

Curriculum Vitae

NAME SHELLEY MANNELL

BUSINESS ADDRESS HeartSpace Physical Therapy for Children
15G Neilson Street
St. Catharines, Ontario
L2M 5V9
905-380-1627
Email: shelly@heartspacept.com

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
Issued April 1, 2019 Expires March 31, 2020

PROFESSIONAL ORGANIZATIONS

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

1996 – 2012 Canadian Physiotherapy Association

2014 – present American Physical Therapy Association

EMPLOYMENT HISTORY

Clinical

1996 – present Physiotherapist/owner, private clinic
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 HISTORYClinical

- 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 Orthopaedics
Victoria Hospital
London, ON
- August - Dec 1985 Staff Physiotherapist
Dr. Daniel Levy Memorial Sports Medicine Clinic
Hamilton, ON

EMPLOYMENT HISTORYAppointments

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

2020	Defying Gravity: Understanding and treating children with low tone Dynamic Core for Kids Part One, Part Two Postural Control in the 21 st Century Introduction to Neuro-Developmental Treatment
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
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

CONTINUING EDUCATION COURSES TAUGHT (cont'd)

- 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 TAUGHTUndergraduateMcMaster University, Bachelor of Health Sciences Physiotherapy Programme

- 1999 Clinical Skills Lab Unit V
- 1996 Clinical Skills Lab Unit V, Clinical Skills Lab Unit VI, Tutor Unit V
- 1996 Clinical Skills Lab Unit V, Tutor Unit V
- 1995 Clinical Skills Lab Unit V, Tutor Unit V
- 1994 Tutor Unit V
- 1993 Clinical Skills Lab Unit V
- 1992 Clinical Skills Lab Unit V, Tutor Unit V

SCHOLARLY AND PROFESSIONAL ACTIVITIESContinuing Education

- 2020 Maximizing Neuroplasticity and Minimize Maladaptive Habits in Children with CP
- 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

Continuing Education

- 2019/2020 Gait Analysis and Orthotic Prescription for Children with Disabilities
- 2018/2019 University of Southern California Sensory Integration Certificate
- 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
 *Pilates for Neurological Conditions
 *Academy of Pediatric Physical Therapy Annual Conference
- 2016 *From Eyesight to Insight: Visual & vestibular assessment and treatment
 *Infinity Walk
 *APTA CSM
- 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
- 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
- 2002 *Advanced Developmental Biomechanics
- 2003 *Advanced Neuro-Developmental Treatment: Gait
- 2000 *Advanced Neuro-Developmental Treatment: Rib cage and upper extremity
- 1997 *Myofascial Mobilizations
- 1996 *Orthopedic Taping for Neuromuscular Re-Education

SCHOLARLY AND PROFESSIONAL ACTIVITIES (CONT'D)

- 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

- 2000 Clinical Preceptor
Physiotherapy Program
March – April, 1999
1 student
completed (contact hours 30)
- 1996 Centre Coordinator
Physiotherapy Program
March – April, 1997
2 students
completed (contact hours 30)
- 1996 Centre Coordinator, Clinical Preceptor
March – April, 1996
3 students
completed (contact hours 30)
- 1995 Centre Coordinator, Clinical Preceptor
Physiotherapy Program
March 6 - April 13, 1995
3 students
completed (contact hours 30)
- 1994 Centre Coordinator, Clinical Preceptor
Physiotherapy Programme
February 28 - April 8, 1994
3 students
completed (contact hours - 30)
- 1993 Centre Coordinator, Clinical Preceptor,
Physiotherapy Programme
March 1 - April 8, 1993
2 students
completed (contact hours - 30)

LIFETIME RESEARCH FUNDING**1992 Ministry of Health**

\$3000.00

Title: Development of the Gross Motor Performance Measure as a Clinical Tool

Investigator: Potter-Zdrobov S.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**, Weibe 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, 2012Boyce 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