

Programs & Courses

Postural Restoration Institute\*

## Welcome

2024 launches us into an exciting new time here at PRI! We have been working for several months designing a new website that will enhance the users experience, whether they are a patient searching for more information on how a PRI provider might be able to help them address asymmetrical patterns of posture contributing to pain or dysfunction, or a provider who is looking to learn more about the science of Postural Restoration® and the courses and resources that we have to offer.

The science of Postural Restoration® embraces the bi-hemispheric design of the human body, relating to "two" hemispheres and their function, which are different on each side. The body has multiple septums, or divisions that separate these two hemispheres. Like the human body, we have designed our new website to showcase some "bi-hemispheric" characteristics. As seen on the cover of this brochure, one is greeted with two sides, shaded in purple and green which are separated by a division that is the PRI logo, representative of the AIC and BC polyarticular chains of muscle. The diaphragm, another staple of this Institute, is represented by the display of the leaflets, which dome higher on the right side and remain flatter on the left side. This is just one example of the bi-hemispheric functionality of the human body.

Upon the launch of our new website, one will discover "bi" or "two" sides to the website design, that function differently. A patient side and a provider side. While some of the materials and functions on each side overlap, many are different. Much like the bi-hemispheric characteristics of our human body.



Jennifer Platt DPT, ATC, PRC Executive Director Director of Education & Credentialing



Bobbie Rappl PTA, PRC Director of Clinical Development & Public Relations



**RJ Hruska**Public Relations &
Outreach Coordinator



**Ron Hruska MPA, PT** Founder



Janie Ebmeier PTA Director of Business Development



Hannah Hankins Education Coordinator

## **Faculty**



**Craig Depperschmidt** PT, DPT, PRC



**Lisa Mangino** PT, DPT, C/NDT, SBS-C2, PRC



**Robert "Skip" George** DC, CSCS, CCSP, PRC



**Jason Miller** PT, MS, CSCS, PRC



**Dan Houglum** MSPT, ATC/L, PRC



**Jennifer Poulin** PT, PRC



Ron Hruska MPA, PT



**Kasey Ratliff** PT, DPT, PRC



**Louise Kelley** DPT, PRC



**Jennifer Smart** DPT, PRC



**Lori Thomsen** MPT, PRC

### 2024 Programs & Courses

IN-PERSO	N				
Feb 10-11	Atlanta, GA	May 18-19	Abilene, TX	Sep 20-21	Seattle, WA
Feb 17-18	Chandler, AZ	Jun 7-8	Lincoln, NE	Sep 21-22	West Boylston, MA
Mar 2-3	New York, NY	Jun 8-9	Munich, Germany	Sep 28-29	Jupiter, FL
Mar 2-3	Albuquerque, NM	Jun 15-16	Munich, Germany	Sep 28-29	Virginia Beach, VA
Mar 9-10	Atlanta, GA	Jun 22-23	Boston, MA	Oct 4-5	Lincoln, NE
Mar 9-10	Decorah, IA	Jul 13-14	San Antonio, TX	Oct 5-6	Brunswick, ME
Mar 16-17	Valencia, CA	Aug 3-4	Baltimore, MD	Oct 12-13	Missoula, MT
Mar 16-17	Annapolis, MD	Aug 3-4	Goldsboro, NC	Oct 19-20	Cary, NC
Apr 6-7	St. Paul, MN	Aug 10-11	Evanston, IL	Nov 2-3	Scottsdale, AZ
Apr 6-7	Malvern, PA	Aug 17-18	Sammamish, WA	Nov 2-3	Evanston, IL
Apr 13-14	Quincy, IL	Sep 7-8	New York, NY	Nov 9-10	New York, NY
Apr 13-14	Sacramento, CA	Sep 7-8	Valencia, CA	Nov 9-10	Oakland, CA
Apr 25-26	Lincoln, NE	Sep 7-8	Warner Robins, GA	Dec 9-10	Lincoln, NE

#### **LIVE STREAM & IN-PERSON**

\*All live stream courses will be held at the Postural Restoration Institute in Lincoln, NE, and will have limited capacity for in-person attendance. Please visit our website for more information.

Jan 5-6	Impingement & Instability
Jan 19-20	Human Evolution
Feb 2-3	Primary Non-Manual Techniques Workshop
Feb 9-10	Postural Respiration
Feb 23-24	Cervical Revolution
Mar 1-2	Occlusal Cervical Restoration
Mar 8-9	Myokinematic Restoration
Mar 22-23	Cranial Resolution
Apr 19-20	Pelvis Restoration
May 17-18	Forward Locomotor Movement
Aug 16-17	Voice Box Resonation
Aug 23-24	Impingement & Instability
Sep 13-14	Cervical Revolution
Sep 20-21	Human Evolution
Oct 11-12	Myokinematic Restoration
Oct 25-26	Postural Respiration
Nov 1-2	Forward Locomotor Movement
Nov 15-16	Pelvis Restoration
Dec 5-8	Advanced Integration

"Live stream really opens up opportunities to take more courses from PRI. I really love and appreciate all the hard work that goes into such a wonderful experience."

<sup>■</sup> Primary Courses
■ Secondary Courses
■ Tertiary Courses (pages 8-13)

<sup>(</sup>pages 14-19)

<sup>(</sup>pages 20-24)

Credentialing Programs (page 6)

Annual Summit (page 25)

### **Course Information**

#### **Audience and Accreditation**

Certificates of Completion are awarded to attendees upon the successful completion of each course. Before attending a course, please verify CEU acceptance with your profession's regulating body. Attendees are responsible for following their state statutes regulating their professional practice as they integrate PRI concepts.

#### Physical Therapists and PT Assistants

In the states where PRI is sponsoring courses and where approval through state American Physical Therapy Association (APTA) or licensing agencies is required, PRI will apply for approval for CEUs for Physical Therapists and Physical Therapist Assistants. Please refer to our website to see if your state is approved for the course of interest.

#### **Occupational Therapists and OT Assistants**

PRI is no longer recognized as an Approved Provider through the American Occupational Therapy Association (AOTA). Many states do not require any sort of pre-approval process. And of the ones that do, most state licensure boards allow self-submission of CE programs. Please check with your state licensure board to determine if you will be able to submit PRI courses for CE hours.

#### Chiropractors

In the states where PRI is sponsoring courses and where approval through state licensing agencies is required, PRI will look into applying for CEUs for Chiropractors (upon request). Please refer to our website to see if your state is approved for the course of interest.

#### **Strength and Conditioning Coaches**

Select PRI courses are approved by the Collegiate Strength and Conditioning Coaches Association (CSCCa). Please refer to our website for course approval details.

#### **Athletic Trainers and Athletic Therapists**

PRI is recognized by the Board of Certification, Inc. (BOC) to offer continuing education for Certified Athletic Trainers (#P2376). Please refer to our website for course approval details. Select PRI courses are approved by the Canadian Athletic Therapists Association (CATA) awarding CEUs for Certified Athletic Therapists. Please refer to our website for course approval details.

#### **Massage Therapists**

PRI is approved by the National Certification Board for Therapeutic Massage & Bodywork (NCBTMB) as a continuing education Approved Provider. Provider # 451877-12. Approval applies to select live courses only. Please refer to our website for course approval details. \*Approval not valid for New York licensed massage therapists.

#### Other Healthcare and Fitness Professionals

PRI welcomes any licensed healthcare or fitness professional to attend courses.



#### **What to Expect**

As a participant of a Postural Restoration Institute® course, you will be introduced to an innovative and unique approach that will revolutionize your knowledge, practice and training principles. The science may be new to you, but its foundation began with the creation of the human body! Faculty to student ratios are kept low to stimulate an interactive, cohesive learning environment. Lecture with visuals will be used throughout the course and lab will be included in select courses. You will receive a course manual over 150 pages in length which complements the speakers presentation along with ready to use non-manual techniques. Please come prepared to advance your knowledge in postural adaptations, asymmetrical patterns, and the influence of polyarticular chains of muscles on the human body!

#### **Course Registration & Confirmation**

Registration can be completed on our website. The early tuition rate is valid up until 4 weeks before the scheduled course. Confirmation letters will be emailed at least 4 weeks prior to the course date or once a minimum of 15 people have registered to attend. While it doesn't happen often, if we are not able to reach the minimum of 15 registered attendees, a course may be cancelled. In this case, registrants will be notified at least 4 weeks in advance.

#### **Cancellation Policy**

Tuition is refundable less \$50 if cancelled 14 days before the course date. Tuition is not refundable within 14 days of the course. However, you may have someone attend in your place or attend on another date. If you choose to attend on another date, a \$50 fee applies to transfer your registration. PRI reserves the right to cancel a course and will refund the tuition fee only.

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## Credentialing Programs

The Postural Restoration Institute® has established credentialing programs as a way to recognize and identify individuals with advanced training, extraordinary interest and devotion to the science of postural adaptations, asymmetrical patterns and the influence of polyarticular chains of muscles on the human body as defined by the Postural Restoration Institute®.

#### **Benefits**

- Tuition Discounts
- Quarterly Updates
- Professional Networking
- Mentorship & Speaking Opportunities
- Inclusion on the PRI Website
   Find a Provider Map



Visit **posturalrestoration.com** for more information, including course requirements and printable applications.



The Postural Restoration Certified™ (PRC) credentialing program was established in 2004, and is available to Physical Therapists, Physical Therapist Assistants, Occupational Therapists, and Chiropractors who have attended the required PRI courses, demonstrated a thorough understanding of the science through completion of the PRC Application and successfully participated in both clinical and analytical testing.

#### **Application Deadline**

September 15, 2024

#### **Testing**

December 9-10, 2024



The Postural Restoration Trained™ (PRT) credentialing program was established in 2011, and is available to Athletic Trainers (with Certification through the BOC), Athletic Therapists (with Certification through the CATA), Strength and Conditioning Coaches (with CSCS Certification through the NSCA or SCCC Certification through the CSCCa), Certified Special Population Specialist (with CSPS Certification through the NSCA, and completion of a Bachelor's degree or higher degree), and Exercise Physiologists (with Certification through the ACSM) who have attended the required PRI courses, demonstrated a thorough understanding of the science through completion of the PRT Application and successfully participated in both clinical and analytical testing.

#### **Application Deadline**

March 15, 2024 (Summer Testing) October 15, 2024 (Winter Testing)

#### **Testing**

June 7-8, 2024 (Summer Testing) January 12-13, 2025 (Winter Testing)

## **PRI Mini Residency Program**

The Postural Restoration Institute® offers a PRI Mini Residency Program, a formal program of post-professional education and mentorship for PRI-minded healthcare and movement professionals that is designed to enhance one's understanding and application of PRI concepts, objective testing, and patient/client management. The foundational science from the Postural Restoration Institute's three primary courses will be strongly emphasized by all PRI Mini Residency Centers, however each PRI Mini Residency Center offers a unique environment and experience, and many residency centers will also include exposure to interdisciplinary integration with other healthcare or movement professionals.

This 6-week PRI Mini Residency Program is designed for healthcare or movement professionals who are self-directed learners,

have completed the required PRI coursework, and would like to enhance their clinical reasoning, interpersonal communication and dialogue using PRI terminology with other professionals as well as patients or clients, and application skills of the science of Postural Restoration® through one-on-one clinical education and mentorship with a PRC or PRT professional at a PRI Mini Residency Center.

Flexibility with the 6-week schedule is often available and can be discussed with the PRI Mini Residency Center.

Visit **posturalrestoration.com** for more information, including the current list of PRI Mini Residency Centers, prerequisites, and printable applications.

## **NEW FOR 2024**

#### Visual Vestibular Refinement

Like most areas of the body, the visual system is "bi-hemispheric". The two eyes function differently, therefore influencing binocularity of the visual system, as well as unilateral upright vestibular orientation. When one examines the visual system, one must not neglect the vestibular system. Movement specialists are responsible for vestibular orientation of the visual system, while optometrists are responsible for one's vision, or acuity. This new two-day course, taught by Ron Hruska, will provide guidelines on integrating with an optometrist to achieve visual vestibular refinement. thus reducing patterned visual disorientation.

Learn more about this new course on page 24.

# 1st Annual PRI Interdisciplinary Studies Summit

We hope you will consider joining us on April 25-26, 2024! The word 'interdisciplinary' reflects activity that analyzes, synthesizes, and harmonizes links between disciplines into a coordinated and coherent whole. Or, simply put, it means "relating to more than one branch of knowledge." This Annual Summit will not be centered around one topic or theme, but rather will offer two days of presentations on multiple areas of study, for attendees interested in PRI who want to explore how multiple areas of study intersect with one another.

Learn more about the 2024 speakers and presentations on page 25.

# Myokinematic RESTORATION

An Integrated Approach to the Treatment of Patterned Lumbo-Pelvic-Femoral Pathomechanics

#### **Course Description**

This advanced lecture and lab course explores the biomechanics of contralateral and ipsilateral myokinematic lumbo-pelvic-femoral dysfunction. Treatment emphasizes the restoration of pelvic-femoral alignment and recruitment of specific rotational muscles to reduce synergistic predictable patterns of pathomechanic asymmetry. Emphasis will be placed on restoration, recruitment, and retraining activities using internal and external rotators of the femur, pelvis, and lower trunk. Guidance will be provided on how to inhibit overactive musculature. This will enable the course participant to restore normal resting muscle position. Participants will be able to immediately apply PRI clinical assessment and management skills when treating diagnoses such as piriformis syndrome, ilio-sacral joint dysfunction, and low back strain.

#### **Course Objectives**

- Outline biomechanical principles of lower half musculoskeletal dysfunction as they relate to rotational patterns of the femur, pelvis, and lumbar spine, as well as occupational influence
- Describe how musculoskeletal dysfunction relates to articular chain asymmetry and patterns of synergistic compensatory activity.
- Recognize how to apply examination and assessment skills to neuromuscular dyssynchrony and postural asymmetries that affect stability and function of the lower half.
- Identify how to restore synchronous activity across the lumbo-pelvic-femoral complex and improve neuromuscular motor control of the muscles that stabilize these joints.
- Outline how to design an interventional plan that includes various activities of daily living positions to decrease asymmetrical musculoskeletal demands.

#### **Registration & Fees**



Bundle and Save! Purchase the corresponding Non-Manual Techniques Collection for \$200 when registering for this course (\$50 Savings).



Live Stream

Early \$580

Late \$630

#### **Course Schedule**

Feb 10-11	Atlanta, GA
Mar 2-3	Albuquerque, NM
Mar 8-9	Lincoln, NE
Mar 8-9	Live Stream (())
Apr 6-7	St. Paul, MN
Apr 13-14	Quincy, IL
Jul 13-14	San Antonio, TX
Aug 3-4	Goldsboro, NC
Aug 17-18	Sammamish, WA
Sep 7-8	Valencia, CA
Oct 5-6	Brunswick, ME
Oct 11-12	Lincoln, NE
Oct 11-12	Live Stream (())
Nov 2-3	Scottsdale, AZ

Enjoy the convenience of taking this course from home as a live stream or online home study! For more information, visit posturalrestoration.com.

#### **Course Agenda**

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DAY ONE		
7:30-8	Registration and Light Breakfast	
8-9	Left Anterior Interior Chain (AIC) Pattern and Pelvic Joint Dynamics	
9-10	Lumbo-Pelvic-Femoral Capsuloligamentous Issues	
10-10:15	Break	
10:15-12	Femoral Internal and External Rotators	
12-1	Lunch (on your own)	
1-2	Myokinematic Influences on the Pelvis and Femur	
2-3	Examination Tests and Assessment  • Adduction Drop Test  • Extension Drop Test  • Straight Leg Raise  • Femoral-Acetabular (FA) Rotation  • Trunk Rotation	
3-3:15	Break	
3:15-4:15	Examination Tests and Assessment (Demonstration/Lab)	
4:15-5	Repositioning Through Integrated Isolation (Demonstration/Lab)	

#### 

12-1 Lunch (on your own)

1-3 Treatment Considerations Using the Hruska Adduction Lift Test (Demonstration/Lab)

3-3:15 Break



DAY TWO

## Postural Respiration

An Integrated Approach to the Treatment of Patterned Thoraco-Abdominal Pathomechanics

#### **Course Description**

This advanced lecture and lab course is structured so that clinicians will gain an appreciation for the patterned respiration influences on: rib torsion, asymmetrical oblique strength, costal and crural function, habitual use of accessory respiratory musculature, and a positionally restricted diaphragm. The focus of this course will be to assess and restore polyarticular muscular chain function of both hemi-lateral thoraxes and their respective pleura. Treatment interventions including manual and non-manual techniques to restore reciprocal and alternating respiratory and rotational function of the thorax will be covered. Participants will be able to immediately apply PRI clinical assessment and intervention strategies when treating diagnoses that are related to undesirable airflow patterns, such as shortness of breath. thoracic outlet syndrome, and shoulder dysfunction.

#### **Course Objectives**

- Recognize relationships between static asymmetrical respiration, ideal physiologic respiration, and patterned respiration.
- Identify how to restore restrictive polyarticular chains and torsional patterns of the trunk through specific manual and non-manual orientation of ventilatory muscle and thoracic osseous structure.
- Recognize how to maximize thoracic scapular force couples, rib alignment, and abdominal-diaphragm muscle integration for appropriate motor and sensory perceptual skill development of the upper extremities.
- Outline how to design a postural isolation and inhibition program that promotes integration of appropriate hemi-thoracic airflow to reduce occupational, leisure, and sleep breathing dysfunction patterns.

#### **Registration & Fees**





Online Home Study Course \$500

Bundle and Save!

· Purchase the corresponding Non-Manual Techniques Collection for \$200 when registering for this course (\$50 Savings).



· Purchase the corresponding Manual Techniques Collection for \$100 when registering for this course (\$25 Savings).



#### **Course Schedule**

Feb 9-10	Lincoln, NE
Feb 9-10	Live Stream (())
Mar 9-10	Decorah, IA
Mar 16-17	Annapolis, MD
Apr 13-14	Sacramento, CA
May 18-19	Abilene, TX
Jun 8-9	Munich, Germany
Sep 7-8	Warner Robins, GA
Sep 21-22	West Boylston, MA
Oct 12-13	Missoula, MT
Oct 19-20	Cary, NC
Oct 25-26	Lincoln, NE
Oct 25-26	Live Stream (())

Enjoy the convenience of taking this course from home as a live stream or online home study! For more information, visit posturalrestoration.com.

#### **Course Agenda**

	- <b>3</b>
DAY ONE	
7:30-8	Registration and Light Breakfast
8-9	Overview of Anterior Interior Chain (AIC), Brachial Chain (BC) and Zone of Apposition (ZOA) Relationships
9-10	Static Structural Asymmetry and Dynamic Respiratory Influences on Hemi-Diaphragm and Hemi-Thorax Function
10-10:15	Break
10:15-11	Patterned Respiration and Associated Airflow
11-12	Anterior Interior Chain: Muscle and Structure
12-1	Lunch (on your own)
1-2	Left AIC Objective Testing (Demonstration)
2-3	Left AIC Non-Manual and Manual Techniques (Demonstration)
3-3:15	Break
3:15-4	Left AIC Objective Testing & Manual Techniques (Lab)
4-4:30	Brachial Chain: Muscle and Structure
4:30-5	Overview of Thoracic Mediastinum Function
DAY TWO	
7:45-8	Sign-In and Light Breakfast

	DAY TWO	
	7:45-8	Sign-In and Light Breakfast
	8-9:30	Right BC Objective Testing (Demonstration/Lab)
	9:30-10	Postural Respiration Functional Relationships
	10-10:15	Break
	10:15-11	Right BC PRI Treatment Guidelines
	11-11:30	Superior T4 Airflow
	11:30-12	Right Superior T4 and Right Subclavius Manual Techniques (Demonstration)
	12-1	Lunch (on your own)
	1-2	Right Superior T4 and Right Subclavius Manual Techniques (Lab)
	2-3	Laft Low Tran/Laft Sarratus Antarior



## **Pelvis** RESTORATION

An Integrated Approach to the Treatment of Patterned Pubo-Sacral Pathomechanics

#### **Course Description**

This advanced lecture and lab course is designed to assist clinicians with those complex patients that are struggling to restore reciprocal function of their pelvis. The clinician will gain an appreciation for the influences of an asymmetrical pelvis and how this imbalance contributes to pelvis dysfunction. We will explore in detail the function of the pelvic inlet and outlet as it relates to anatomy, respiration, and asymmetry in a multiple polyarticular chain system. Participants will be able to restore pelvic and respiratory neutrality through a PRI treatment approach while keeping individual activities of daily living in mind.



#### **Course Objectives**

- Identify musculature of the pelvic inlet and outlet.
- Explain how the respiratory diaphragm integrates with pelvic diaphragm function and rehabilitation.
- Recognize pelvic asymmetry and understand the relationship of pelvic asymmetry and pelvis function required for rest, upright work, and pleasure related activity.
- Identify the recommended treatment algorithm for each PRI pattern pertaining to the pelvis.
- Outline how to design a postural isolation and inhibition program that includes the integration of appropriate pubo-sacral dynamics to restore normal reciprocal pelvic inlet and outlet function.

#### **Registration & Fees**



In-Person Early \$550 Late \$600



**Live Stream** Early \$580 Late \$630

Online Home Study Course \$500

Bundle and Save! Purchase the corresponding Non-Manual Techniques Collection for \$200 when registering for this course (\$50 Savings).



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#### Course Schedule

Feb 17-18 Chandler, AZ New York, NY Mar 2-3 Apr 19-20 Lincoln, NE Apr 19-20 Live Stream (()) Sep 20-21 Seattle, WA Sep 28-29 Jupiter, FL Nov 2-3 Evanston, IL Nov 15-16 Lincoln, NE Nov 15-16 Live Stream (())

Enjoy the convenience of taking this course from home as a live stream or online home study! For more information, visit posturalrestoration.com.

#### **Course Agenda**

50u:5	Agenda
DAY ONE	
7:30-8	Registration and Light Breakfast
8-8:30	Introduction to Pelvis Neutrality
8:30-10	Left Anterior Interior Chain (AIC) Influence on the Pelvis
10-10:15	Break
10:15-11:15	PEC Influence on the Pelvis
11:15-12	Pathologic PEC Influence on the Pelvis
12-1	Lunch (on your own)
1-3	Examination Tests and Assessment (Demonstration/Lab) • Standing Reach Test • Adduction Drop Test • Pelvic Ascension Drop Test
3-3:15	Break
3:15-4:30	Examination Tests and Assessment (Demonstration/Lab) • Passive Abduction Raise Test • Functional Squat Test • Hruska Abduction Lift Test

#### DAY TWO

4:30-5

7:45-8

8-9:30

	9:30-10	Respiratory Influences on the Pelvis (Demonstration/Lab)
	10-10:15	Break
	10:15-12	Treatment of Pelvis Dysfunction as it Relates to the Left AIC Pattern
	12-1	Lunch (on your own)
	1-2	Treatment of Pelvis Dysfunction as it Relates to the Left AIC Pattern (Case Study)
	2-3	Treatment of Pelvis Dysfunction as it Relates to the PEC Pattern (Case Study)
	3-3:15	Break
	3:15-4:30	Treatment of Pelvis Dysfunction as it Relates to the Pathologic PEC Pattern
	4:30-5	Other Treatment Considerations

Functional Relationships

Sign-In and Light Breakfast

Respiratory Influences on the Pelvis



## Impingement f Instability

A Unique Approach to the Treatment of Common Impingement and Instability Through PRI Reference Center Integration

#### **Course Description**

This advanced course has been designed to enhance the understanding of the contributing underlying impingement (compression) and instability (malalignment) considerations associated with typical impingement or instability syndromes. Participants will be able to relate and integrate calcaneal (ground) impingement with femoral instability, pelvis impingement and scapula instability or thoracic malalignment. Impingement and instability integration, for ground control and overhead activity, will be introduced using PRI reference centers and frontal plane oscillation. Scapula function will be presented to reduce femoral/ tibia instability, and associated thoracic, calcaneal/talus, and pelvis impingement.

- Prior attendance of Myokinematic Restoration, Pelvis Restoration and Postural Respiration is required.
- Please visit posturalrestoration.com for more information, including course objectives.

#### **Course Schedule**

Jan 5-6 Lincoln, NE
Jan 5-6 Live Stream ((♠))
Mar 16-17 Valencia, CA
Jun 22-23 Boston, MA
Aug 23-24 Lincoln, NE
Aug 23-24 Live Stream ((♠))
Nov 9-10 New York, NY

#### **Registration & Fees**



Live Stream
((>)) Early \$605
Late \$655

#### **Course Agenda**

**DAY ONE** 

7:30-8	Registration and Light Breakfast
8-10	An Overview of Human Impingement and Instability as Related to Concepts of PRI
10-10:15	Break
10:15-12	PRI Reference Centers; Frontal Plane Perspectives on Compression
12-1	Lunch (on your own)
1-2	Interferences and Influences on Gait and Ground
2-3	Calcaneal Impingement Right Calcaneal Eversion Upright Left Calcaneal-Vestibular Integration
3-3:15	Break
3:15-5	Left AIC and Bilateral PEC Foot Impingement and Patterned Issues
DAY TWO	
7:45-8	Sign-In and Light Breakfast
8-10	Femoral Instability Forward Locomotor Movement Overview of Left AIC Pattern Influences on Transverse Plane Function of the Knee
10-10:15	Break
10:15-11	Pelvis Impingement
11-12	Left Pelvis Inlet Adduction Ground Stability; Right Pelvis Outlet Adduction Ground Stability
12-1	Lunch (on your own)
1-2	Hip Impingement  • ASAF  • AMFA  • LSFA
2-3	Scapula Instability
3-3:15	Break
3:15-4:15	Right Scapula Function as Related to Ground-Sense ('Ground-Push'); Scapula Thoracic Stabilization Related to Impingement & Instability

Scapular Compressive Locomotor Movement

Non-Manual Techniques

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4:15-5

## **Cervical**REVOLUTION

An Integrated Approach to the Treatment of Patterned Cervical Pathomechanics

#### **Course Description**

This advanced lecture and lab course places emphasis on the role the cervical spine plays in the management of cranial function and position. Intercervical, atlanto, occipital, and cranial assessment will help the clinician appreciate occiput, sphenoid and temporal orientation and thus how to proceed in determining what PRI manual or non-manual techniques should be considered. Airway alignment, diaphragmatic demand and arthokinematic correlations will be discussed, as they relate to the left sidebending and right torsion physiologic cranial positions. Specific repatterning techniques will be offered for these two cranial positions of the Right Temporal Mandibular Cervical Chain (TMCC) pattern. Information will be provided on when and how to engage with a dentist regarding oral appliance intervention and fabrication. Participants will be able to immediately apply non-manual techniques to enhance normal functional cervical lordosis, active rotation and freedom for vestibular frontal plane integration.

- Prior attendance of Postural Respiration is required.
- Please visit posturalrestoration.com for more information, including course objectives.

#### Course Schedule

Feb 23-24 Lincoln. NE Feb 23-24 Live Stream (()) Mar 9-10 Atlanta, GA Jun 15-16 Munich, Germany Aug 3-4 Baltimore, MD Sep 13-14 Lincoln. NE Live Stream (()) Sep 13-14 Nov 9-10 Oakland, CA

#### **Registration & Fees**



Registration and Light Breakfast

Overview of the Cervical-Cranial Complex and

Live Stream
(►)) Early \$605
Late \$655

#### Course Agenda

DAY ONE

7:30-8

8-9:30

	Related Evolutionary Concepts
9:30-10	Neurovascular Implications of Cervical Restriction
10-10:15	Break
10:15-10:45	Normal Cervical Tri-Planar Passive Motion
10:45-11:15	Normal Intracervical Spinal Coupling Considerations
11:15-12	Occipital Atlanto (Cranio-Cervical) Joint Function
12-1	Lunch (on your own)
1-3	Cervical Examination Overview and Reasoning (Demonstration/Lab)
3-3:15	Break
3:15-5	Occipital Influences on Temporal Position and the Temporal Mandibular Cervical Chain (TMCC)
DAY TWO	
7:45-8	Sign-In and Light Breakfast
8-10	Cranial Left Sidebending (SB) Physiologic Position
8-10 10-10:15	Cranial Left Sidebending (SB) Physiologic Position Break
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10-10:15	Break Left SB Non-Manual Technique • Standing Cervical-Cranial Repositioning
10-10:15 10:15-11	Break Left SB Non-Manual Technique • Standing Cervical-Cranial Repositioning (Demonstration/Lab) Overview of Supportive Left SB Non-Manual
10-10:15 10:15-11 11-12	Break Left SB Non-Manual Technique • Standing Cervical-Cranial Repositioning (Demonstration/Lab) Overview of Supportive Left SB Non-Manual Techniques
10-10:15 10:15-11 11-12 12-1	Break Left SB Non-Manual Technique • Standing Cervical-Cranial Repositioning (Demonstration/Lab) Overview of Supportive Left SB Non-Manual Techniques Lunch (on your own)
10-10:15 10:15-11 11-12 12-1 1-2	Break Left SB Non-Manual Technique • Standing Cervical-Cranial Repositioning (Demonstration/Lab) Overview of Supportive Left SB Non-Manual Techniques Lunch (on your own) Cranial Right Torsion Physiologic Position Right Torsion Non-Manual Technique • Standing Alternating Reciprocal Cranial
10-10:15 10:15-11 11-12 12-1 1-2 2-3	Break Left SB Non-Manual Technique • Standing Cervical-Cranial Repositioning (Demonstration/Lab) Overview of Supportive Left SB Non-Manual Techniques Lunch (on your own) Cranial Right Torsion Physiologic Position Right Torsion Non-Manual Technique • Standing Alternating Reciprocal Cranial Expansion (Demonstration/Lab)
10-10:15 10:15-11 11-12 12-1 1-2 2-3 3-3:15	Break Left SB Non-Manual Technique • Standing Cervical-Cranial Repositioning (Demonstration/Lab) Overview of Supportive Left SB Non-Manual Techniques Lunch (on your own) Cranial Right Torsion Physiologic Position Right Torsion Non-Manual Technique • Standing Alternating Reciprocal Cranial Expansion (Demonstration/Lab) Break Occlusion as Related to Cervical Neutrality,

Overview of Supportive Right Torsion Non-

Manual Techniques

888.691.4583

4:30-5

## Advanced Integration

A Comprehensive Overview of PRI Science Integrated in an Advanced Manner

#### **Course Description**

This four-day advanced lecture and demonstration course is structured so that clinicians will gain an appreciation for the relationship between pathomechanic and behavioral patterns. It is highly advanced and interactive, and reflects PRI concepts covered in Myokinematic Restoration, Pelvis Restoration and Postural Respiration courses in a system-integrative fashion. Both non-pathologic compensatory and pathologic compensatory issues as they relate to the Left AIC and Right BC pattern will be explored in great detail. Anatomy, examination tests, algorithms, and manual and non-manual respiratory-based techniques will be presented with focus on total body integration of muscle, rather than on individual muscular regions of the body. Participants will be able to immediately apply concepts of synchronous breathing, tri-planar integration, and thoracic scapular integration in the treatment and management of typical compensatory and non-compensatory musculoskeletal patterns, and pathologic and non-pathologic curvature of the spine, including intervention with daily occupational demands and challenges. This course enables the participant to advance integration of PRI concepts and principles by taking into consideration all patterned muscles outlined in the PRI Primary Courses.

- Prior attendance of Myokinematic Restoration, Pelvis Restoration and Postural Respiration is required.
- A certificate for 30 contact hours will be awarded to attendees upon completion of the course.

#### **Course Objectives**

- Recognize the sequential relationship between restored left AF IR and right apical expansion.
- Describe how to apply manual techniques, integrating specific reasoning and influences on PRI testing outcomes.
- Examine the role of the respiratory system and cycle on frontal and transverse planes of activity.
- Outline PRI tri-planar anatomical muscle function and anatomy families.
- Identify the influences of thoracic kinetic energy and movement patterns on kinematics of the forward locomotor movement cycle.
- Explain how human development is impacted by human asymmetry and etiopathogenesis of three dimensional spinal and torso torsional deformity.
- Identify how to integrate and facilitate PRI
  position and pattern concepts in the treatment
  of idiopathic curvatures of the spine, keeping
  activity demands, performance patterns, and
  environmental issues in mind.
- Outline how to design an integrative plan, that utilizes PRI concepts to maximize thoracic, abdomen, and pelvis symmetry and alternation with extremity reciprocal activity in daily living.

#### **Course Schedule**

Dec 5-8 Lincoln, NE Dec 5-8 Live Stream (())

#### **Registration & Fees**



In-Person Early \$970 Late \$1,020



**Live Stream** Early \$1,000 Late \$1,050

#### **Speakers**



Ron Hruska MPA, PT



Robert "Skip" George DC, CSCS, CCSP, PRC



**Lori Thomsen** MPT, PRC



Jean Massé PT, DPT, PRC, OCS, ATC



**Kasey Ratliff** PT. DPT. PRC



**Dan Houglum** MSPT, ATC/L, PRC



Lisa Mangino PT, DPT, C/NDT, SBS-C2, PRC

#### **Course Agenda**

7.30-8

#### DAY ONE: SYNCHRONOUS BREATHING - SAGITTAL **REPOSITIONING OF ZOA** Registration and Light Breakfast

7.50 0	Registration and Light Dreaklast
8-10	Introduction; Overview of PRI Basic Dynamic (Movement) Concepts
10-10:15	Break
10:15-12	Overview of Respiratory Position and Septal Symmetry
12-1	Lunch (on your own)
1-3	Breathing – Acquiring a ZOA and Posterior Mediastinum Inhibition; Top Integration Concepts
3-3:15	Break
3:15-4:30	Cranial Sagittal Respiration as Related to Temporal, Sphenoid and Occipital Rotation
4:30-5	Overview of PRI Polyarticular Chain

#### Relationships and Pathology DAY TWO: TRI-PLANAR ACTIVITY - FRONTAL AND TRANSVERSE INTEGRATION

7:45-8	Sign-In and Light Breakfast
8-9	Tri-Planar PRI Concepts
9-10	Pelvic and Thoracic Diaphragm
10-10:15	Break
10:15-12	Left AIC and Bilateral PEC Pelvis Restoration Clinical Integration
12-1	Lunch (on your own)
1-3	Frontal Plane Assessment; Overview of Adduction and Abduction Concepts
3-3:15	Break
3:15-4:15	Integrating PRI 'Families' of Muscle
4:15-5	Piriformis Syndrome and Ilio-Sacral Joint Dysfunction as Related to Transverse Reciprocal Activity

#### **DAY THREE: THORACIC INTEGRATION - FLEXION**

7:45-8	Sign-In and Light Breakfast
8-10	Thoracic Scapula Forward Locomotor Movement Kinematics
10-10:15	Break
10:15-12	Overview of Posterior Mediastinum Function
12-1	Lunch (on your own)
1-2	Superior T4 Syndrome
2-3	BC and Thoracic Scapular Non-Manual Techniques
3-3:15	Break
3:15-4	Upright Integrative Techniques
4-5	Technique Considerations for Bicipital Tendonitis & Shoulder Impingement

#### DAY FOUR: CURVATURE OF THE SPINE

7:45-8	Sign-In and Light Breakfast
8-9	Pattern vs. Position
9-10	Development of Curvature of the Spine
10-10:15	Break
10:15-11:15	Adolescent Idiopathic Scoliosis Treatment
11:15-12	Introduction to Scoliosis for PRI Practitioners
12-1	Lunch (on your own)
1-3	Scoliosis Screening, Curve Classifications, Evaluation and Treatment Focus
3-3:15	Break
3:15-4:30	Scoliosis Management
4:30-5	Alternating Reciprocal Thoracic Rotation

## **Human** EVOLUTION

An Integrated Approach to Optimizing Functional Development and Upright Growth

#### **Course Description**

This advanced lecture and demonstration course is designed to assist physical therapists, occupational therapists, speech and language pathologists and members of the pediatric interdisciplinary team, in obtaining optimal outcomes for humans that are developing and growing dysfunctional patterns of movement-based, cognitive, communicative, proprioceptive and kinesthetic behavior. A comprehensive overview of assessment and treatment of conventional growth and developmental sensory motor sequences and associated sensory integration principles will help the attendee understand the importance of considering how to integrate ten Postural Restoration® developmental sensory motor sequences, when and wherever possible, with the seven identified Postural Restoration® developmental processes. Overview of how to apply the developmental processes to age-appropriate sensory motor sequencing will be strengthened through table formats and case presentations. Pediatric specific PRI non-manual techniques for sensory integration processing of the right AIC and left BC will help optimize compliance and interest in humans of all ages that are experiencing developmental and upright growth, present and past, neuro-integrative challenges.

- Prior attendance of Postural Respiration is required.
- Please visit posturalrestoration.com for more information, including course objectives.

#### **Course Schedule**

Jan 19-20 Lincoln, NE
Jan 19-20 Live Stream ((○))
Apr 6-7 Malvern, PA
Sep 20-21 Lincoln, NE
Sep 20-21 Live Stream ((○))

#### **Registration & Fees**





#### Course Agenda

DAY ONE	
7:30-8	Registration and Light Breakfast
8-8:30	Introduction and Overview of the Course
8:30-10	Traditional Definitions and Theories of Movement Development
10-10:15	Break
10:15-12	Postural Restoration® Developmental Sensory Motor Sequences (PRDSMS's)
12-1	Lunch (on your own)
1-3	Postural Restoration® Principles as Related to Sensory Motor Growth and Development
3-3:15	Break
3:15-5	Postural Restoration® Developmental Processes (PRDP's)

DAY TWO	
7:45-8	Registration and Light Breakfast
8-8:30	Table Overview of Developmental Processes Application for Age- Appropriate Sensory Motor Sequence
8:30-9	Table Overview of PRDP's Application for Age-Appropriate PRDSMS's Based on PRI Principles of Evolution
9-10	Case Example of a Child with Right Hemiplegic Spastic CP
10-10:15	Break
10:15-11	Case Example of a Child with Left Hemiplegic CP
11-12	Case Example of a Toddler with Gross Motor Delay
12-1	Lunch (on your own)
1-2	Case Example of a Teenager S/P Knee Surgery
2-3	Case Examples of Adolescents with Scoliosis
3-3:15	Break
3:15-3:45	Case Example of an Adult in Need of Multi-Sensory Integration
3:45-5	Pediatric Specific PRI Non-Manual Techniques for Sensory Integration Processing of the Right AIC and Left BC

### Primary Non-Manual Techniques



#### **Course Description**

This workshop is designed to offer the attendee, who has taken the PRI primary courses. the opportunity to further understand the intricacies of the PRI non-manual techniques. Each primary course has specific non-manual technique programs designed to isolate, inhibit and integrate muscle when repositioning and repatterning. Guidance will be offered for appropriate integrative cueing, technique instruction and modification, reference center identification, and progression/regression based on neuromuscular demand of the techniques. This workshop will allow the attendee to engage in intensive discussion and application of several non-manual techniques, including a limited number of participant-selected techniques.

 Prior attendance of Myokinematic Restoration, Pelvis Restoration and Postural Respiration is required.

#### **Course Objectives**

- Outline the organizational layout of the PRI Non-Manual Techniques based on neuromuscular demands and challenges.
- Identify additional cueing, referencing and modification strategies when instructing PRI Non-Manual Techniques, to maximize inhibition, isolation and integration.
- Select appropriate techniques for progression and regression based on patient/client performance and limitations.
- Describe the importance of sensing reference centers when instructing integration techniques.
- Recognize position-appropriate techniques, and when to change position based on functional outcome.

#### Course Schedule

Feb 2-3 Feb 2-3 Lincoln, NE Live Stream (())

#### **Registration & Fees**



In-Person Early \$575 Late \$625



Live Stream
Early \$605
Late \$655

#### Course Agenda

DAY ONE	
7:30-8	Registration and Light Breakfast
8-9	Overview of the PRI Non-Manual Technique Program's Organizational Layout
9-10	'Position' Decision Making
10-10:15	Break
10:15-12	Reference Center Integration
12-1	Lunch (on your own)
1-3	Myokinematic Restoration Techniques
3-3:15	Break
3:15-5	Pelvis Restoration Techniques
DAY TWO	
7:45-8	Sign-In and Light Breakfast

DAY TWO	
7:45-8	Sign-In and Light Breakfast
8-10	Postural Respiration Techniques
10-10:15	Break
10:15-12	Integration Techniques
12-1	Lunch (on your own)
1-3	Integration Techniques
3-3:15	Break
3:15-5	Integration Techniques



An Integrated Approach to the Treatment of Autonomic and Central Nervous System Dysfunctional Oscillation

#### **Course Description**

This advanced course focuses on how our cranial structures, the cerebral, mid brain and cerebellar regions, that are responsible for underlying ANS tension and CNS tone, can be self-regulated through oscillatory integration of rhythmic function and alternating cycles of sense. Discussion and demonstration on how postural adaptation to compensatory patterning can be resolved through lateralization of neural rhythms. Anatomical relationships between autonomic and central nervous system interplay will be clinically outlined and supportive research on how to resolve cranial-generated physiological conflict and cortical sensory-motor function will strengthen the understanding principles behind thoracic cranial technique recommendations. This course outlines how pressure regulation by the palatopharyngeus muscle, the pterygopalatine fossa and the palatine aponeurosis requires temporal and occlusal oscillation; in order to prevent over lateralized use of these areas and thus dysafferentation and over-convergence of occlusion, hearing, sight, and sound production.

- Prior attendance of Cervical Revolution is required.
- Please visit posturalrestoration.com for more information, including course objectives.

#### **Course Schedule**

Mar 22-23 Lincoln, NE Mar 22-23 Live Stream ((▷))

Aug 10-11 Evanston, IL

Registration and Light Breakfast

Overview of Postural Issues Related to the Brain's Lateralization, Hemispheric

Specialization and the Autonomic and Central

Sep 28-29 Virginia Beach, VA

#### **Registration & Fees**





#### **Course Agenda**

DAY ONE

7:30-8

8-10

	Nervous System's Influence on Physiologic and Breathing Patterns
10-10:15	Break
10:15-12	Cranial Adaptive Behavior Related to Lateralized References, Postural CNS Afferentation and Compensation
12-1	Lunch (on your own)
1-3	Human Patterned Compensation
3-3:15	Break
3:15-5	Behavior Related to Centered Pressure Perception, ANS Dysafferentation and Convergence from Auditory, Visual, Speech, and Dental Processing
DAY TWO	
7:45-8	Sign-In and Light Breakfast
8-10	Cranial Centric Relation and Coincidence with Bronchi Diameter (Autonomics)
10-10:15	Break
10:15-12	Resolving Cranial-Generated Physiological Conflict with Postural Imbalanced CNS Sense Through Sacral Cranial Re-Sensing of Position
12-1	Lunch (on your own)
1-2	Resolving Postural-Related Dysfunctional Autonomic Behavior and Physiology Through Thoracic Cranial Function
2-3	Discussion Related to Long Seated PRI Techniques to Reduce Cranial Thoracic Foundational Regulation
3-3:15	Break
3:15-4	Cranial Oscillatory Alternation Considerations
4-5	Cranial Clockwise and Counterclockwise

Considerations

# Occlusal Cervical RESTORATION

An Interdisciplinary Approach to the Treatment of Patterned Occlusal Pathomechanics

#### **Course Description**

This advanced course is designed to assist the dentist, or the healthcare professional, who is interested in occlusal pathomechanic behavior that is related to common, upright human unaligned cervical patterns. Specific cervical assessment tests, equilibration recommendations, and PRI evidence-based, proven upright frontal plane activity, incorporating podal integration, will be offered for the general dentist and clinical movement specialist. Optimizing desirable, bilateral re-occlusal sense for centric upright airway position, in the dental office, through the use of specifically designed appliances, will enable the dentist to recalibrate occlusal interference associated with a centric neck, or for alignment of the neck and the accompanying airway. Upright alternating shifting of body mass and mandibular lateral translation, through specific posterior lateral occlusal sensory awareness, will remind the course attendee that oscillatory alternating lateral excursion of the mandible, is the most important oral and orthopedic postural activity generated by the sphenoid.

- Prior attendance of Cervical Revolution is required.
- Please visit posturalrestoration.com for more information, including course objectives.

#### **Course Schedule**

Mar 1-2 Lincoln, NE Mar 1-2 Live Stream ((●))

Sep 7-8 New York, NY

Registration and Light Breakfast

#### **Registration & Fees**



DAY ONE

7:30-8

In-Person Early \$600 Late \$650

Live Stream
(( ) Early \$630
Late \$680

#### **Course Agenda**

7.30-0	Registration and Light breaklast
8-10	Opening Remarks Regarding Body and Oral Mechanics
10-10:15	Break
10:15-12	Odontogenesis and Mechanoreceptor Homeostasis
12-1	Lunch (on your own)
1-3	Patterned Occlusal Pathomechanics and Their Possible Underlying Biomechanical Contribution • Crossbites • Open Bites • Crowded Teeth • Intorsion
3-3:15	Break
3:15-5	Prevalent Human Pattern Body, Neck, Head and Oral Adaptation for Poor Bilateral Integration
DAY TWO	
7:45-8	Sign-In and Light Breakfast
8-10	Temporal and TMJ Influences on Occlusal Interferences and Orientation
10-10:15	Break
10:15-12	Mandible, Occiput, Neck, and Hyoid Influence on Sphenoid and Maxilla Occlusal Authority
12-1	Lunch (on your own)
1-2	Oscillatory Alternation and Mandibular Lateral Excursion Concepts
2-3	PRI Occlusal Tests; PRI Recommended Mandibular Appliances
3-3:15	Break
3:15-4	Registration and Equilibration Recommendations
4-5	Optimizing Orthotic Outcomes Using PRI Upright Concepts, Considerations, and Counter-Clockwise and Clockwise Activities

# **VOICE BOX**RESONATION

An Integrated Approach in the Management of Hypopharyngeal Dysfunction

#### **Course Description**

Vocal fold vibration, or oscillation, is the source for our sound, identity, pressure gradient (pulmonary, acoustic, and thoraco-abdominal) and communication (vocal expression). This course will outline vocalization and associated extrinsic postural voice muscle function considerations, when using PRI methodology, to enhance alignment and arrangement of muscle and soft tissue of the hypopharyngeal regions. Recognizing malalignment patterns of paired aligned muscles of the mouth and neck will assist in developing programs for vocal resonance that reflects cervical neutrality and a relaxed hypopharynx. An overview on muscles that position the vocal folds in the midline, on how asymmetry of the neck and shoulders or restrictive respiratory dysfunction can disrupt normal vocal fold function, and on how vocal fold tension can influence upper quadrant tension and pressure, will be provided. The purpose of this course is to enhance unobstructed passage of sound through the various shapes formed by the oropharynx for vowel sounds and to enhance the air pressure built up behind over obstructions created by structures of the mouth to create consonant sounds that reinforce both balanced, acceptable associated posture of the stomatognathic and respiratory systems. Limited discussion, regarding velopharyngeal dysfunction (VPD) or nasality, and hypokinetic dysarthria (HD) will be included. Management of laryngeal/vocal cord dysfunction (VCD) will include 'blowing', 'sucking', speech resonance and glottal control recommendations incorporating PRI philosophy and techniques. Case presentations will be discussed and outlined treatment reasoning will be provided, along with laryngeal based techniques that incorporate PRI applications.

- Prior attendance of Cervical Revolution is required.
- Please visit posturalrestoration.com for more information, including course objectives.

#### **Course Schedule**

Aug 16-17 Aug 16-17 Lincoln, NE Live Stream (())

#### **Registration & Fees**



In-Person Early \$600 Late \$650



#### Course Agenda

DAY ONE	
7:30-8	Registration and Light Breakfast
8-9	Introduction to Pulmonary Phonation
9-10	Overview of the Vocal Tract as a Resonator
10-10:15	Break
10:15-12	Hypopharynx Structures and Position • Intrinsic Muscles • Extrinsic Muscles
12-1	Lunch (on your own)
1-1:30	Pelvis Relationships to the Laryngopharynx
1:30-2	Development of the Vocal Tract and Upper Respiratory Tract
2-3	Resonance, Resonance Disorders and Resonance Dysfunction
3-3:15	Break
3:15-4	The Larynx, Laryngeal Dysfunction and Vertical Laryngeal Position
4-5	Subglottal Pressure Regulation and Alveolar Articulation
DAY TWO	
7.45.0	0: 1 11:1:0 16 :

DAY TWO	
7:45-8	Sign-In and Light Breakfast
8-8:30	Glottal Control Pressure Influence on Postural Patterns
8:30-9:30	Cervical – Laryngeal Functional Relationships • Hypopharyngeal Imbalance • Vocal Cord Dysfunction • Spasmodic Dysphonia
9:30-10	Mandibular Freedom and Vibrato Expression
10-10:15	Break
10:15-12	Soft Palate Tightness and Cervical Torsion on Hypernasal Speech, Velopharyngeal Dysfunction/ Insufficiency, Patulous Eustachian Tube
12-1	Lunch (on your own)
1-2	Neuro-Therapeutic Considerations on Acoustic Aerodynamics, Phonation and Intonation; Neuronal Entrainment of Motor Speech Areas
2-3	Hemi-Kinesphere Consonance PRI Techniques
3-3:15	Break
3:15-4:30	Case Presentations
4:30-5	Concluding Remarks on Vocal Expression and Space

# Forward Locomotor Movement

An Introspective Approach to the Treatment of Functional Cortical Predominance

#### **Course Description**

This course offers the attendee an opportunity to re-examine 'gait', 'ambulate', 'walking', 'bipedalism', and 'locomotion' by addressing the cortical coordination of the human limbs that are responsible for individual forward locomotor movement patterns. Neurological and physiological dominance is designed around introspective habituation and compensation, that reflects physical predominant hemispheric loading and cortical hemi-spatial flow. A comprehensive. and up to date, review of literature and research on cortical dominance and associated pre-existing dominance factors that define interlimb and intralimb interaction during forward movement of the body, is offered. Arm and leg control, and overall associated motor function of human swing, support and propulsion will be addressed through asymmetrical gravitational balance effort and antigravitational eccentric considerations. Both, arm and leg control, and function in human locomotion, will be dissected and described, as a novel introduction. to integrated upper and lower extremity movement, hemi-spatial awareness and hemi-chest activity will be outlined, for all phases of forward locomotor movement. Clinical recommendations for individual. introspection of forward locomotor movement will be provided throughout the course. Eccentric control of functional cortical predominant patterned limitations on locomotor movement, along with multisystem guidelines for reweighting balance through limb use, will be provided through the use of PRI non-manual technique application.

- Prior attendance of Myokinematic Restoration, Pelvis Restoration, Postural Respiration and Impingement & Instability is required.
- Please visit posturalrestoration.com for more information, including course objectives.

#### **Course Schedule**

May 17-18 May 17-18 Nov 1-2

Nov 1-2

Lincoln, NE Live Stream ((▷)) Lincoln, NE

Live Stream (())

Registration and Light Breakfast

#### **Registration & Fees**



DAY ONE

7:30-8

8-8:30

In-Person Early \$600 Late \$650

Introduction



#### Course Agenda

0 0.50	Introduction
8:30-9	Ten Requirements Necessary for Balanced Forward Locomotor Movement
9-10	Predominant Influences on Human Locomotor Movement
10-10:15	Break
10:15-11	Four Recurring Requirements for Balanced Forward Locomotor Movement That Are Possibly Limited by Functional Cortical Dominant Interlimb and Intralimb Patterning
11-12	Locomotor Movement Flow Requirements
12-1	Lunch (on your own)
1-3	The Visual Phases of Gait
3-3:15	Break
3:15-5	Functional Cortical Dominance
DAY TWO	
7:45-8	Sign-In and Light Breakfast
8-9	Vertical and Horizontal Pendulum Motion, Inertia and Equilibrium Position as it Relates to Forward Locomotor Movement
9-10	Hruska Hemispheric Components,
	Stages, and Elements of Forward Locomotor Movement
10-10:15	Stages, and Elements of Forward
10-10:15 10:15-12	Stages, and Elements of Forward Locomotor Movement
	Stages, and Elements of Forward Locomotor Movement Break Chest Wall Kinematic Influence on
10:15-12	Stages, and Elements of Forward Locomotor Movement  Break  Chest Wall Kinematic Influence on Forward Locomotor Movement
10:15-12 12-1	Stages, and Elements of Forward Locomotor Movement  Break Chest Wall Kinematic Influence on Forward Locomotor Movement Lunch (on your own) Arm Control and Function in Human
10:15-12 12-1 1-3	Stages, and Elements of Forward Locomotor Movement  Break  Chest Wall Kinematic Influence on Forward Locomotor Movement  Lunch (on your own)  Arm Control and Function in Human Locomotion
10:15-12 12-1 1-3 3-3:15	Stages, and Elements of Forward Locomotor Movement  Break Chest Wall Kinematic Influence on Forward Locomotor Movement Lunch (on your own) Arm Control and Function in Human Locomotion Break

## Visual Vestibular

REFINEMENT

An Interdisciplinary Approach in the Intervention of Patterned Visual Disorientation

#### **Course Description**

This course will outline the role the human eyes play in centering the head and body, in standing. based on the guidance, or misguidance, of somatic information provided to the brain. The attendee will be provided information on the most common visual postural related implications related to visual heterophorias, strabismus, seated versus standing astigmatism axis inconsistencies and higher degrees of amblyopia. Understanding both physical and somatic symptomology related to this visual vestibular automaticity, will help the practitioner refine and modify both optometric treatment and upright postural guidance. Guidelines on how to work with an optometrist and recommendations to improve standing postural orientation and to de-stress binocular rivalry, of both the Lasik and non-Lasik patient, will be offered for these binocular conditions listed above. Considerations for the patient who demonstrates persistent unilateral biased functional dominance in stages of forward locomotor movement and visual vertical testing, will be also be discussed

- Prior attendance of Cervical Revolution is required.
- Please visit posturalrestoration.com for more information, including the course agenda which is coming soon!

#### **Course Schedule**

Oct 4-5

Lincoln, NE

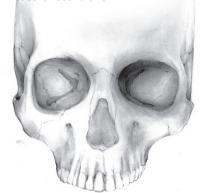
#### **Registration & Fees**





#### **Course Objectives**

- Outline the most common visual dysfunctions influencing upright postural deviation, neurologic vertical adaptation of perceived orientation and horizontal ankle compensation.
- Describe the orientation of patterned skeletomotor and oculomotor function on somatic symptomology.
- Outline how to resolve or reduce dynamic disorientation through upright recognition of unilateral static visual spatial flow and stable vestibular freedom, with optometric quidance.
- Provide guidelines on integrating optometric assistance or optometric training programs, through standing subjective refraction, into a forward locomotor movement program, with the most beneficial eye prescription with the least refractive error.



## PRI Interdisciplinary Studies Summit

A time to connect, learn, and socialize with one another.

#### **Description**

The word 'interdisciplinary' reflects activity that analyzes, synthesizes, and harmonizes links between disciplines into a coordinated and coherent whole. Or, simply put, it means "relating to more than one branch of knowledge." This annual Summit is not centered around one topic or theme, but rather will offer two days of presentations on multiple areas of study, for attendees interested in PRI who want to explore how multiple areas of study intersect with one another. Opportunities for social interaction have been few and far between over the past few years, and to say that we have missed seeing you in Lincoln is an understatement.

#### **Agenda**

DAY ONE	
7:30-8	Registration and Light Breakfast
8-8:15	Opening Remarks by Ron Hruska
8:15-9:15	Management of Heritable Connective Tissue Disorders and Their Comorbidities (Amy Morris, MSPT, PRC)
9:15-10:15	Application of PRI Principles for the Hypermobile Patient (Molly Miller, PT, DPT, PRC)
10:15-10:35	Q&A Session for Management of Heritable Connective Tissue Disorders/Hypermobility
10:35-10:50	Break
10:50-12:15	Biotensegrity and the Physics of Integration in the Body with Q&A (Colby Mamigonian, CSCS, PRT)
12:15-1:15	Lunch (on your own)
1:15-2:15	Highlights of Clinical Integration Between Postural Restoration® and Integrative Breathing Therapy Treatment Approaches (Donna Behr, DPT, MS, PRC)
2:15-3:30	Supplemental Manual Therapy Techniques to Assist in Restoring System Neutrality (Michael Mullin, ATC, PTA, PRC)
3:30-3:50	Q&A Session on Respiratory and Manual Therapy Techniques
3:50-4:05	Break
4:05-5:20	Application of a PRI Framework to Phases of Pitching and Sprinting with Q&A (Miguel Aragoncillo, CSCS, PRT)

#### **Schedule**

Apr 25-26

Lincoln, NE

#### **Registration & Fees**





We look forward to bringing together the PRI community again for this annual in-person event, where PRI interest can be intersected at this PRI Interdisciplinary Studies Summit. A time to connect, learn, and socialize with one another.

\*Please note that this annual Summit is in-person only and will not be available via live stream. Social events will be scheduled on each evening.

- Please visit posturalrestoration.com for more information, including speaker bios, presentation descriptions, and objectives.
- Interested in presenting at next year's Summit?
   Visit our website for more information.
   Abstracts are due by July 15th.

#### **DAY TWO**

7:45-8	Sign-In and Light Breakfast
8:00-9:15	Seeing the Mind in the Body and the Body in the Mind: A Different Kind of "Reciprocal and Alternating" Action (Michael Zhao, CSCS)
9:15-10:30	Psychosis or Neurosis: Two PRI Case Studies (Robert "Skip" George, DC, CSCS, CCSP, PRC)
10:30-10:45	Break
10:45-11:45	Virtual Coaching Intervention for Drug- Resistant Bipolar Disorder: A Case Study on the Efficacy of Postural Restoration® Techniques, Structured Classes, and Hill Sprints (Kasia Galica, CSCS, NASM CPT, RYT)
11:45-12:15	Q&A Session on Psychology and Psychophysiology
12:15-1:15	Lunch (on your own)
1:15-2:30	The Intersection of Postural Restoration® and Nutrition: Bridging the Connection Between Chronic Infection, Toxicity and Neuro-Postural Imbalance (Heather Carr, DPT, NTP, PRC, OCS, MTC)
2:30-3:30	The Impact the Gut Microbiome Can Have on Physical and Mental Health (Taylor Boryca, PTA, PRC)
3:30-3:50	Q&A Session on Nutrition and the Gut
3:50-4:05	Break
4:05-5:20	Unlocking Performance Potential-Applying PRI Techniques for Wheelchair and Amputee Athletes with Q&A ( <i>Tim Dempsey, CSCS, PRT</i> )

#### **Course Resources**





#### Non-Manual Technique Collections

There are now two resources for you to maximize PRI Non-Manual Technique application in your desired setting!

#### Non-Manual Technique PDF Collections

Easily download and print (or email) PDF handouts of the PRI Non-Manual Techniques for your patients, athletes or clients! PRI primary courses have a corresponding Non-Manual Techniques CD (or Digital Download) Collection that is organized by muscle, inhibition and integration and placed in an order in which you would want to isolate, inhibit or integrate.

#### Non-Manual Technique Video Collections

You can now have access to a video program for each of the three primary courses Top 10 Repositioning Techniques, in addition to our newest program featuring the Top PRI Alternating and Reciprocal Techniques. Within each PRI Non-Manual Technique Video Program, you will find three videos for each technique. The first video is the full combined video of the technique step by step instruction, in addition to a 'prescience' discussion of the technique by Ron Hruska. The second video is the 'prescience' discussion only, and the third video only includes the technique step by step instruction.



#### **Manual Techniques Collection**

PRI Manual Techniques are available on video!

Nearly two hours of video including demonstration, instruction and explanation of each manual technique is provided by Ron Hruska. This information compliments PRI course instruction and desired PRI clinical application, progression and outcomes. Written instruction for each manual

technique is also provided in a printable format.





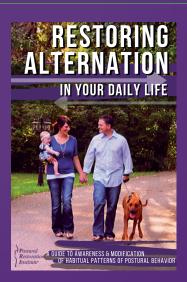
#### PRI Video for You (PRIVY)

Discover our video subscription platform featuring episodes of Ron and other PRI faculty, speakers, staff, or credentialed providers discussing topics related to PRI course material, case study management, manual and non-manual techniques, and interdisciplinary integration.

A new episode is added weekly exploring a variety of topics, and generally ranging in length from 20-50 minutes. As a subscriber, you will receive access to videos from the time you sign up, in addition to videos posted up to 30 days prior for a fee of \$37/ month or \$360/year (savings of \$84).

Now in its sixth year of existence, we have a growing collection of over 300 episodes! Additional episodes from the months preceding your subscription start date can be purchased. Visit privideoforyou.com for more information, including free trial videos!

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## "Restoring Alternation" A Guide to Awareness & Modification of Habitual Patterns of Postural Behavior

This guide has been put together to help bring awareness to the activities that we perform regularly in our daily lives. This 16-page guide outlines several daily activities which are commonly performed in dominant or patterned positions, and demonstrate alternate ways and instruction to perform them. Copies of this guide can be purchased through the Institute, to provide and discuss with your patients and clients, the importance of decreasing the over-dominance of one side of the body, and using both your left and right sides with alternation and balance. Customization, including your business logo and contact information is available on the back cover of the guide.

Visit posturalrestoration.com/products for more information or to order online!

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