#### **CURRICULUM VITAE**

Bradley M. Kruse PT, DPT, EdD, SCS, CSCS, CSMT, Cert. DN, Cert. MDT 3049 Spring Valley Road Dubuque, IA 52001 563-513-4509

bradley.kruse@clarke.edu

Doctor of Physical Therapy Program, Clarke University

### **Education:** University of St. Augustine for Health Sciences

St. Augustine, FL May 2010 – April 2017 Doctor of Education in Health Sciences Education April 14<sup>th</sup>, 2017

#### Clarke College

Dubuque, IA July 2006 – August 2007 Physical Therapy Doctor of Physical Therapy, August 15<sup>th</sup>, 2007

#### **St. Ambrose University**

Davenport, IA August 1995 - May 1998 Physical Therapy Master of Physical Therapy, May 10<sup>th</sup>, 1998

#### **South Dakota State University**

Brookings, SD August 1991 – May 1995 Athletic Training Bachelor of Science in Athletic Training, May 12<sup>th</sup>, 1995

## **University of South Dakota**

Vermillion, SD August 1990 – May 1991

## **Licensure Information/Registration Number:**

Physical Therapist – Iowa License number 02771 Expires 12/15/2025

### **Certifications:**

Certificate in Vestibular Rehabilitation

Vestibular PT

Certificate date October 2023

Sports Clinical Specialist (SCS): Certification No. 6181

American Board of Physical Therapy Specialties (ABPTS)

Certified May 2003, Re-certified May 2013, currently completing re-certification

Certified Spine Manual Therapist (CSMT)

Evidence in Motion/International Spine and Pain Institute

Certified Strength and Conditioning Specialist (CSCS): Certification No. 9910583

National Strength and Conditioning Association (NSCA)

1999 – Present

Certified in Mechanical Diagnosis and Treatment (Cert. MDT): Certification No. 1698

The McKenzie Institute – USA

2005

Certificate in Dry Needling (Cert. DN)

Dry Needling Institute and American Academy of Manipulative Therapy

Certification in Selective Functional Movement Assessment (SFMA) Level I

**Functional Movement Systems** 

2018

Certification in Functional Movement Screen (FMS) Level 2

**Functional Movement Systems** 

2012 (Level I), 2018 (Level II)

Certified Ergonomic Assessment Specialist (CEAS)

Back School of Atlanta

2006

Certified Athletic Trainer: Certification No. 029802421

National Athletic Trainers Association Board of Certification (NATABOC) 1998-2022

## **Employment and Positions Held:**

Faculty

Chair of Physical Therapy

Professor

Tenured

Clarke University

Dubuque, IA

June 2024-Present

Faculty

Chair of Physical Therapy

**Associate Professor** 

**Tenured** 

Clarke University

Dubuque, IA

June 2023-June 2024

Faculty
Interim Chair of Physical Therapy
Associate Professor
Tenured
Clarke University
Dubuque, IA
July 2022-May 2023

Faculty Associate Professor Tenured Clarke University Dubuque, IA August 2018 – July 2022

Staff Physical Therapist (Part-time) Dubuque Physical Therapy March 2017-present

Faculty
Assistant Professor
Tenure Track, non-tenured
Clarke University
Dubuque, IA
June 2011 –July 2018

Faculty
Instructor
Non-Tenure track
Clarke University (Formerly Clarke College)
Dubuque, IA
September 2006 – May 2010

Staff Physical Therapist (Part-time) Mercy Medical Center- Dubuque September 2006-February 2017

PRN Physical Therapist The Finley Hospital, Dubuque, IA. November 2006-May 2007

Staff Physical Therapist Mercy Medical Center – Dyersville September 2004-2006

Adjunct Instructor, Clarke College Dubuque, IA September 2004-August 2006 Staff Physical Therapist Mercy Medical Center – Dubuque May 2002-September 2004

Site Coordinator Mercy Rehab Services - Cascade and Monticello June 2000-May 2002

Staff Physical Therapist Mercy Rehab Services - Cascade June 1998-June 2000

#### **Current Teaching Responsibilities in the Entry-Level Program:**

Fall

DPT 614 Musculoskeletal Examination and Intervention I

DPT 619 Clinical Practicum

DPT 714 Musculoskeletal Examination and Intervention III

DPT 710 Topics in Sports Medicine

**DPT 717 Scholarly Project** 

I also provide guest lectures for DPT 528 Physical Agents (dry needling), DPT 612 Pathophysiology (mechanisms of pain), DPT 712 Primary Care (Concussion Assessment and Management).

## Spring

**DPT 529 Clinical Practicum** 

DPT 624 Musculoskeletal Examination and Intervention II

DPT 629 Clinical Practicum

DPT 720 Graduate Seminar

I also provide guest lectures in DPT 526 Physical Therapy Examination and Intervention (Neurodynamics, Introduction to Musculoskeletal Examination) and I participate in the combined practical exam for DPT 518, 524 and 526.

## Courses taught in prior semesters

DPT 528 Therapeutic Exercise 2009-2021

DPT 514/ATHT 414 Functional Anatomy and Biomechanics 2004-2020

DPT 524 Patient Care in Physical Therapy 2006-2013

Gened 100 Transitions – Advantage (Formerly Smart Start) 2006-2012

PT 426 Physical Therapy Examination and Intervention 2006-2009

PT 625 Prosthetics and Orthotics 2006-2009

PT 513 and 613 Neuromuscular Therapeutics 2006-2007

Athletic Training Clinical Education

### **Peer Reviewed Publications:**

Zimney K, Louw A, Podolak J, Benz P, Landrus R, DeLorenzo J, Davis C, Rogers A, Cooper K, Kruse A, **Kruse B** (2019) A Randomized Controlled Trial of Different Single Pain Education Sessions in Middle School Students: Immediate Effects. *Journal of the Physiotherapy Pain Association* 2019:47, 14-24

Ganesan M, Koos T, **Kruse B,** O'Dell B (2018) Dynamic Postural Instability in Individuals with High Body Mass Index. *Journal of Novel Physiotherapies* 8(2)

Mai JA, Thiele A, O'Dell B, **Kruse B**, Vaassen M, Priest A. Utilization of an Integrated Clinical Experience in a Physical Therapist Education Program. *Journal of Physical Therapy Education*. 2013; 27 (2) 25-32.

Cassady SL, Levsen M, DeBrower A, Miller A, Esters J, **Kruse B**. Cardiorespiratory Responses to Abdominal Stabilization Exercises Using a Therapeutic Exercise Ball. *Cardiopulmonary Physical Therapy Journal* 12:83-87. 2001.

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

Poster Presentation at the American Physical Therapy Association's Combined Sections Meeting 2024. Boston, MA

Hiatt L, Mensen B, Kruse B, Kim J. Comparisons of Growth Mindset and Grit in 1st, 2nd, and 3rd Year DPT Students

Hiatt L, Mensen B, **Kruse B**, Kim J. Comparisons of Growth Mindset and Grit in 1st, 2nd, and 3rd Year DPT Students
Clarke University Celebration of Scholarchip
April 10<sup>th</sup>, 2024

**Kruse B**, Mensen B, Thoracic Outlet Syndrome: Examination and Intervention. OSF Healthcare Peoria, IL September, 23<sup>rd</sup>, 2023 6 hours

Poster Presentation at the American Physical Therapy Association's Combined Sections Meeting 2021. Orlando, FL, February 1-28, 2021 Virtual Conference Thiele A, Mai J, **Kruse B**, Monat T, Hiatt L, Gosse B. A Tale of Two Times: Clinical Performance Instrument Comparisons of Summer 2019 to Summer 2020

Abstract Submitted for Poster Presentation at the American Physical Therapy Association's Combined Sections Meeting 2021. Orlando, FL Mai J. Thiele A, **Kruse B**, Monat T, Hiatt L, Gosse B. Returning to Campus during COVID-19: Student Perceptions of a May 2020 Face-to-Face Lab Experience

Poster Presentation at the American Physical Therapy Association's PT 2019: Annual Conference. Chicago, IL (June 12-15) Fangmann L, Jansen T, Piasecki C, Ryba R, **Kruse B**, Ganesan M. Effects of Sport-Related Concussion on Balance and Gait Following a Successful Return-to-Sport Protocol.

Poster Presentation at the American Physical Therapy Association's PT 2019: Annual Conference. Chicago, IL (June 12-15) Genung R, Serres T, Anderson K, Herrig K, **Kruse** 

**B**, Ganesan M, O'Dell W. Functional Movement Screening and Sports Injury Anxiety Scores in Track/Field Athletes: A Cross-Sectional Study.

Poster Presentation at the American Congress of Rehabilitation Medicine 2018. Dallas, TX (September 29-October 3, 2018) **Kruse B**, Ganesan M, Koos T. Decreased Temporal and Spatial Functional Mobility Measures in Individuals With Higher Body Mass Index.

Poster Presentation at the American Congress of Rehabilitation Medicine 2018. Dallas, TX (September 29-October 3, 2018) Ganesan M, **Kruse B**, Koos T. O'Dell W, Mai J. Dynamic Postural Instability in Individuals with High Body Mass Index.

Poster Presentation at the Iowa Physical Therapy Association's Fall Conference 2017. Des Moines, IA (October 27-28, 2017). **Kruse B**. The Effect of Preoperative Pain Neuroscience Education on Postoperative Outcomes and Perceptions of Self-Efficacy Following Total Joint Arthroplasty

Poster Presentation at the American Physical Therapy Association's PT 2013: Annual Conference and Expositions. Salt Lake City, UT (June 26-29, 2013).

O'Dell B, <u>Kruse B</u>, Mai JA. Applied Therapeutic Exercise as a Teaching Method in a Physical Therapist Education Program. **Abstract:** *Phys Ther (online supplement)*. Available at: <a href="http://apps.apta.org/custom/abstracts/pt2013/1020.html">http://apps.apta.org/custom/abstracts/pt2013/1020.html</a>

Poster Presentation at the American Physical Therapy Association's PT 2011: Annual Conference PT 2011. National Harbor, MD. (June 8-11, 2011) Mai JA, O'Dell WD, **Kruse BM**, Thiele AH, Priest AW. Promoting Geriatric Health and Wellness in a Self-Contained Integrated Clinical Experience Within a Physical Therapist Education Program **Abstract:** *Phys Ther (online supplement)*. Available at:

http://apps.apta.org/Custom/abstracts/pt2011/144-SI.html

Poster Presentation at the Exercise and Physical Activity in Aging Conference (ExPAAC). Indianapolis, IN (July 29-31, 2010) Mai J, O'Dell B, **Kruse B**, Priest A. Integrating a geriatric health and wellness clinical experience into a physical therapy education program: A pro bono clinic.

#### **Peer Reviewed/Invited Professional Presentations**

**Kruse B**, Mensen B, Thoracic Outlet Syndrome: Examination and Intervention. OSF Rehabilitation Services

Peoria, IL September 23<sup>rd</sup>, 2023 6 hours

**Kruse B,** Sport Related Concussions: Iowa Regulations and Overview of Select Clinical Assessment Tools

Iowa Physical Therapy Foundation Issues Forum Iowa Physical Therapy Association Fall Conference October 25<sup>th</sup>, 2018 2 hr

O'Dell B, **Kruse B,** Introduction to the Evaluation and Intervention of Temporomandibular Disorders. Iowa Physical Therapy Associations Fall Conference

Des Moines, Iowa October 28<sup>th</sup>, 2017 4 hr

#### **Kruse B,** Introduction into the Theory and Practice of Dry Needling

Iowa Physical Therapy Association NE District meeting Dubuque, Iowa

May 16, 2017

1 hr

#### Kruse B, An Overview of Trigger Point Dry Needling

Iowa Physical Therapy Association Student Conclave

Des Moines, Iowa

March 10, 2017

1 hr

## O'Dell B, Kruse B, Examination and Intervention for Foot and Ankle Pathology

St. Luke's Hospital

Cedar Rapids, Iowa

February 25th, 2016

8 hr

#### Kruse B, Functional Movement Assessment, and Introduction to the FMS tool

The Monroe Clinic

Monroe, Wisconsin

Setember 25th, 2014

3 hr

#### **Kruse B,** Functional Movement Assessment for the Runner

Clarke University PT, Clarke University Track and Field and Dubuque Physical Therapy

**Running Sumposium** 

Dubuque, IA

April 13th, 2014

1 hr

### Kruse B, Jones H, Psychosocial Aspects of Pain

Clarke University Interdisciplinary Health Symposium

Dubuque, IA

February 15<sup>th</sup>, 2014

1 hr

#### Kruse B, Glenohumeral Internal Rotation Deficit in Overhead Athletes

Fibular Head Mobilization in the Treatment of Lateral Knee Pain

IPTA Fall Conference

Pearls from the Clinic

November 2<sup>nd</sup>, 2012

1 hr

#### Kruse B, Fibular Head Mobilization in the Treatment of Lateral Knee Pain

IPTA Fall Conference

Pearls from the Clinic

November 2<sup>nd</sup>, 2012 1 hr

Kruse B, Assessment and Management of Sport Related Concussion

Iowa Physical Therapy Foundation Symposium IPTA Fall Conference Sept. 29<sup>th</sup>, 2011

4 hours

O'Dell B, **Kruse B**, Priest A. Evidence Based Examination of the SI Joint Presented at the Iowa Physical Therapy Association Fall Conference Cedar Rapids, IA

October 20th, 2007

2 hrs

## **Non-Peer Reviewed Publications:**

Kruse BM. Training Muscles Before Movements. CasePerformance. com. March 16, 2011. Available at <a href="http://www.caseperformance.com/105/training-muscles-before-movements">http://www.caseperformance.com/105/training-muscles-before-movements</a>

#### **Non-Peer Reviewed Presentations:**

**Kruse B,** Mensen M, HawkGrips University Program presented to the Doctor of Physical Therapy students at Clarke University, April 13-14, 2023

**Kruse B,** Mensen M, HawkGrips University Program presented to the Doctor of Physical Therapy students at Clarke University, April 21-22, 2022

**Kruse B,** Mensen M, HawkGrips University Program presented to the Doctor of Physical Therapy students at Clarke University, April 14-15, 2021

**Kruse B,** Presentation (Facebook Live presentation due to Covid-19): ACL Injury Reduction Strategies:, (April 21, 2020). Merge Performance Institute, Dubuque, IA.

Kruse B, Examination and Treatment of Sports Related Concussions

OSF Rehabilitation Services, Rockford, IL

September 30<sup>th</sup>, 2017

6 hours

**Kruse B**, Sport Related Concussions.

NE District Iowa Physical Therapy Association Meeting April 30<sup>th</sup>, 2011 2 hours

Priest A, O'Dell B, **Kruse B**, Slover M. Impingements of the Upper Exremity,

Clarke College, Dubuque, IA

March 13<sup>th</sup>, 2010

8 hrs

Priest A, O'Dell B, Mai J, Kruse B, Kohr C. Clinical Update of Select Therapeutic Modalities,

Clarke College, Dubuque, IA March 29<sup>th</sup>, 2008 8 hrs

#### Kruse B. Glenohumeral Internal Rotation Deficit in a 16 Year Old Pitcher

NE District IPTA meeting

Dubuque, IA

February 2007

2 hrs

### O'Dell B, Kruse B, Priest A. Hip and Knee Degenerative Joint Disease

Clarke College

Dubuque, IA

November 2006

8 hrs

## **Kruse B**, Introduction to the McKenzie Method of Mechanical Diagnosis and Therapy:

Mercy Medical Center- Dyersville

May 11, July 18th and Sept. 11th 2005

6 total hours

#### O'Dell B, Priest A, Slover M, Kruse B.

Low Back Pain Symposium

Clarke College

Dubuque Iowa

January 2005

12 hours

## Kruse B. Training Considerations for Runners

Mercy Medical Center – Dubuque

June 18th, 2004

2 hr

#### Kruse B. Strength and Conditioning for the Adolescent Athlete

Presented at Clarke College Physical Therapy Month Forum

October 2001

1 hr

#### **Kruse B**. Speed Development in Athletics

Presented at Clarke College Physical Therapy Month Forum

October 2001

1 hr

## **Kruse B**, Simmons, J. Promoting Functional Stability Through Proprioception and Core Training.

Training.

Mercy Medical Center - Dyersville

November 27<sup>th</sup>, 2000

3 hours

## Kruse B. On Field Emergent Care of the Injured Athlete

Presented at the NE District IPTA meeting

Dyersville, IA October 1998 2 hours

#### **Funded/In Review Grant Activity:**

**Kruse B.** Lew Reed Spinal Cord Injury Grant Eagles Club – Dubuque \$3,000

**Kruse B.** Ganesan M. O'Dell Faculty Development Grant. Clarke University, Summer 2018 To fund a project to establish validity of Equipment in the Clarke DPT research lab – Not funded

**Kruse B.** Schultz K. R.J. McElroy Student/Faculty Research Program Grant. \$2000 to support student research and purchase lab equipment and supplies for the study "Influence of Fear of Falling on Postural Instability and Gait. Submitted April 2018. Decision expected in the summer of 2018. Not funded

**Kruse B.** Faculty Development Grant. Clarke University, Summer 2017 To fund the project "Improving Movement Analysis Skills in DPT Students": \$500

**Kruse B.** Dubuque Eagles Club "Eyes on the Future" committee, Spring 2015 \$100 to fund classroom needs.

**Kruse B.** Faculty Development Grant. Clarke University, Summer 2014 to cover International Spine and Pain Institute (ISPI) 2014 Clinical Conference: Pain \$500

**Kruse B**. Dubuque Racing Association (DRA), Fall 2013 \$5000 for improvements in the Physical Therapy Education program for the purchase of motion analysis software (Dartfish) and supporting hardware.

**Kruse B**. Faculty Development Grant. Clarke University, Summer 2009 for integration of technology in teaching Functional Anatomy and Biomechanics \$500

**Kruse B**. Faculty Development Grant. Clarke University, Summer 2007 for developing educational media to assist in student learning of specific orthopedic skills and techniques, \$500

#### **Current/Active Research Activity:**

Effects of Dynamic Warm-Up, Aerobic Warm-Up, and a Combination on Vertical Jump Performance in Female Collegiate Volleyball Players: Data collection completed spring 2022

Effects of Self Mobilization Techniques on Shoulder, Thoracic, and Hip Mobility During the Overhead Squat. Data collection completed Fall 2021

"The effect of preoperative pain science education on postoperative outcomes and perceptions of self-efficacy following total-joint replacement" Dissertation completed March, 2017.

The immediate effects of two different stretches on internal rotation range of motion loss after pitching in NAIA. Data collection completed fall 2017

## **Membership in Scientific/Professional Organizations:**

American Physical Therapy Association 1995-Present Section on Orthopedics Section on Sports Section on Education

Iowa Physical Therapy Association 1995-Present

IPTA Executive Committee 2011-2013
IPTA Board of Directors 2008- 2012
NE District Chair-2008 - 2012
Northeast District Vice-Chair 2006-2008
Communication Task Force 2007-2012
Education Committee 2006-2008
Candidate for delegate to the APTA 2006

American Council of Academic Physical Therapy 2022-present

National Strength and Conditioning Association 1997-Present

Iowa Strength and Conditioning Association 1997-Present State Director, Iowa Chapter of the National Strength and Conditioning Association. 2002-2005

National Athletic Trainers Association 1996-2023

Mid-America Athletic Trainers Association 1996-2023

Iowa Athletic Trainers Society 1996-2023

### **Consultive and Advisory Positions Held:**

External Reviewer for faculty promotion for the University of South Dakota Physical Therapy program. 2024

Research Article Reviewer:

Clinical Outcome after Anterior Cruciate Ligament Reconstruction Using Hamstring Tendon Autograft: A Prospective Study with 6 Months Follow-up. *Journal of Sports Medicine & Doping Studies*Review completed September, 2018

Legal Consultant Peddicord, Wharton, Spencer, Hook, Barron & Wegman, LLP July 2011 – September 2011

#### **Community Service:**

Parish Member and Eucharistic Minister Church of the Resurrection Dubuque, IA

#### Consultant

Merge Performance Track and Field Club 2018-present

## Fraternal Order of Eagles

Member 2013-Present

## Boy Scouts of America

Northeast Iowa Council, Troop 94 Assistant Scout Master 2015 – 2022

## Boy Scouts of America

Northeast Iowa Council, Pack 53

Den Leader 2010-2014 Cubmaster 2012-2014

#### Coach

Boys and Girls Club of Dubuque Basketball League 2010 – 2018

#### Coach

Dubuque Boys Basketball League 2006-2015

#### Volunteer

Kids Against Hunger

2010-2013

#### Guest Speaker

4<sup>th</sup> grade science

Eisenhower Elementary 2010, 2012, 2014

Prescott Elementary fall 2006-2007

#### **Service to the University:**

Physical Therapy Department

Advisor - Clarke Organization of Student Physical Therapists (COSPT) 2020-present

#### Physical Therapy Department

Graduate Program Admissions Committee 2006-present

Graduate Program Admissions Committee Chair 2022-present

#### Physical Therapy Department

PT faculty search committee chair

4 faculty searches in 2022-2023

#### Physical Therapy Department

Accreditation committee 2012-present

#### Physical Therapy Department

Human Body Bee

2006-Present

## Physical Therapy Department

Clinical Education Site and Phone Visits 2006-present

**University Committee** 

Faculty Personnel Board

2023-present

**University Committee** 

**Higher Learning Commission Committee** 

2021-2023

**University Committee** 

Academic Integrity Board

2019-present

Co-Chair 2020-2024

University Service

Faculty Athletics Representative (FAR)

2017- present

**University Committee** 

**Athletics Advisory Committee** 

2013-present

**University Committee** 

Curriculum Assessment Committee

2021-2024

University Committee

Arts and Sciences Curriculum Committee

2018-2020

New Faculty Mentor

2019, 2020, 2021

University Task Force

Athletics/Academics Communication

2018-2020

**University Committee** 

Catholic Identity Committee

2017-2019

**University Committee** 

Assistant Football Coach Search Committee (Offensive Coordinator and

Defensive Coordinator)

2018

**University Committee** 

Head Men's Volleyball Coach Search Committee

2015

University Committee

Head Lacrosse Coach Search Committee

2014

University Committee

Dean of Graduate Studies Search Committee

2014

University Committee

Vice-President for Academic Affairs Search Committee

2013

University Committee

Athletic Training Faculty Search Committee

2011, 2013

University Committee

Athletic Facilities and Planning Committee

2013-15

University Committee

Higher Learning Commission Steering Committee

2012-2013

**University Committee** 

Higher Learning Commission Criterion III sub-committee – co-chair

2012-2013

**University Committee** 

Meneve Dunham Award Committee

2010, 2014

**University Committee** 

**Assessment Committee** 

2006-2009

**University Committee** 

**Honors Committee** 

2007-2014

University Wide Program

**Transitions Faculty** 

2007 - 2012

**University Committee** 

**Graduate Council** 

2009 – 2010 (Chair 2010)

University Service

IPCW, CORE and Connect

#### **Honors and Awards:**

## Dubuque Eagles Club "Eyes on the Future" College Teacher of the Year

Awarded May 2<sup>nd</sup>, 2015

Nominated in 2017

## **Continuing Education / Professional Development:**

Professional standard for Physical Therapists licensed in Iowa is 40 hour bi-annualy

### **Education Leadership Conference – 2023**

**ACAPT ELC 2023** 

Philadelphia, PA

October 12-15

22 hours

# **Vestibular Rehab Certificate for Clinicians: Foundatiuons and Clinical Application**

Colleen Sleik, PT, DPT, NCS and Jack Cervantes PT, DPT

Vestibular PT

October 7-8, 2023

Clarke University

22 hours

#### Successful Brain Based Care Session 1 and 2

Mike Powell, DC, DACNB APTA Iowa January 18<sup>th</sup> and 25<sup>th</sup>, 2023 6 hours

## What's Vision Got to do With It?

Deann M Fitzgerald, OD APTA Iowa January 12<sup>th</sup>, 2023 3 hours

## How to Help Patients Obtain a Disability Placard

Shayla McIntyre, PT, DPT, CLT-LANA, CWT, CBIS APTA Iowa NE District Meeting January 11<sup>th</sup>, 2023
1 hour

#### **Education Leadership Conference – 2022**

ACAPT ELC 2022 Milwaukee, WI October 28-30 14 hours

#### Pain Neuroscience Education: Hope in the Battle with Chronic Pain

Karmen Woelber, PT, TPS APTA Iowa NE District Meeting September 13th, 2022 1 hour

#### **Regenerative Medicine**

Ryan Kruse, MD APTA Iowa NE District Meeting January 11th, 2022 1 hour

## **Concussion Treatment for Vestibular and Oculomotor Profiles**

Anne Mucha, DPT, MS, NCS and Susan Whitney, DPT, PhD, NCS, ATC, FAPTA Medbridge September 9<sup>th</sup>, 2022 1.5 hours

#### A Clinical Application of Easing Pain via Neuorplasticity

Adriaan Louw, PT, PhD Medbridge April 4, 2022 2.75 hours

## **Foundations of Blood Flow Restriction Training**

Ed Le Cara, DC, PhD, ATC, CSCS

MedBridge March 21, 2022 1.25 hours

#### **Proposed Mechanisms of Blood Flow Restriction Training**

Ed Le Cara, DC, PhD, ATC, CSCS MedBridge March 28, 2022 1.25 hours

## **Augmenting Bone Health Using Blood Flow Restriction Training**

Ed Le Cara, DC, PhD, ATC, CSCS MedBridge March 28, 2022 1 hour

### Correlation of Trust and Outcomes following Physical Therapy for Chronic Low Back Pain

Kory Zimney PT, DPT, PhD Iowa Physical Therapy Association NW District Meeting April 20<sup>th</sup>, 2021 1 hour

## Instrument Assisted Soft Tissue Mobilization Fundamentals (IASTM) -Level 1

Jessica Fornara HawkGrips March 26, 2021 8 hours

#### **Nutrition for the Physical Therapist**

Danielle Brachman, PT, DPT, OCS Iowa Physical Therapy Association NE District February 2<sup>nd</sup>, 2021 1 hr

### **Align Conference**

What's Next in Neurodynamics and Neuropathic Pain?, What's Next in Assessing and Treating the Cervical Spine?, What's Next in Pain Management?, What's Next in the Future of Rehabilitation?, Meditation and Mindfulness, What's Next in Exercise?, What's Next in Reasoning, Diagnostics and Direct Access?, Movement: Motion is Lotion, What's Next in the Opioid Epidemic: Risks of NSAIDS and How to Taper Long-Term, What's Next in Soft Tissue and Dry Needling? Evidence In Motion Virtual Conference August 28-30, 2020

#### **Spinal Manipulation**

Louie Puentedura, PT, PhD, CSMT Evidence in Motion/International Spine and Pain Institute Certified Spine Manual Therapist Certification Course Johnston Physical Therapy, Johnston, IA August 1-2, 2020 8 hours

### **Camp Operation Online Learning:**

Online Learning Toolkit (OLT) Judith Dutill, Melissa Wehler July 6-August 14 12 hours

### **Lower Quarter Virtual Rounds – ISPI CSMT 6171**

Sherrie Gula, PT, CSMT

Evidence in Motion/International Spine and Pain Institute Certified Spine Manual Therapist Certification Course Online Date: March 30- April 24, 2020 7 hours

#### **Upper Quarter Virtual Rounds – ISPI CSMT 6170**

Debbie Rico, PT, CSMT

Evidence in Motion/International Spine and Pain Institute Certified Spine Manual Therapist Certification Course Online Date: March 2- March 22, 2020 7 hours

#### Neurodynamics II – ISPI CSMT 6151B

Brett Nielson PT, DPT, OCS, FAAOMPT Evidence in Motion/International Spine and Pain Institute Certified Spine Manual Therapist Certification Course Online Date: March 16 – April 4, 2020 7 hours

## Neurodynamics I – ISPI CSMT 6151A

Brett Nielson PT, DPT, OCS, FAAOMPT Evidence in Motion/International Spine and Pain Institute Certified Spine Manual Therapist Certification Course Online Date: February 24 – March 14, 2020 7 hours

#### Therapeutic Neuroscience Education ISPI-TPS 6410

Adriaan Louw, PT, PhD, CSMT Evidence in Motion/International Spine and Pain Institute Certified Spine Manual Therapist Certification Course Online Date: January 13 – February 22, 2020 29 hours

#### **Spinal Manual Therapy CSMT 6170 WI**

Brian Freund, DPT, CSMT, TPS, MBA Evidence in Motion/International Spine and Pain Institute Certified Spine Manual Therapist Certification Course Online and Onsite, Des Moines University, Des Moines, IA August 1 – December 8 2019 61.5 hours

### Introduction to Manual Therapy: Clinical Reasoning and Pain Science

Adriaan Louw, PT, PhD, CSMT EIM/ISPI July 8-August 3 7 hours

#### **Exertional Heat Illness**

Susan Yeargin, PhD, ATC Medbridge Education August 7, 2019 4.5 hours

## **Emergency Management: Musculoskeletal Injuries**

Danny Smith PT, DHSc, OCS, SCS, ATC Medbridge Education June 26, 2019 1 hour

### Emergency Management: Athlete Care, Spinal, and Visceral Injuries

Danny Smith PT, DHSc, OCS, SCS, ATC Medbridge Education June 28, 2019 1.75 hours

## Emergency Management: Shock, Soft Tissue Injuries, Sickle Cell, and Sudden Cardiac Death

Danny Smith PT, DHSc, OCS, SCS, ATC Medbridge Education June 28, 2019 1.5 hours

## **Emergency Management: Environmental Considerations and Hydration**

Danny Smith PT, DHSc, OCS, SCS, ATC Medbridge Education June 28, 2019 1.5 hours

#### **Protective Equipment in Sports**

Danny Smith PT, DHSc, OCS, SCS, ATC Medbridge Education June 28, 2019 2.5 hours

#### **Advanced Credentialed Clinical Instructor Program**

Lynn Frank & Alecia Thiele Clarke University, Dubuque IA

June 24-25, 2019 17 hours

#### **Professionalism Module 1: Introduction to Professionalism**

American Physical Therapy Association Learning Center June 11, 2019 2 hours

#### Professionalism Module 2: History of Professionalism in Physical Therapy

American Physical Therapy Association Learning Center June 13, 2019 2 hours

#### **Professionalism Module 3: Ethical Compass**

American Physical Therapy Association Learning Center June 13, 2019 3 hours

#### **Clinical Gait Assessment**

Jay Dicharry, MPT, SCS Medbridge Education March 27, 2019 1.5 hours

### The Running Athlete: Part A – Biomechanics and Analysis

Matthew Walsh, PT Medbridge Education March 27, 2019 5 hours

#### **Physical Therapy Management of Concussion**

Academy of Orthopedic Physical Therapy February 18, 2019 15 hours

## Teaching Patients About Pain: An Introduction to Pain Neuroscience Education and The Business of Chronic Pain: Strategies for Success

Dr. Anne Kruse UnityPoint Health Des Moines, IA February 2, 2019 6.5 hours

#### **NE District IPTA**

#### **Approaches to THA with Emphasis on Direct Anteriors**

Dr. Trumm MD, DPT Clarke University Dubuque, IA December 4, 2018 1 hr

#### **An Evening of Graduate Student Scholarly Presentations**

Clarke University Dubuque, IA December 3, 2018 2 hrs

#### **Iowa Physical Therapy Association Fall Conference**

A Pain Science Approach to Headaches, A Pain Science Approach to Whiplash, Perioperative Neuroscience Education, The Business of Chronic Pain Anne Kruse, DPT, TPS
International Spine and Pain Institute
October 25<sup>th</sup>, 2018
13 hrs

## **Sport Related Concussions: Iowa Regulations and Overview of Select Clinical Assessment Tools**

Bradley Kruse, DPT, EdD, SCS, ATC Iowa Physical Therapy Foundation Issues Forum Iowa Physical Therapy Association Fall Conference October 25<sup>th</sup>, 2018 4 hrs (presenter)

## American Congress of Rehabilitation Medicine (ACRM) ACRM 95<sup>th</sup> Annual Conference

Dallas, Tx Sept30-Oct 3, 2018

Balance Impairments in Neurologic Disorders and Concussions, Brain Health, Chronic Pain in the VA, Complex Regional Pain Syndrome, Fit Body Fit Mind: Exercise the Key, Multidisciplinary Treatment of Chronic Pain, Implementation of the Personal Health Inventory in an OP Rehab Setting, Sports Psychology, Sports Vision Training, Teaching Kitchens

11.25 hours

#### **Selective Functional Movement Assessment (SFMA)**

Behnad Honarbakhsh Des Plaines, IL May 11-12, 2018 15 hours

#### **Selective Functional Movement Assessment (SFMA)**

Online Pre-requisite May 6<sup>th</sup>, 2018 5.75 hours

#### National Strength and Conditioning Association 2018 Iowa State Clinic

Cedar Falls, IA April 7, 2018 8 hours

## The Neurocience of Sprains, Strains, Pain and Sports Performance

Adriaan Louw PT, PhD, CSMT

Medbridge Education December 13, 2017 2.5 hrs

#### **Teaching People about Pain**

Adriaan Louw PT, PhD, CSMT Medbridge Education December 13, 2017 4.75 hrs

### Rehabilitation of the Overhead Throwing Athlete

Lenny Macrina, PT, SCS, CSCS Medbridge Education December 13, 2017 3.25 hrs

## Rotator Cuff and Labral Pathology: Presentation and Postoperative Rehabilitation

Lenny Macrina, PT, SCS, CSCS Medbridge Education December 11, 2017 3.75 hrs

## Glenohumeral Joint Biomechanics and Rehabilitation Implementation

Lenny Macrina, PT, SCS, CSCS Medbridge Education December 11, 2017 3hrs

#### **An Evening of Graduate Student Scholarly Presentations**

Clarke University Dubuque, IA December 5, 2017 2 hrs

#### **Active Rehabilitation for Concussion Management**

Iowa Physical Therapy Association Fall Conference Des Moines, IA October 27, 2017 2 hrs

#### Assessing Pain Sensitivity – What Can It Tell Us

Iowa Physical Therapy Association Fall Conference Des Moines, IA October 27, 2017 2 hrs

## Beneficial Physical Therapy Interventions for Parkinson's Disease

Iowa Physical Therapy Association Fall Conference Des Moines, IA October 27, 2017 2 hrs

#### **Functional Movement Systems: Y Balance Screen**

Online Certification Course Functional Movement Systems September 6<sup>th</sup>, 2017

#### **EDF 7903 Dissertation IV**

University of St. Augustine for Health Sciences Cindy Mathena, OTR, PhD Eric Oestmann, PT, PhD December 2016-April 2017 Credit Hours – 3

## PT Pearls: Radiology and Telerehabilitation

Robert Berg, MD and Donald Hayes, PT Iowa Physical Therapy Association Fall Conference Des Moines, IA March 11<sup>th</sup> 2017 6 hours

#### **EDF 7903 Dissertation III**

University of St. Augustine for Health Sciences Betina Malhotra, PhD Eric Oestmann, PT, PhD August-December 2016 Credit Hours – 3

## Mechanical Properties of Musculoskeletal Tissues: Implications for Intervention

Michael T. Gross, PT, PhD, FAPTA Iowa Physical Therapy Association Fall Conference Des Moines, IA October 28<sup>th</sup> and 29<sup>th</sup>, 2016 12 hours

#### **Mulligan Concept: Lower Quarter**

Rick Crowell, PT, MCTA Clarke University Dubuque, IA September 17<sup>th</sup> & 18<sup>th</sup>, 2016 13 hours

## DN-2: Dry Needling for Lumbopelvic & Lower Extremity Conditions: An Evidence-Based Approach

James Dunning, PT, DPT, MSPT, OCS, MScManip Ther, FAAOMPT, MMACP (UK) Milwaukee, WI August 12-14, 2016 27 hours

## DN-1: Dry Needling for Craniofacial, Cervicothoracic, and UE Conditions: an Evidence Based Approach.

James Dunning, PT, DPT, MSPT, OCS, MScManip Ther, FAAOMPT, MMACP (UK) Minneapolis, MN

April 8-10, 2016 27 hours

#### **EDF 7902 Dissertation II**

University of St. Augustine for Health Sciences Betina Malhotra, PhD Eric Oestmann, PT, PhD January-August 2016 Credit Hours – 3

## **Evidence-Based Examination of the Knee and Thigh**

Eric Hegedus, PT, DPT, MHSc, OCS, CSCS Medbrige Education December 7-8, 2015 6.5 hours

## **Evidence-Based Examination and Treatment of the Pelvis**

Alexis Wright, PT, PhD, DPT, FAAOMPT Medbridge Education December 7<sup>th</sup>, 2015 2.75 hours

## Spinal Manipulation I: A Physical Therapy Approach

Louie Puentedura, PT, DPT, PhD, OCS, GDMT, CSMT International Spine and Pain Institute Story City, IA December 5-6, 2015 15 hours

#### **Evidence-Based Treatment of the Foot and Ankle**

Alexis Wright, PT, PhD, DPT, FAAOMPT Medbridge Education December 3<sup>rd</sup>, 2015 4 hours

### **An Evening of Graduate Student Scholarly Presentations**

Clarke University November 30<sup>th</sup>, 2015 2 hours

## Interventions for the Foot and Ankle That Don't Stink: Evidence and Hands-on Application

Shane McClinton PT, DPT Iowa Physical Therapy Association Fall Conference Ames, IA November 7<sup>th</sup>, 2015 6 hours

## Trigger Point Dry Needling (TDN) Overview for Physical Therapists

Jennifer Jeschke, PT, DPT Iowa Physical Therapy Association Fall Conference Ames, IA November 6<sup>th</sup>, 2015

#### 6 hours

#### **EDF 7901 Dissertation I**

University of St. Augustine for Health Sciences Dan Lofald, PhD & Betina Malhotra, PhD June-December 2015 Credit Hours – 3

## A Therapeutic Treatment Approach to Cervicogenic Headaches

Adriann Louw, PT, PhD, CSMT Iowa Physical Therapy Association Spring Conference Ames, IA April 24<sup>th</sup>, 2015 6 hours

## Too Hot to Handle: Desensitizing the Hypersensitive Patient.

Adriann Louw, PT, PhD, CSMT Iowa Physical Therapy Association Spring Conference Ames, IA April 25<sup>th</sup>, 2015 6 hours

## Running

Sports Physical Therapy Sections's Home Study Course January 12<sup>th</sup>, 2015 40 hours

#### EDF 7 100 Oral and Written Comprehensive Exam

University of St. Augustine for Health Sciences Dan Lofald, PhD November 2014 Credit Hours – 3

## **Mulligan Concept: Upper Quarter**

Rick Crowell, PT, MCTA Clarke University/Finley Hospital Dubuque, IA October 4<sup>th</sup> & 5<sup>th</sup>, 2014 14 hours

#### International Spine and Pain Institute 2014 Clinical Conference: Pain

Minneapolis, MN June 20-22, 2014 13.5 hours

## **EDF 7460 Independent Study III**

University of St. Augustine for Health Sciences Dan Lofald, PhD January – May, 2014 Credit Hours - 2

#### Why Do I Hurt?

St. Ambrose University/International Spine and Pain Institute Davenport, IA May 13<sup>th</sup>, 2014 2 hours

## Clarke University PT, Clarke University Track and Field and Dubuque Physical Therapy Running Symposium

Clarke University Dubuque, IA April 13<sup>th</sup>, 2014 6 hours

10 hours total

#### Interprofessional Health Symposium: Know Pain or No Gain

Clarke University, Dubuque IA February 15, 2014 6 hours

#### **Combined Sections Meeting (CSM)**

American Physical Therapy Association February 3-6, 2014 Las Vegas, NV Taking the Run Out of Running – Cross Training for Fitness for the Runner – 2hrs Running Injuries from Youth to the Collegiate Athlete – 2 hrs Pearls for the Tough Ones: Manual and Exercise Techniques – 2 hours Foot and Ankle Content in PT Education – 2 hrs Classification of Shoulder Disorders in the ICF-Based Clinical Practice Guideline – 2 hours

#### **Graston Technique M1-Basic Training in the Graston Technique**

Mike Ploski PT, ATC, OCS Mercy Medical Center – Dubuque January 11-12, 2014 12 Hours

## Neurodynamic Examination and Intervention for Individuals with Upper Extremity Dysfunction

Brian Schlattmann PT, DPT, OCS, CSCS, CSMT IPTA Fall Conference Ames, IA October 19<sup>th</sup>, 2013 6 hours

## The Thoracic Spine: A Clinical Update

Brian Schlattmann PT, DPT, OCS, CSCS, CSMT IPTA Fall Conference Ames, IA October 18<sup>th</sup>, 2013

## Functional Outcomes for all Practices, Update on Payment and Advocacy, Licensure Updates

Randy Bolt, PT, Steve Cassabaum DPT, Eric Sacia PT, OCS, Todd Kersten PT, OCS Iowa Physical Therapy Foundation Issues Forum Ames, IA
October 17<sup>th</sup>, 2013

3.5 hours

#### **Screening for Medical Disorders**

William Boissonnault, PT, DHSc APTA Learning Center August 28<sup>th</sup>, 2013 10 hours

## How to Effectively Use and Interpret Computerized Neurocognotive testing: Case Studies from Certified Athletic Trainers

Peter Entwistle PhD, Brian Coley ATC, Tim McLane ATC Pearson Assessments Division May 29<sup>th</sup>, 2013 1 hour

## **Clarke University Graduate Student Research Presentations**

Clarke College Dubuque, IA May 08<sup>th</sup>, 2013 2 hr

#### **EDF 7180 Technology in Higher Education**

Nelson Marquez, EdD, PT January – May, 2013 Credit Hours – 3

#### Functional Movement Screening (FMS) and Corrective Exercise Level I and II

Jason Green November 9<sup>th</sup>-11<sup>th</sup>, 2012 Minneapolis, MN 20 hrs.

#### **EDF 7100 Teaching Online**

Dan Lofald, PhD October 1<sup>st</sup>-30<sup>th</sup> 2012 Credit Hours – 1

#### Mandatory Reporter of Child and Dependent Adult Abuse

Marie Duster, OTR/L Mercy Medical Center Dubuque, IA August 28<sup>th</sup>, 2012 3 hr

#### **EDF 7190 Current Issues in Health Sciences Education**

Cindy Mathena, PhD, OTR/L January 30-April 14, 2012 Credit Hours – 3

## **EDF 7170 Motivational Theory in Health Sciences Education**

Dan Lofald, PhD May 30-August 14<sup>th</sup>, 2012 Credit Hours - 3

### **Musculoskeletal Imaging for Physical Therapists**

Robert Berg, MD Accelerated Rehab – IPTA District Meeting Clear Lake, IA May 15<sup>th</sup> 2012 1 hr

#### **Clarke University Graduate Student Research Presentations**

Clarke College Dubuque, IA May 09<sup>th</sup>, 2012 2 hr

### **Assessment and Management of Sport Related Concussions**

Brad Kruse, DPT, OCS, SCS, ATC, CSCS (presenter) Iowa Physical Therapy Foundation Symposium IPTA Fall Conference – Ames, IA September 29<sup>th</sup>, 2011 8 hours

#### **Sport Related Concussions**

Brad Kruse, DPT, OCS, SCS, ATC, CSCS (presenter) Waverly Health Center – IPTA District Meeting Waverly, IA March 6<sup>th</sup>, 2012 4 hrs

#### **Combined Sections Meeting (CSM)**

American Physical Therapy Association
February 8-11, 2012
Chicago, IL
TJM for the Cervical Spine – 2hrs
Manual Therapy: How Does it Work – 2 hrs
How to Do Research in a Small Teaching College – 2 hours
Sport-Specific rehabilitation Considerations for the Athletic Shoulder – 2 hrs
Managing LBP in a Direct Access Setting – 2 hours
Maximizing Patient Motivation – 2 hours
Running Mechanics Analysis: From the Lab to the Clinic – 2 hours
18 hours total

**Self-Study Workshop** American Physical Therapy Association Chicago, IL February 7-8<sup>th</sup>, 2012 13 hrs