc Kinesiology (2010-2012)

2010

BSc Kinesiology (2006-2010)

2006

Wilfrid Laurier University (2010-2012)

- Lab skills: human neurophysiology: TMS, EMG
- Funders: NSERC, WLU
- 3 Studentships (\$60K CAD), 2 Awards (\$2K CAD)
- 3 First author publications

Wilfrid Laurier University (2006-2010)

- Cumulative GPA: 10.7
- 5 Awards (\$2.5K CAD)