

## CURRICULUM VITAE

**Cameron W. MacDonald, PT, DPT**  
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### **Contact Information**

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### **Education:**

2016-22	University of Newcastle, Newcastle, NSW, Australia <u>Doctor of Philosophy (Physiotherapy)</u> – commenced 8-2016, candidate 8-18
2004-6	Regis University, Denver, CO <u>Fellowship Orthopedic Manual PT</u>
2002-5	Regis University, Denver, CO <u>Doctor of Physical Therapy</u>
1991-4	University of Sydney, Sydney Australia <u>Bachelor Applied Science – Physiotherapy</u> , Sydney University, Australia

### **Licensure Information:**

Colorado – Licensed #7716 current through 10-31-2020

### **Certifications:**

Orthopaedic - #5237 (through June 30<sup>th</sup>, 2022)  
Geriatric - #5579 (through June 30<sup>th</sup>, 2022)  
FAAOMPT - #482 (through December 31<sup>st</sup>, 2026)

### **Employment and Positions Held:**

#### **Academic Positions**

2020 – present:	Associate Professor, Regis University, School of Physical Therapy, Denver, CO.
2016 – 2020:	Assistant Professor, Regis University, School of Physical Therapy, Denver, CO
2010-13 & 16-present:	Director, Regis University Fellowship Orthopaedic Manual Physical Therapy.
2019 – present:	Director, Regis University Residency in Orthopaedic Physical Therapy.
2006 – 16:	Affiliate Faculty Instructor, Regis University, School of Physical Therapy, Denver, CO

## Non-Academic Experience

- 2015 – 2020: Physical Therapist, Shallyn's Physical Therapy, Elbert, CO  
2002 – 2017: Physical Therapist, Colorado Sports & Spine Centers, Colorado Springs, CO  
2002: Physical Therapist, CMR/CMT, Colorado Springs, CO  
2001: Traveling Physical Therapist, Gratiot Community Hospital, Alma MI  
2001: Physical Therapist, Cypress Manor Health Rehabilitation Center, Hancock MI  
2000: Physical Therapist, Keweenaw Home Nursing & Superior Home Nursing, MI  
1998 – 2000: Rehab Director, Physical Therapist, Paragon Rehabilitation, Hancock, MI  
1995 – 1998: Physical Therapist, Interim Therapy Services, Contracted to Hancock, MI  
1994 – 1995: Physical Therapist, Port Kembla Hospital, Wollongong, Australia

## Peer Reviewed Publications:

- 2020 – Young S, Young T, MacDonald CW. **Physical Therapist Identification of an Undetected Rotator Cuff Tear via a Telehealth Evaluation: A case report.** *JOSPT Cases*. Accepted for publication December 1<sup>st</sup>, 2020.
- 2020 – Albin SR, Hoffman L, MacDonald CW et. al. **The effect of dry needling on gastrocnemius muscle stiffness and strength in participants with latent trigger points.** *J Electromyogr Kinesiol*. 2020 Oct 9;55: 102479
- 2020 – Hoffman L, Albin SR, MacDonald CW, Herrera J, Strueli J, Visco Z, Wildermuth N. **Normative parameters for gastrocnemius muscle stiffness and associations with patient characteristics and function.** *International Journal Sports Physiotherapy*. 2020 Oct.
- 2020 - MacDonald CW, Osmotherly PG, Rivett DA. **COVID-19 Wash your hands but don't erase them from our profession – considerations on manual therapy past and present.** *Journal of Manual & Manipulative Therapy*. Accepted for publication May 5th, 2020.
- 2020 - MacDonald CW, Lonnemann E, Petersen S, Osmotherly PG, Rivett DA. **COVID 19 and manual therapy: International lessons and perspectives on current and future clinical practice and education.** *Journal of Manual & Manipulative Therapy*. Accepted for publication May 20th, 2020.
- 2020 - Young S, Young T, MacDonald CW. **Conservative management of De Quervain's tendinopathy with an orthopedic manual physical therapy approach emphasizing first CMC manipulation: a retrospective case series.** *Physiotherapy Theory and Practice*. Accepted 11 Apr 2020, Published online: 01 Jun 2020
- 2019 - Short SM, MacDonald CW, Strack D. Hip and groin injury prevention in elite athletes and team sport – current challenges and opportunities. *Acceptance to the International Journal of Sports Physical Therapy December 2019*
- 2019 – MacDonald CW, Osmotherly PG, Parkes R, Rivett D. **The current manipulation debate: historical context to address a broken narrative.** *Journal of Manual & Manipulative Therapy*. Article ID: YJMT 1558382. February 2019 publication, editorial.

- 2018 - Strack DS, MacDonald CW, Valencia EB, *et al.* **Case for the specialized sports physical therapist to be an essential part of professional athlete care: letter from America no. 1.** *Br J Sports Med.* Published Online First: 20 February 2018.
- 2017 – Jung R, Mathew S, MacDonald CW, Littman A. **Clinical Decision Making in the Management of Patients with Cervicogenic Dizziness: A Case Series.** *JOSPT*, 2017 Vol. 47, No. 11, November.
- 2017 – Cibulka M, Bloom N, Enseki K, MacDonald CW, Woehrle J, McDonough CM. **Hip Pain and Mobility Deficits - Hip Osteoarthritis: Clinical Practice Guidelines Linked to the International Classification of Functioning, Disability, and Health from the Orthopaedic Section of the American Physical Therapy Association: Revision 2016.** *J Orthop Sports Phys Ther.* 2017 Jun;47(6):A1-A37. doi: 10.2519/jospt.2017.0301.
- 2015 – **Thoracic Spine Manual Therapy for Aging and Older Individuals.** Masaracchio, Ohja & MacDonald CW. *Topics in Geriatric Rehabilitation.* 31(3); 188-198.
- 2015 – **Hip Manual Therapy for Aging and Older Adults.** MacDonald CW. *Topics in Geriatric Rehabilitation.* 31(3); 1-8.
- 2015 - Garg A, MacDonald C. Letter to the Editor in Response Re: **The addition of cervical unilateral posterior-anterior mobilization in the treatment of patients with shoulder impingement syndrome: A randomized clinical trial.** Cook C, Learman K, Houghton S, Showalter C, O'Halloran B. *Man Ther* 2014;19(1):18-24. *Man Ther*; 2015 Jun; 20 (3):e9-10.
- 2011 – **Chronic Hip Pain in a Patient with Clinical Signs of Osteoarthritis.** MacDonald CW, Mintken. *JOSPT*, April 2011.
- 2007 – **The Short-Term Effects of Thrust versus Non-Thrust Manipulation Directed at the Thoracic Spine in Patients with Neck Pain: A Randomized Clinical Trial.** Cleland, Glynn, Whitman, Eberhard, MacDonald CW, Childs. *Physical Therapy (April 2007).*
- 2006 – MacDonald CW, Whitman, Cleland, Smith, Hoeksma. **Clinical Outcomes Following Manual Physical Therapy for Hip Osteoarthritis.** *JOSPT.* 36(8); 588-599.
- 2006 – MacDonald CW, Huijbregts P, Thesis Reviews, *Journal of Manual & Manipulative Therapy*, 14:1, 55-56, DOI: 10.1179/106698106790820908

### Submitted Presentations

- MacDonald CW, Osmotherly PG, Parkes R, Rivett DA. **19th century innovation: creation of professions integrating manual therapy and movement into healthcare and the birth of physiotherapy.** IFOMPT 2020, Melbourne, Australia. Submitted 2/20, Conference postponed till 2021.
- MacDonald CW, Osmotherly PG, Parkes R, Rivett DA. **Solving the 21<sup>st</sup> century opioid crisis: embracing manual therapy for pain management; revisiting the 19<sup>th</sup> century genesis of manual therapy.** IFOMPT 2020, Melbourne, Australia. Submitted 2/20, Conference postponed till 2021.

Albin SR, **MacDonald CW**, Koppenhaver SL, Phippen S, Ngo D, Pineda R, Cappocia S, Wendlandt A, Hoffman LR. **Dry Needling Effects on Gastrocnemius Muscle Stiffness in Individuals with Latent Trigger Points**. Poster Presentation, Combined Sections Meeting 2020, Denver CO. Submitted 4/9/19.

**MacDonald CW**, Elliott J, Walton D. **Assessment and Management of Whiplash Associated Disorder - a Comprehensive Approach**. Pre-conference two-day course, Combined Sections Meeting 2020, Denver CO, submitted 3/20/19. (*Accepted for February 11-12, 2020*)

**MacDonald CW**. Redefining our Heritage - The roots of manual therapy uncovered. Breakout Presentation. AAOMPT Annual Conference, Orlando FL 2019, submitted 2/28/19.

Dibblee P, Dennison B, **MacDonald CW**. Does Standardizing the Evaluation and Treatment Process for patients with Patellofemoral pain improve clinical outcomes? Combined Sections Meeting 2020, Denver CO.

Kinney S, Dennison B, **MacDonald CW**. How to Fall: Integrating Safe Fall Landing Strategies in Physical Therapy Management of Movement Impairments. Combined Sections Meeting 2020, Denver CO.

Christman D, **MacDonald CW**. Pragmatic Use of Multiple Classifications Within the Treatment Based Classification System for LBP: A Case Study. Combined Sections Meeting 2020, Denver CO. (*accepted*)

Cooper D, **MacDonald CW**. Early Treatment and Multimodal Approach to Combating Opioid Dependence: A Case Report. Combined Sections Meeting 2020, Denver CO. (*accepted*)

#### **Recent Peer Reviewed Scientific and Professional Presentations:**

Paulus B, **MacDonald CW**. Physiotherapeutic management of patients presenting with signs and symptoms of cervical radiculopathy: A case series. Poster presentation, AAOMPT Annual Conference, Cleveland OH, November 5-8<sup>th</sup> 2020 (Virtual), 5x5 Highlight.

Lui E, Morihara K, **MacDonald CW**, Dennison B, Hammerich AS. Caregiver training utilizing hands on techniques in an effort to ease care giver burden in the family of a child diagnosed with cerebral palsy: Implementation of clinical decision-making. Poster presentation, AAOMPT Annual Conference, Cleveland OH, November 5-8<sup>th</sup> 2020 (Virtual), 5x5 Highlight.

Fotiou C, **MacDonald CW**, Dennison B. Rapid recovery with an integrative orthopaedic manual physical therapy approach for managing lateral knee pain in a young athlete. Poster presentation, AAOMPT Annual Conference, Cleveland OH, November 5-8<sup>th</sup> 2020 (Virtual).

David C, **MacDonald CW**, Dennison B. Differential diagnosis of a young female athlete referred to physical therapy with neck pain: A case report revealing ankylosing spondylitis. Poster presentation, AAOMPT Annual Conference, Cleveland OH, November 5-8<sup>th</sup> 2020 (Virtual).

Arguelles LJ, **MacDonald CW**. Multimodal treatment approach for patient for patient with primary complaint of low back pain with advanced left hip degenerative osteoarthritis: A case report. Poster presentation, AAOMPT Annual Conference, Cleveland OH, November 5-8<sup>th</sup> 2020 (Virtual).

Waggoner J, **MacDonald CW**. Medical imaging: What is it telling us? Platform presentation, AAOMPT Annual Conference, Cleveland OH, November 5-8<sup>th</sup> 2020 (Virtual). 5 x 5 highlight.

Kinney S, **MacDonald CW**. Novel neurodynamic assessment and intervention in the management of a highly mobile athlete with lumbar radiculopathy: A case report. Poster presentation, AAOMPT Annual Conference, Cleveland OH, November 5-8<sup>th</sup> 2020 (Virtual).

Dibblee P, **MacDonald CW**. An irritability-based manual therapy and exercise approach to avoid scapulothoracic fusion post Eden Lange procedure: A case report. Poster presentation, AAOMPT Annual Conference, Cleveland OH, November 5-8<sup>th</sup> 2020 (Virtual).

Lonnemann P, Hnat S, **MacDonald CW**. A patient with a four-year history of pain following cardiovascular surgery successfully treated with a multi-model manual physical therapy approach: A case series. Poster presentation, AAOMPT Annual Conference, Cleveland OH, November 5-8<sup>th</sup> 2020 (Virtual).

Resari J, Zaruba R\*, Dennison B, **MacDonald CW**. Treatment of Migraine Headache and Neck Pain Using an Impairment Based Manual Therapy and Exercise Approach: A Case Report. AAOMPT Conference, Orlando FL. Platform presented October 26<sup>th</sup>, 2019.

Fargnoli R, Moffa J, **MacDonald CW**. Avoidance of Planned Cervical Spine Surgery with Cervico-Thoracic Spinal Manipulation in a Patient Presenting with Cervical Radiculopathy – A Case Report. AAOMPT Conference, Orlando FL. Platform presented October 26<sup>th</sup>, 2019. (*Winner clinical pearl category*)

Darban M, **MacDonald CW**. A pilot exploration of reported patient discontinuation from care across varied settings in OMPT practice. Is it just insurance limitations? AAOMPT Conference, Orlando FL. Platform presented October 26<sup>th</sup>, 2019.

Freeman C, McConney R, McKay R, Ponte EK, Tso T, **MacDonald CW**, Davis AM, Eigsti H. Leadership behaviors and goals of physical therapists in a fellowship and orthopaedic manual physical therapy program. School of Physical Therapy – Research Presentation Day, Regis University, Denver CO, October 4<sup>th</sup>, 2019.

Capoccia S, Ngo D, Phippen P, Pineda R, Wendlandt A, Hoffman L, **MacDonald CW**, Albin S. Dry needling effects on gastrocnemius muscle stiffness and strength in individuals with latent trigger points. School of Physical Therapy – Research Presentation Day, Regis University, Denver CO, October 4<sup>th</sup>, 2019.

Mariani C, Schaller-Ward J, Kinney S, **MacDonald CW**. Use of manual therapy in the acute care setting: a narrative review. School of Physical Therapy – Research Presentation Day, Regis University, Denver CO, October 4<sup>th</sup>, 2019.

**MacDonald CW**, Rivett DA. **The genesis of manipulative practice in the United States – a cross professional exploration**. Conference on Mechanical Medicine: Exploring the History of Healing by Exercise, Manipulation and Massage. London, UK, May 2019.

**MacDonald CW**. Identifying the basis of manual therapy for the physiotherapy, chiropractic, medical and osteopathic professions. Platform Presentation, 2019 URSC Annual Research and Scholarship Symposium.

Hoffman, LR, Albin, SR, **MacDonald, CW**, Koppenhaver, SL, Phippen, S, Ngo, D, Pineda, R, Cappocia, S, Wendlandt, A. **Dry Needling Effects on Gastrocnemius Muscle Stiffness in Individuals with Latent Trigger Points – An Interim Analysis**. Poster Presentation, 2019 URSC Annual Research and Scholarship Symposium.

Sara Hourihan, **MacDonald CW**. Combining manual therapy and vestibular therapy in the diagnosis of a patient with multifactorial dizziness: Platform Presentation. AAOMPT 2018 Conference, Reno NV, Poster Presentation. November 9<sup>th</sup>, 2018.

Smith M, Footer C, **MacDonald CW**, Smith A. **Establishing our brand for today's applicant – A DPT interview process**. Education Leadership Conference. October 15<sup>th</sup>, 2017. Columbus OH.

Pugliese M, **MacDonald CW**. **The use of manual therapy and joint position training in an individual presenting with low back pain and a lateral shift: A case report**. Platform Presentation: *AAOMPT Conference*, Oct 17-18<sup>th</sup>, 2017 Salt Lake City, UT.

Drenning R, **MacDonald CW**. **An impairment-based approach to address thoracolumbar junction syndrome with resolution of presenting visceral symptoms: A case report**. Platform Presentation: *AAOMPT Conference*, Oct 17-18<sup>th</sup>, 2017 Salt Lake City, UT.

Schroedter B, **MacDonald CW**. **Management of chronic auditory sequelae and associated facial impairments with a multi-modal approach in orthopaedic manual physical therapy (OMPT)**. Platform Presentation: *AAOMPT Conference*, Oct 17-18<sup>th</sup>, 2017 Salt Lake City, UT.

Swink T, **MacDonald CW**. **Dry needling for a patient with acute low back pain satisfying the clinical prediction rule for manipulation: A case report**. Platform Presentation: *AAOMPT Conference*, Oct 17-18<sup>th</sup>, 2017 Salt Lake City, UT.

Stone E, **MacDonald CW**. **Identification and treatment of a lateral femoral cutaneous nerve entrapment in a 36-year-old female presenting with persistent anterolateral hip pain: A case report**. Platform Presentation: *AAOMPT Conference*, Oct 17-18<sup>th</sup>, 2017 Salt Lake City, UT.

**MacDonald CW**, Mirza S, Smith MB. **Manual Therapy in the Aging Population**. Educational Session. Combined Sections Meeting APTA, 2017, San Antonio TX.

#### **Recent Poster Presentations:**

Hagan J, **MacDonald CW**. Integration of Pain Neuroscience Education and Manual Therapy for the Management of Chronic Great Toe Pain and Dysfunction: A Case Study. AAOMPT Conference, Orlando FL. Poster presented October 26<sup>th</sup>, 2019.

Hagan J, **MacDonald CW**. Spinal Manipulation Combined with Joint Position Sense Training in a Patient with Chronic Neck Pain, Headaches, Upper Limb Pain, and Post-Concussive Syndrome: A Case Report. AAOMPT Conference, Orlando FL. Poster presented October 26<sup>th</sup>, 2019.

Purimetla P, **MacDonald CW**. Chronic L Anterior Hip and Medial Knee Pain Managed with Joint Mobilization to Lumbar Spine and Neurodynamics to Femoral Nerve. AAOMPT Conference, Orlando FL. Poster presented October 26<sup>th</sup>, 2019.

Kinney S, **MacDonald CW**. Utilizing Manual Therapy and Running Activities in the Management of An Individual with Knee Osteoarthritis, Obesity, and A Sedentary Lifestyle: A Case Report. AAOMPT Conference, Orlando FL. Poster presented October 26<sup>th</sup>, 2019.

Cummings R, **MacDonald CW**. Orthopaedic Manual Physical Therapist Management of An Adolescent Swimmer with Traumatic Lumbar Spondylolysis Presenting As Low Back Pain with Lateral Shift: A Case Report. AAOMPT Conference, Orlando FL. Poster presented October 26<sup>th</sup>, 2019.

Griggs M, **MacDonald CW**. Lumbar Mobilization and Exercise for the Treatment of Insertional Achilles Tendinopathy. AAOMPT Conference, Orlando FL. Poster presented October 26<sup>th</sup>, 2019.

Schmidt T, **MacDonald CW**. Utilization of Two Stage Whole Neural Path Management for Suspected Common Peroneal Nerve Neuropraxia in A Female Athlete: A Case Report. AAOMPT Conference, Orlando FL. Poster presented October 26<sup>th</sup>, 2019.

Eckenhoff C, **MacDonald CW**. Student Development in Mentored Management of Chronic Femoral Acetabular Impingement Utilizing Manual Therapy and Exercise. AAOMPT Conference, Orlando FL. Poster presented October 26<sup>th</sup>, 2019.

Moua G, **MacDonald CW**. Progressive Management in A Challenging Lateral Epicondylalgia Presentation: The Role of Cervico-Thoracic and Breathing Impairments. AAOMPT Conference, Orlando FL. Poster presented October 26<sup>th</sup>, 2019.

Hnat S, **MacDonald CW**. Clinical Decision Making While Managing An Athlete with Low Back Pain And Headaches: A Case Study. AAOMPT Conference, Orlando FL. Poster presented October 26<sup>th</sup>, 2019.

Curtis JQ, **MacDonald CW**. Combining Pain Neuroscience Education with Manual Therapy and Exercise Management for an Individual with An Exacerbated 10-year Presentation of Bilateral Foot Pain. AAOMPT Conference, Orlando FL. Poster presented October 26<sup>th</sup>, 2019.

Lunasin R, **MacDonald CW**. Addressing Lumbopelvic Dysfunction with a Multiplanar Long Axis Distraction Sequenced Approach: Clinical Pearl. AAOMPT Conference, Orlando FL. Poster presented October 26<sup>th</sup>, 2019.

Madani P, **MacDonald CW**. Regional Manual Interventions and Progressive Multi-Modal Management for A Female Patient with Low Back Pain and Osteoporosis. AAOMPT Conference, Orlando FL. Poster presented October 26<sup>th</sup>, 2019.

Knighton A, **MacDonald CW**. Adapting regional interdependence to address movement system impairments of the thoracic cage, diaphragm, and phrenic nerve to resolve shoulder pain in a competitive cyclist: a case report. AAOMPT 2018 Conference, Reno NV, Poster Presentation. November 9<sup>th</sup>, 2018.

**MacDonald CW**, Dommerholt J, Burkhart B. Scar tissue manipulation with adapted dry needling to address chronic motion impairment: A case report. AAOMPT 2018 Conference, Reno NV, Poster Presentation. November 9<sup>th</sup>, 2018.

Trauber E, **MacDonald CW**. Conservative management of an individual with femoral acetabular impingement syndrome using an impairment-based approach and a regional interdependence model: a case report. AAOMPT 2018 Conference, Reno NV, Poster Presentation. November 9<sup>th</sup>, 2018.

Probert E, **Hammerich A, MacDonald CW**. The Use of Dry Needling as an Early Intervention for Gluteus Medius Weakness in a Patient Following Hip Arthroscopy for Femoral Osteochondroplasty and Labral Repair: A Case Report. AAOMPT 2018 Conference, Reno NV, Poster Presentation. November 9<sup>th</sup>, 2018.

Harpp J, **MacDonald CW**. A progressive regional interdependence approach in the management of posterior shoulder pain in an elite climber. AAOMPT 2018 Conference, Reno NV, Poster Presentation. November 9<sup>th</sup>, 2018.

McCole K, **MacDonald CW**. The use of intramuscular electric stimulation to hip lateral rotators and extensors in a patient with patellofemoral pain syndrome after initial failed localized treatment: a case report. AAOMPT 2018 Conference, Reno NV, Poster Presentation. November 9<sup>th</sup>, 2018.

Bertch M, **MacDonald CW**. Management of an inversion ankle sprain: a case report incorporating external evidence into clinical reasoning. AAOMPT 2018 Conference, Reno NV, Poster Presentation. November 9<sup>th</sup>, 2018.

Smith P, **MacDonald CW**. The use of manual therapy, pain neuroscience education, and exercise management in an individual presenting with neck and jaw pain following Rhytidectomy with Platysmaplasty: A case report. AAOMPT 2018 Conference, Reno NV, Poster Presentation. November 9<sup>th</sup>, 2018.

Russo W, **MacDonald CW**. Neurodynamic Interventions and Functional Exercise for the Management of a Patient with Juvenile Rheumatoid Arthritis: a case report. AAOMPT 2018 Conference, Reno NV, Poster Presentation. November 9<sup>th</sup>, 2018.

Aquino R, **MacDonald CW**. **Management of persistent post-rotator cuff repair stiffness with combination of impairment-based manual therapy approach, and individualized exercise and home management program. Case study.** Poster Presentation: *AAOMPT 2017 Conference*, October 17<sup>th</sup>. Salt Lake City, UT.

Biland J, **MacDonald CW**. **Management of a patient with multiple sclerosis presenting with neck pain, shoulder pain and upper extremity weakness in the presence of altered cervical spine proprioception: A case report.** Poster Presentation: *AAOMPT 2017 Conference*, October 17<sup>th</sup>. Salt Lake City, UT.

Brachman D, **MacDonald CW**. **Considerations in management of a patient with Ehlers Danlos syndrome undergoing sequential bilateral total knee arthroplasty: A case study.** (*AAOMPT 2017 First Place lower extremity*). Poster Presentation: *AAOMPT 2017 Conference*, October 17<sup>th</sup>. Salt Lake City, UT.

Wahl B, **MacDonald CW**. **Effectiveness of dry needling within an OMPT approach for myofascial trigger points in hips following sexual assault trauma: A case report.** Poster Presentation: *AAOMPT 2017 Conference*, October 17<sup>th</sup>, Salt Lake City, UT.

Weber T, **MacDonald CW**. **Regional interdependence and impairment-based considerations in the treatment of plantar heel pain: A case report.** Poster Presentation: *AAOMPT 2017 Conference*, October 17<sup>th</sup>, Salt Lake City, UT.

Weber T, **MacDonald CW**. **Emergent referral of a streptococcus infection presenting with thoracic strain: A case report.** Poster Presentation: *AAOMPT 2017 Conference*, October 17<sup>th</sup>, Salt Lake City, UT.



Van Voorst D, MacDonald CW. **Management of patients with neck pain and cervicogenic headaches with targeted manual therapy and exercise instruction. A case series.** Poster Presentation: *AAOMPT 2017 Conference*, October 17<sup>th</sup>, Salt Lake City, UT.

Busemeyer T, MacDonald CW. **Failed conservative management of accessory navicular syndrome in a high school female athlete: a case report.** *Fall Conference APTA CO*, October 6<sup>th</sup>, Keystone, CO.

MacDonald CW, O'Reilly S. **Dynamic clinical decision making in a patient centered model – case example in pediatric orthopaedic manual therapy.** *IFOMPT 2016 conference*, July 8<sup>th</sup>, Glasgow, Scotland UK.

Boyd S, MacDonald CW. **The addition of motor control exercise for the hip, with avoidance of ankle/foot compensations, as part of an impairment-based approach for recurrent low back pain in a high school football athlete: A case report.** Poster Presentation: *AAOMPT 2016 Conference*, October 28<sup>th</sup>, St Louis MO.

Boyd S, MacDonald CW. **A multi-model approach including manual therapy, dry needling, and exercise for the management of trochanteric pain syndrome: A case report.** Poster Presentation: *AAOMPT 2016 Conference*, October 28<sup>th</sup>, St Louis MO.

Goldstein D, MacDonald CW. **Management of a patient with acute low back pain using the treatment based classification model and trigger point dry needling.** Poster Presentation: *AAOMPT 2016 Conference*, October 28<sup>th</sup>, St Louis MO.

Grillo A, MacDonald CW. **Orthopedic manual therapy in the treatment of acute onset upper extremity nerve entrapment following a mammogram: A case report.** Poster Presentation: *AAOMPT 2016 Conference*, October 28<sup>th</sup>, St Louis MO.

Johns, C, MacDonald CW. **Case study report: An orthopaedic manual physical therapy approach for treating low back pain in a patient with Marfan syndrome.** Poster Presentation: *AAOMPT 2016 Conference*, October 28<sup>th</sup>, St Louis MO.

Kelley E, MacDonald CW. **An integrative orthopaedic manual physical therapy approach for treating a patient with persistent ankle pain: A case study report.** *AAOMPT 2016 Conference*, October 28<sup>th</sup>, St Louis MO.

Mali A, MacDonald CW. **Accelerated recovery from chronic low back pain, with the addition of pelvic floor strengthening, for a patient partially meeting the criteria of lumbar stabilization in a treatment based classification approach for low back pain management.** *AAOMPT 2016 Conference*, October 28<sup>th</sup>, St Louis MO.

Myers B, MacDonald CW. **Impairment based management of insidious unilateral foot drop with unknown cause: A case report.** *AAOMPT 2016 Conference*, October 28<sup>th</sup>, St Louis MO.

Pegram C, MacDonald CW. **Management of greater trochanteric pain syndrome utilizing a regional interdependence OMT approach with functional exercise: A case study report.** *AAOMPT 2016 Conference*, October 28<sup>th</sup>, St Louis MO.

Singh T, MacDonald CW. **Multimodal approach to treat idiopathic heel pain: A case report.** *AAOMPT 2016 Conference*, October 28<sup>th</sup>, St Louis MO.

Tyler S, MacDonald CW. **A multi-modal approach to rehabilitation post a sacral resection due to sacral chordoma: A case report.** *AAOMPT 2016 Conference*, October 28<sup>th</sup>, St Louis MO.

Young S, MacDonald CW. **Successful management of a patient with neck and left shoulder pain presenting with combined musculoskeletal and neurological impairments.** *AAOMPT 2016 Conference*, October 28<sup>th</sup>, St Louis MO.

### **Article Reviewer**

2020 - Journal of Manual and Manipulative Therapies – JMMT-2020-0763: Physical Therapy for the Treatment of Respiratory Issues using Systemic Manual Therapy Protocols (recommended major revisions – article declined)

2020 - Physical Therapy Journal – PTJ-2020-0348: Reliability and Concurrent Validity of Shoulder Tissue Irritability Classification (recommended minor revisions – article accepted)

2020 - Chiropractic & Manual Therapy - CHMT-D-20-0098: Assessing forces during spinal manipulation and mobilization: factors influencing the difference between forces at the clinician-patient and patient-table interfaces Chiropractic & Manual Therapies (recommended minor revisions)

### **Teaching of Continuing Education and Conferences:**

2004 – February      Lab Instructor - with Dr Timothy Flynn, OCS FAAOMPT - High Velocity thrust for the treatment of cervical headaches

2004 – February      Instructor/Presenter - Mobilization Hip for OA

2004 – March          Lab Instructor, assistant to Dr Timothy Flynn, OCS FAAOMPT – Lumbo-pelvic & Hip Mobilization & Manipulation

2004 – April          Lab Instructor, assistant to Dr Timothy Flynn, OCS FAAOMPT - CO APTA Conference, Chronic LBP, Manipulation

2005 – May            Instructor/Presenter – Mobilization of the shoulder

2005 – October       AAOMPT Platform presentation - “Clinical outcomes following manual physical therapy for hip OA: A case series.”

2005 – November    Community presentation – PT considerations for the mature skier.

2006 – March        Lab Instructor – APTA CO Conference. Manual PT for TMJ and upper cervical dysfunction. Presented with Joel Rauser PT MPT CFC.

2006 – March        Presenter - Manual PT for Shoulder RTC and Sub-acromial Impingement, Course for SE APTA CO.

2006 - May            Presenter – Manual PT post TKA, emphasis hip/pelvic treatment.

2006 – Fall	<u>Instructor</u> - tDPT online & weekend intensive Cervico-Thoracic Management (8 wks)
2006 – August	<u>Instructor</u> - Rehabilitation of the adolescent thrower.
2006 – October	<u>Instructor</u> – Management of Upper Cervical Spine and TMJ with Joel Rasuer PT MTC CFC
2006 – December	<u>Instructor</u> – Evidence Based Interventions for the Cervical and Thoracic Spine with John Childs PT PhD OCS FAAOMPT
2006 – December	<u>Community presentation</u> – PT and hip/knee osteoarthritis.
2007 – Winter	<u>Instructor</u> – tDPT online & weekend intensive Lower Extremity Management (8wks) Regis University
2007 – Feb	<u>Instructor</u> – Evidence Based Interventions for the Upper Extremity with Joshua Cleland PT DPT PhD OCS FAAOMPT
2007 – Spring	<u>Instructor</u> – tDPT online Advanced Clinical Decision Making – research applications, writing and development for Doctoral students. 34 trials.
2007 – March	<u>Lab Instructor</u> – Manual PT for the Lumbar Spine and Pelvis, Weekend Intensive with Timothy Flynn PT PhD OCS FAAOMPT
2007 – Aug – Oct	<u>Instructor</u> – tDPT online Upper Extremity Manual PT management
2007 – September	<u>Instructor</u> – 2 day course EBP Cervico-Thoracic Orthopedic Manual PT management with EIM
2007 – October	<u>Instructor</u> – Evidence based interventions for management of Lumbar Spine Stenosis, spinal, pelvic and hip manual PT and exercises.
2008	<u>Instructor</u> – Geriatric Orthopedic Manual Therapy with considerations for LSS and osteoporosis (with Julie Whitman)
2008	<u>Instructor</u> – Upper Extremity, Lower Extremity and Lumbo-Pelvic OMPT management Courses – Regis
2008/10-18	<u>Examiner</u> – Fellowship Practicum Exams – AAOMPT conference/Regis
2008-15	<u>Instructor</u> – Online Virtual Rounds for Fellowship (Regis OMPT)
2009	<u>Instructor</u> – Upper Extremity, Lower Extremity, Cervico-Thoracic and Lumbo-Pelvic OMPT 8-week management Courses – Regis
2010	<u>Instructor</u> – Lower Extremity, Lumbo-pelvic and weekend intensive of Upper Extremity OMPT Management course 8 weeks
2010 - March	<u>Instructor</u> – APTA CO Spring symposium – conservative and post-surgical management of acetabular labral tears and hip impairments
2010/11/12 - Fall	<u>Instructor</u> – Graduate level DPT Advanced manipulation course

2011 – February	<u>Presenter</u> – CSM: Graduate outcomes with Fellowship training
2011 – June	<u>Presenter</u> – APTA Lecture on “Aging Joints” with Hammerich/Little
2011 - 13	<u>Instructor &amp;/or Fellowship Instructor</u> – Upper Extremity, Lower Extremity, Cervico-Thoracic and Lumbo-Pelvic OMPT 8-week
2012 – April	<u>Instructor</u> – PT management of hip impairments, SE APTA
2012 – June	<u>Instructor</u> – CES Biomechanics APTA conference series with Tom McPoil & Chris Powers for the lower extremity
2012 – June	<u>Presenter</u> – DC planning transition expert panel at APTA national.
2012 – October	<u>Presenter</u> – IFOMPT Hip labral Impairments, PT management
2013 – June	<u>Presenter</u> – TRIA orthopedic conference Hip and Knee OA interventions
2013 – October	<u>Instructor</u> – Italy – Hip management course
2013 – October	<u>Presenter</u> – AAOMPT conference – History of Manual PT
2014 – May	<u>Instructor</u> – Craig Spinal Injury Hospital – UE management with manual therapy interventions.
2014 – July	<u>Presenter/Instructor</u> – Hip/pelvic management intra-articular. CSSC, CO.
2014 – Aug/Sept	<u>Instructor</u> – UE management course Fellowship in Manual Therapy
2014 – November	<u>Instructor</u> – Knee and Hip arthroplasty rehabilitation - Italy
2014 – November	<u>Presenter/Instructor</u> – Practice management for overseas Physiotherapist and hip management interventions in Sydney and Newcastle, Australia
2014 – November	<u>Presenter/Instructor</u> – Hip Management course & PTA course CO
2015 – January	<u>Instructor</u> – Direct Access management Hip and Shoulder – Michigan
2015 – March	<u>Assistant</u> – Cervical management course – Mintken/Bade
2015 – May	<u>Instructor</u> – Management of the shoulder two-day course – Hawaii
2015 – June	<u>Presenter</u> – APTA NEXT conference – Management of intra-articular hip impairments, recorded also for online course
2015 – Aug/Sept	<u>Instructor</u> – UE management course Fellowship in Manual Therapy
2015 - October	<u>Presenter</u> – Diagnosis and Prognosis through intervention. AAOMPT conference.
2015 – October	<u>Presenter</u> – Clinical pearls and quick tricks for OMPT –AAOMPT conference.
2016 – Jan/Feb	<u>Instructor</u> – LE management course Fellowship in Manual Therapy
2016 – April	<u>Instructor</u> – UE select manual therapy & exercise, Montrose, CO.

- 2016 – May                    Instructor – Hip select manual therapy & exercise, Maui, Hawaii.
- 2016 – October              Presenter - MacDonald CW. Understanding the foundations of manual therapy across professions to enlighten the future of OMPT. Education session AAOMPT
- 2016 – November            Instructor – Lumbo-pelvic manual therapy & exercise, Montrose, CO.
- 2017 – February             Presenter – Manual Therapy in the Aging Population, Combined Sections Meeting APTA, San Antonio TX.
- 2017 – March                Instructor – Lumbo-pelvic and Hip Management for SCI, TBI and neuro complex patients. Craig Hospital, CO.
- 2017 – April                 Instructor – Cervico-thoracic manual therapy & exercise, Montrose, CO.
- 2017 – September          Instructor – Manual therapy for the older adult. Full day course, New Mexico Fall Conference APTA, Albuquerque, NM.
- 2017 – October              Instructor – Lower extremity manual therapy & exercise, Montrose, CO.
- 2018 – May                  Instructor – Management of the cervico-thoracic spine. Maui, HI. Venture Physical Therapy.
- 2018 – June                 Instructor – Management of upper extremity impairments. Bureau of Prisons, Denver, CO.
- 2019 – July                  Instructor - Management of the Lumbar Hip complex: Clinical Reasoning within an orthopaedic manipulative approach. Portland, OR.
- 2019 – November          Instructor – Select Manual Therapy & Exercise Interventions for Cervico-Thoracic Impairments & Whiplash Management. Hays, KS, Fall Conference KS APTA.

**Funded/In Review Grant Activity:**

**MacDonald CW.** Identifying the basis of manual therapy for the physiotherapy, chiropractic, medical and osteopathic professions: Is there a common genesis from 19<sup>th</sup> century Northern Europe? Author.  
\$4000.  
URSC, Regis University 2018.

**Current/Active Research Activity:**

**MacDonald CW.** Identifying the basis of manual therapy for the physiotherapy, chiropractic, medical and osteopathic professions: Is there a common genesis from 19<sup>th</sup> century Northern Europe?  
Doctor of Philosophy, Scholarship Funded, 2016-21.  
University of Newcastle, Australia.

**Membership in Scientific/Professional Organizations:**

American Academy of Orthopaedic Manual Physical Therapists (AAOMPT). (2006-present)  
 American Physical Therapy Association (1998-present). Currently Orthopaedic, Geriatric and  
 Health Policy Academy member. (2002 Ortho & Geri, 2016 HPA – present)

**Consultative and Advisory Positions Held:**

APTA representative 2008-19	ACOEM Hip Panel, consultant Low Back Pain
Panel of Experts 2006	National PT Examination Expert panel with FSBPT
Panel of Experts 2007-8	Geriatric Specialist Exam – appointed but did not serve
AAOMPT Panel 2006/17	Description of Advance Practice in Manual Physical Therapy
Expert Witness	Colorado Alternate Defense Counsel
2005-7	MERIC IRB Board for Research into Orthopedics
2006-11,16-21	Delegate SE District APTA, APTA House of Delegates
2011-15	Chief Delegate CO APTA
2010-21	CO APTA Board of Directors
2013-20	President Program Director Special Interest Group AAOMPT
2015-21	President Colorado Chapter APTA

**Community Service:**

1995-2020	Presented to multiple community groups of exercise and aging, falls prevention, community health & wellness, managing degenerative joint disease, successful aging. Also spoke at elementary schools and middle schools on health and wellness and the profession of Physical Therapy.
2016-19	Nine Health Fair – Denver (Heritage Denver Indian Center, Schools in Denver Public Schools)
2016-19	Project Homeless Connect – Denver Convention Center

**Services to the University/College/School on Committees/Councils/Commissions:**

School of Physical Therapy

2016	Admissions committee
Chair	Post-Professional Education Regis University School Physical Therapy
Member	Strategic Planning Review School PT, Residency Development
Director	Orthopaedic Manual Therapy Fellowship, Residency in Orthopaedics
Developer	Sunset Task Force PT Practice Act Colorado 2017-18 (implemented)

**Honors and Awards:**

2005	<u>Excellence in Leadership in PT – Regis University 2005</u>
2006	<u>George J. Davies &amp; James A. Gould Excellence in Clinical Inquiry 2006</u> – for research published as a case series or similar format in JOSPT. <b>MacDonald et al</b> hip case series.

- 2006 Excellence in Research Award, American Academy of Orthopaedic Manual Physical Therapists 2006 - J Cleland, P Glynn, J Whitman, S Eberhart, **Cameron MacDonald** & J Childs
- 2009 Bob Doctor Service Award 2009 – Service award for outstanding service to the Colorado chapter of the APTA.
- 2008 Jack Walker Award – Best Article in Clinical Practice Published in 2007 in Physical Therapy - The Short-Term Effects of Thrust versus Non-Thrust Manipulation Directed at the Thoracic Spine in Patients with Neck Pain. Cleland, Glynn, Whitman, Eberhart, **MacDonald**, Childs.

**Current Teaching Responsibilities in the Entry-Level Program for Academic Year of Site Visit:**

Doctor of Physical Therapy Program

DPT 731	Differential Diagnosis
DPT 733	Management of musculo-skeletal disorders I (lower extremity)
DPT 734	Management of musculo-skeletal disorders II (pelvis and trunk)
DPT 735	Management of musculo-skeletal disorders III (cervical/upper extremity)
DPT 780/1	Advanced Manipulation in PT practice

Fellowship in Orthopaedic Manual Physical Therapy

DPT 745T	Management of Lower Extremity disorders
DPT 746T	Management of Upper Extremity disorders
DPT 790T	Clinical practicum
DPT 784/785/786T	Virtual rounds

Residency in Orthopaedic Physical Therapy

DPT 802	Advanced Clinical Practice II
DPT 813	Orthopaedic Specialty Practice III
DPT RR	Resident Rounds