

## Curriculum Vitae

**NAME** SHELLEY MANNELL

**BUSINESS ADDRESS** HeartSpace Physical Therapy for Children  
15G Neilson Street  
St. Catharines, Ontario  
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### EDUCATIONAL BACKGROUND

1986 McMaster University  
Hamilton, Ontario  
Bachelor of Health Sciences in Physical Therapy

1985 Mohawk College  
Hamilton, Ontario  
Diploma in Physical Therapy

1982 University of Western Ontario  
London, Ontario  
Bachelor of Sciences (Biology)

### PROVINCIAL REGISTRATION/LICENSE

1985 - present Ontario College of Physiotherapy  
Registration number: 06418

### PROFESSIONAL ORGANIZATIONS

1990 – present Neuro-Developmental Treatment Association  
NDT certified (C/NDT)

2014 – present American Physical Therapy Association

### EMPLOYMENT HISTORY

#### Clinical

1996 – present Physiotherapist/owner  
HeartSpace Physical Therapy for Children

1996 - 1998 Title: NPCC research coordinator  
Project Title: Development of Gross Motor Function in Children  
with Cerebral Palsy: Creation of Motor Growth Curves  
Principal Investigators: Rosenbaum P, Palisano R

1992 – 1998 Clinical Resource Therapist (part-time)  
Physiotherapy Department  
Niagara Peninsula Children's Centre

**EMPLOYMENT HISTORY**Clinical

- 1992 - 1998                      Staff Physiotherapist  
Early Intervention Team  
Niagara Peninsula Children's Centre  
St. Catharines, Ontario
- 1991 - 1993                      Title: NPCC research coordinator  
Project Title: Lower Extremity Splinting for Children with  
Cerebral Palsy.  
Principal Investigators: Evans C, Gowland C
- 1986 - 1992                      Staff Physiotherapist  
Niagara Peninsula Children's Centre  
St. Catharines, Ontario
- January - August 1990      Assistant Director (locum)  
Physiotherapy Department  
Niagara Peninsula Children's Centre  
St. Catharines, Ontario
- 1989 - 1991                      Title: NPCC research coordinator  
Project Title: Validation of an Instrument to Measure Gross  
Motor Performance for Evaluation of Treatment Outcome in  
Children with Cerebral Palsy  
Principal Investigator: Boyce W
- 1988 - 1996                      Orthotic Clinic coordinator  
Physiotherapy Department  
Niagara Peninsula Children's Centre  
St. Catharines, ON
- January - April 1986        Staff Physiotherapist  
Outpatient Orthopedics  
Victoria Hospital  
London, ON
- August - Dec 1985            Staff Physiotherapist  
Dr. Daniel Levy Memorial Sports Medicine Clinic  
Hamilton, ON

**EMPLOYMENT HISTORY**Appointments

- 1992 – 1998 Clinical Faculty Member  
Bachelor of Health Sciences Physiotherapy Programme  
McMaster University
- 1992 – 1997 Lecturer  
Bachelor of Health Sciences Physiotherapy Programme  
McMaster University

**CONTINUING EDUCATION COURSES TAUGHT (LIVE AND ONLINE)**

- 2023  
Dynamic Core for Kids  
Dynamic Core for Kids Goes to School  
Creating Connections: Introduction to NDT and Dynamic Core for Kids  
Advanced Dynamic Core for Kids: Pelvic Health Edition
- 2022  
Dynamic Relationships in Postural Control  
Waiting to Exhale: Optimizing the diaphragm for emotional regulation, anxiety and postural control  
Creating Connections: Introduction to NDT and Dynamic Core for Kids  
Developmental Foundations series
- 2021  
Dynamic Relationships in Postural Control  
Defying Gravity: Understanding and treating children with low tone  
Holistic Clinical Reasoning  
Breathtaking: Understanding the connections between breath mechanics, posture and trauma
- 2020  
Foundation for Function  
Dynamic Relationships: A Contemporary Approach to Postural Control  
Creating Connections: Introduction to NDT and Dynamic Core for Kids
- 2019  
Dynamic Core for Kids  
Dynamic Core for Kids Goes To School  
Function From the Inside Out: Sensory and Motor Processing for Postural Control  
Introduction to Neuro-Developmental Treatment
- 2018  
Dynamic Relationships In Postural Control: STAR Institute conference keynote  
\*It's The Little Things That Count: Introduction to Dynamic Core for Kids and Application to Baby Treatment  
Every Motor Event Is A Sensory Event First  
Reflexes, Reactions and Beyond: A Dynamic Systems Primer on Postural Control  
Clinical Problem Solving Master Class  
Intermediate Neuro-developmental Treatment  
Function From the Inside Out: Sensory and motor processing for postural control  
Dynamic Core for Kids
- 2017  
Expanding Your Toolbox: Integrating Therapeutic Approaches in Pediatrics  
Introduction to Neuro-Developmental Treatment
- 2016  
Defying Gravity: Understanding and Treatment Children with Hypotonia  
Function From The Inside Out: Sensory and Motor Processing for Postural Control  
Introduction to Neuro-Developmental Treatment

**CONTINUING EDUCATION COURSES TAUGHT (cont'd)**

- 2015 Building Blocks of Early Intervention  
Defying Gravity: Understanding and Treating Children with Hypotonia  
Dynamic Core for Kids Introduction to Neuro-Developmental Treatment  
Expanding Your Toolbox: Integrating Therapeutic Approaches in Pediatrics
- 2014 Dynamic Core for Kids  
Every Motor Event is a Sensory Event First (APTA CSM)  
Introduction to Neuro-Developmental Treatment  
Function from the Inside Out: Sensory and Motor Processing for Postural Control
- 2013 Dynamic Core for Kids  
Function From the Inside Out: Sensory and Motor Processing for Postural Control  
Introduction to Neuro-Developmental Treatment
- 2012 Function From the Inside Out: Sensory and Motor Processing for Postural Control  
Introduction to Neuro-Developmental Treatment
- 2011 Baby Treatment: It's The Little Things That Count  
Dynamic Core for Kids  
Introduction to Neuro-Developmental Treatment  
Posture, Balance and Movement in ASD  
The Essentials of Baby Treatment: Integrating Dynamic Core and NDT
- 2010 Core Restoration in Kids with Motor Challenge: Parts 1 and 2  
Sensory Processing Intervention in Physical Therapy Practice  
The Building Blocks of Early Intervention
- 2009 Creating Core Connections: Core Stability in Children with Motor Dysfunction  
The Building Blocks of Early Intervention
- 2008 Neuro-Developmental Handling Intensive  
On Your Feet: Integrating Approaches to Enhance Lower Extremity Function  
Perspectives on Postural Control
- 2007 Clinical Problem Solving  
Neuro-Developmental Handling Intensive
- 2006 Baby Treatment: It's The Little Things That Count  
Keeping Their Balance: Postural Control in Children with Motor Dysfunction
- 2005 Children with Mild Motor Delay: Keeping Up and Fitting In  
Problem Solving and Handling Intensive
- 2004 Combined Introductory/Intermediate Neuro-Developmental Treatment  
Introduction to Treatment of the Child with Hypotonia  
Combined Introductory/Intermediate Neuro-Developmental Treatment Course  
Introduction to Neuro-Developmental Treatment
- 2003 Introduction to Treatment of the Child with Hypotonia  
Treatment of the Trunk: Integrating Approaches to Enhance Postural Control
- 2002 Integrating Treatment Approaches to Enhance Lower Extremity Function  
Intermediate Neuro-Developmental Treatment  
Treatment of the Trunk: Integrating Approaches to Enhance Postural Control

**UNDERGRADUATE EDUCATION COURSES TAUGHT**UndergraduateMcMaster University, Bachelor of Health Sciences Physiotherapy Programme

1996-1999 Clinical Skills Lab Unit V

1992-1996 Clinical Skills Lab Unit V, Clinical Skills Lab Unit VI, Tutor Unit V

**SCHOLARLY AND PROFESSIONAL ACTIVITIES**Continuing Education

- 2023 NDTA Annual Conference: Postural Control  
Global Mentorship Alliance  
A Vision Based Approach to Torticollis  
Harris Infant Neurological Test Training (HINT)
- 2021 Congenital Diastasis Recti Abdominis  
Elastic Therapeutic Taping  
Autism Matters  
Global Mentorship Alliance
- 2020 The Kinetic Classroom Engage: The Science of Being Ready To Learn  
The W-Sitting Controversy: Evidence and Science  
Maximizing Neuroplasticity and Minimize Maladaptive Habits in Children with CP  
Level 2 Award in Postural Care Online  
Face Training: Micro Expressions Training, Subtle Expressions Training  
Gait Analysis and Orthotic Prescription for Children with Disabilities
- 2019 **Sensory Integration Certificate: SI(C)**  
USC SI Certificate Program: SI in Early Intervention  
USC SI Certificate Program: SI for Individuals on the Autism Spectrum  
USC SI Certificate Program: Sensory Integration Evaluation & Clinical Reasoning  
USC SI Certificate Program: Sensory Integration Treatment
- 2018 USC SI Certificate Program: Theoretical Foundations of Sensory Integration  
ATTACH Conference  
Pilates Reformer Instructor Certification
- 2017 Exploring Sensory Integration: From then to now and when and how  
Using Gravity to Facilitate Sensory & Motor Development in Infants & Children  
TMR for Tots/Neuro Level 1  
Academy of Pediatric Physical Therapy Annual Conference
- 2016 From Eyesight to Insight: Visual & vestibular assessment and treatment  
Infinity Walk  
APTA Combined Sections Meeting
- 2015 Understanding the Brain: The neurobiology of everyday life
- 2014 Understanding Dementia (University of Tasmania)  
Diaphragm/Pelvic Floor Piston for Adult Populations Part 2  
Pediatric Vestibular Rehabilitation  
APTA Combined Sections Meeting
- 2013 Astronaut Training  
APTA Combined Sections Meeting
- 2012 If You Can't Breathe, You Can't Function  
APTA Combined Sections Meeting

**SCHOLARLY AND PROFESSIONAL ACTIVITIES (CONT'D)**

- 2011 Seeing Moving
- 2010 Beyond Weight Bearing: Developing hand function in children
- 2009 Virtual Symposium on Pain (CPA)  
Attachment Treatment: Theory and Techniques  
Radiant Child Yoga Programme Training
- 2008 Sensory Processing and Mental Health  
Sensory Based Motor Dysfunction
- 2006 **Children's Meditation Facilitator Certification Training**
- 2005 Kinesiotaping in Paediatrics: Fundamentals and whole body techniques
- 2003 Advanced Developmental Biomechanics
- 2002 **Advanced Neuro-Developmental Treatment: Gait**
- 2001 **Advanced Neuro-Developmental Treatment: Rib cage and upper extremity**
- 1995 Advanced Clinical Practicum
- 1995 Mobilization Treatment for the Neurologically Impaired Child.
- 1994 Motor Learning Concepts in Paediatric Clinical Practice
- 1993 **Advanced Clinical Practicum**
- 1993 Oral Motor Treatment  
Treatment of the Rib Cage
- 1992 **Advanced NDT: Baby treatment**  
Casts and Splints: New concepts in the management of foot deformity
- 1991 Myofascial Release and NDT
- 1989 **NDT 8 Week Certification in the Treatment of Children with CP: C/NDT**

**SUPERVISORSHIPS:**McMaster University

- 1993-2000 Clinical Preceptor, Centre Coordination  
Physiotherapy Program  
McMaster University

**PUBLICATIONS****Peer Reviewed**

1. **Mannell S**, Wiebe J, Larin H. Dynamic Core Intervention for a Child with Cerebral Palsy. Remed Open Access. 2017; 2: 1076
2. Boyce W, Gowland C, Rosenbaum P, Lane M, Plews N, Goldsmith C, Russell D, Wright V, **Potter S**, Harding D: The Gross Motor Performance Measure: Validity and Responsiveness of a Measure of Quality of Movement. Phys Ther 75(7): 603 - 613, 1995
3. Boyce W, Gowland C, Rosenbaum P, Lane M, Plews N, Goldsmith C, Russell D, Wright V, **Zdrobov S**, Harding D: Gross Motor Performance Measure for Children with Cerebral Palsy: Study Design and Preliminary Findings. Can J Pub Health 83 (S2): S34-40, 1992
4. Boyce W, Gowland C, Rosenbaum P, Lane M, Plews N, Goldsmith C, Russell D, Wright V, **Zdrobov S** : Measures of Quality of Movement in Cerebral Palsy: A Review of the Literature. Phys Ther 71(11): 813-819, 1991

Not Peer Reviewed

- Mannell S**: Case Study Inconsistent Ankle Modulation. Cascade DAFO newsletter Jan: 1 – 4, winter, 2008

**Other**

**Journal Abstracts**

**Mannell S**, Wiebe J, Larin H: Effect of Dynamic Core Intervention on Posture and Function in a child with Cerebral Palsy. A Case Report. Poster presentation, Chicago, APTA CSM, 2012

Boyce W, Gowland C, Rosenbaum P, Lane M, Plews N, Goldsmith C, Russell D, Wright V, **Potter-Zdrobov S**, Harding D: Validation of an instrument to measure Gross Motor Performance in children with Cerebral Palsy. *Physiother Can* (1992) 44(2) Abstracts of Scientific Papers to be Presented at CPA Congress June 9-13:7

**LIFETIME PRESENTATIONS**

**Mannell S**. Brave New World: Integrating Pelvic Floor Function into Clinical Practice for Children with Motor and Sensory Challenges.

American Pediatric Physical Therapy Annual Conference 2017

**Mannell S**, Wiebe J. Dynamic Core Stability for Children with Cerebral Palsy

American Physical Therapy Association Combined Sections Meeting 2016

**Mannell S**. Every Motor Event is a Sensory Event First.

American Physical Therapy Association Combined Sections Meeting 2014

**Mannell S**, Wiebe J. Dynamic Core for Children with Challenges

American Physical Therapy Association Combined Sections Meeting 2013

**Mannell S**, Posture, Balance and Movement in ASD

Autism Ontario, 2012