

# Christopher F. Geiser MS, PT, LAT, ATC

## EDUCATION

2014 to present: Doctoral student  
Marquette University  
Clinical and Translational Rehabilitation Health Sciences

2007 Masters of Science in Kinesiology  
University of WI-Milwaukee, Milwaukee, WI  
Primary emphasis: Biomechanics  
Secondary emphasis: Motor Control

1990 Bachelor of Science in Physical Therapy  
Marquette University, Milwaukee, WI

## LICENSURE / CERTIFICATION

Licensed Physical Therapist, State of Wisconsin (Lic # 3926-024)  
Licensed Athletic Trainer, State of Wisconsin (Lic # 490-039)  
Certified Athletic Trainer, NATA (Cert # 049302457)

## PROFESSIONAL EMPLOYMENT HISTORY:

Feb 2003 to present: Athletic Training Education Program Director  
Clinical Assistant Professor  
Program in Exercise Science  
Department of Physical Therapy  
Marquette University  
Milwaukee, WI

Jan 2003 to present: Pool staff Froedtert Sports Medicine Center, Milwaukee, WI

Sept 1992 to Jan 2003: Staff Physical Therapist / Athletic Trainer - Froedtert and Medical College  
Sports Medicine Center, Milwaukee, WI

June 1992 to Sept 1992: Director of Rehabilitation, Racine Sports Medicine Center, Racine, WI

Mar 1991 to June 1992: Staff Physical Therapist, Racine Sports Medicine Center, Racine, WI

June 1990 to Mar 1991: Staff Physical Therapist, St Catherine's Hospital, Kenosha, WI

## TEACHING RESPONSIBILITIES:

### Marquette University

Current:

ATTR 3160 "Therapeutic Exercise in Athletic Training (2 credit)  
ATTR 2150 "Therapeutic Modalities in Athletic Training (2 credit)  
ATTR 3984 "Clinical Proficiencies in Athletic Training 4" (1 credit)  
ATTR 3985 "Clinical Proficiencies in Athletic Training 5" (1 credit)  
ATTR 2201, 2202, 3203, 3204, 4205 "Athletic Training Seminar" (0 credit)  
EXPH 3170 "Administration in Exercise Science" (3 credit)

Previous:

ATTR 2931 "Pharmacology in Athletic Training" (1 credit)  
ATTR 3170 "General Medicine in Athletic Training" (3 credit)  
PHTH 7932 "Advanced Topics in Physical Therapy – Sports PT" (2 credit)  
ATTR 160 "Therapeutic Exercise in Athletic Training" (2 credit)  
ATTR 170 "General Medicine in Athletic Training" (3 credit)  
ATTR 120 "Clinical Proficiencies in Athletic Training 3" (1 credit)  
ATTR 121 "Clinical Proficiencies in Athletic Training 4" (1 credit)  
ATTR 188 "Clinical Proficiencies in Athletic Training 5" (1 credit)  
PHTH 598 "Sports Physical Therapy" (2 credit)  
EXSC 050 "Surface Anatomy and Palpation" Lab Assistant

## **PUBLICATIONS**

- Kipp, K., Giordanelli, M., Malloy, P.M., Jandrin, T., Kiely, M., Geiser, C.F., "The reactive strength index modified is a valid measure of explosiveness in collegiate female volleyball players." *Journal of Strength and Conditioning Research*, In Press. JSCR-08-publication. 6258R2
- Malloy, P.M., Geiser, C.F., Meinerz, C.M., Kipp, K., "Hip external rotator strength is associated with better dynamic control of the lower extremity during landing tasks." *Journal of Strength and Conditioning Research*, In Press. DOI: 10.1519/JSC.0000000000001069
- Meinerz, C.M., Malloy, P.M., Kipp, K., Geiser, C.F. "Anticipatory effects on lower extremity neuromechanics during a cutting task." *J Ath Tr*, In Press. DOI: 10.4085/1062-6050-50.8.02
- Malloy, P.M., Morgan, A., Meinerz, C.M., Geiser, C.F., Kipp, K., "The Association of Dorsiflexion Flexibility on Knee Kinematics and Kinetics during a Drop Vertical Jump in Healthy Female Athletes." *Knee Surg Sports Traumatol Arthrosc*, In Press. DOI 10.1007/s00167-014-3222-z
- Geiser, C.F., Invited Book Review: JOSPT April, 2014 issue on book titled "Clinical Mechanics and Kinesiology."
- Geiser, C.F., O'Connor, K.M., Earl, J.E. "Hip Abductor Fatigue Alters Frontal Plane Knee Mechanics During Unilateral Landing Tasks." *Med Sci Spor Ex*, 42(3); 535-45, April, 2010. DOI: 10.1249/MSS.0b013e3181b7b227
- Geiser, CF Invited Book Review: JOSPT November, 2008 issue on book titled "Perspectives in Athletic Training".
- Ebben, WP, Leigh, DH, Geiser, CF, "The Effect of Remote Voluntary Contractions on Knee Extensor Torque." *Medicine & Science in Sports & Exercise*." 40(10):1805-09, October, 2008. DOI: 10.1249/MSS.0b013e31817dc4ad
- Geiser, CF Invited Book Review: JOSPT May, 2007 issue on book titled "Posterolateral Knee Injuries: Anatomy, Evaluation, and Treatment."
- Geiser, CF Invited Book Review: JOSPT March, 2005 issue on book titled "Essentials of Primary Care Sportsmedicine."
- Young, C., Raasch, W., Geiser, C. "Ulnar Stress Fracture of the Nondominant Arm in a Tennis Player Using a Two – Handed Backhand." *Clin J Sport Med*, 5(4):262-4, October, 1995.

## **FIRST AUTHOR PRESENTED RESEARCH**

- Geiser, CF, Kiely, M., Giordanelli, M., Jandrin, T., Malloy, PJ, Kipp K. "Musculotendinous Stiffness is Lower in Division 1 Women's Basketball Athletes with Generalized Joint Hypermobility" American Society of Biomechanics Annual Meeting, Poster Presentation, August, 2016, Raleigh, NC
- Geiser, CF, Meinerz, CM, Malloy, PJ, Kiely, M., Kipp K. "Jump Performance Variables are not Different in Female DI Lacrosse Athletes with Generalized Joint Hypermobility" American Society of Biomechanics Annual Meeting, Poster Presentation, August, 2015, Columbus, OH
- Geiser, CF, Meinerz, CM, Malloy, PJ, Kipp K. "Generalized Joint Hypermobility Alters Frontal Plane Knee Loading During a Drop Jump Task in Division 1 Female Athletes." ACL Retreat, Platform Presentation, March 2015, Greensboro, NC
- Geiser, CF, Malloy, P.M., Meinerz, C.M., Kipp, K. "Generalized Joint Hypermobility Alters Frontal Plane Knee Joint Loading in Female Collegiate Division 1 Lacrosse Athletes." International Sports Biomechanics Symposium, Platform Presentation, July 2014 Johnson City, TN
- Geiser, CF, Malloy, P.M., Meinerz, C.M., Kipp, K. "Generalized Joint Hypermobility Alters Muscle Activation Patterns in Division 1 Female Athletes." National Athletic Trainers' Association Annual Meeting and Symposium, Poster Presentation, June 2014, Indianapolis, IN
- Geiser, CF, Malloy, P.M., Meinerz, C.M., Kipp, K. "Hip External Rotation Strength Impacts

- Lower Extremity Mechanics During Unanticipated Landing Activities in Collegiate Female Soccer Players.” American Society of Biomechanics Annual Meeting, Poster Presentation, Sept 2013, Omaha, NE
- Geiser, C.F., O’Connor, K.M., Earl, J.E., “The effect of fatigue-induced hip abductor weakness on knee mechanics during functional tasks.” National Athletic Trainers’ Association Annual Meeting, Platform Presentation, June 2008, St Louis, MO
- Geiser, C.F., O’Connor, K.M., Earl, J.E., “The effect of fatigue-induced hip abductor weakness on knee mechanics during functional tasks.” Great Lakes Athletic Trainers’ Association annual meeting, Platform Presentation, March 2008, St Charles, IL
- Geiser, C.F., Earl, J.E., “Use of Isokinetic Versus Isotonic Resistance During a Hip Abductor Fatigue Protocol.” Great Lakes Athletic Trainers’ Association annual meeting, Platform Presentation, March 2007, Toledo, OH
- Geiser, C.F., O’Connor, K.M., “Hamstring Length Changes During a Squat and Drop Jump,” International Symposium on Biomechanics in Sport. Platform presentation, June 2006, Salzburg, Austria
- Geiser, C.F., Jensen, R. “Isokinetic Ankle Inversion / Eversion Strength of Collegiate Male Distance Runners.” Wisconsin Physical Therapy Association annual meeting, Poster Presentation, March 1990, Waukesha, WI

#### **MENTORED/ADVISED-STUDENT PRESENTED RESEARCH**

- Malloy, P.M, Kiely, M., Giordanelli, M., Geiser, C.F., Kipp, K. “Task Specific Kinematic and Kinetic Differences in People with Symptomatic Femoroacetabular Impingement,” American Society of Biomechanics Annual Meeting, Poster Presentation, Aug 2016, Raleigh, NC
- Kiely, M., Malloy, P.M, Giordanelli, M., Geiser, C.F., Kipp, K. “The Effect of Jump Type and Load on Ground Reaction Force Variables,” American Society of Biomechanics Annual Meeting, Poster Presentation, Aug 2016, Raleigh, NC
- Morgan, A., Geiser, C.F., Malloy, P.M, Kipp, K. “Audio and Visual Biofeedback as Methods of Gait Retraining to Reduce Tibial Acceleration Upon Foot Strike,” American Society of Biomechanics Annual Meeting, Poster Presentation, Aug 2015, Columbus, OH
- Malloy, P.M., Morgan, A., Kiely, M., Geiser, C.F., Heinrich, J., Kipp, K. “Patients with Symptomatic Femoroacetabular Impingement (FAI) Demonstrate Different Lower Extremity Joint Coordination Compared to Healthy Controls During a Double-Leg Squat Task,” American Society of Biomechanics Annual Meeting, Poster Presentation, Aug 2015, Columbus, OH
- Giordanelli MD, Geiser CF, Malloy PJ, Morgan A, Kipp K. “Acute Increases in Ankle Dorsiflexion Range of Motion Alter Knee Mechanics in Active College Age Females.” National Athletic Trainers’ Association Annual Meeting and Symposium, Poster Presentation, June 2015, St Louis, MO
- Morgan, A., Malloy, P.M., Meinerz, C.M., Geiser, CF, Kipp, K. “Audio and Visual Biofeedback as Methods of Gait Retraining to Reduce Tibial Acceleration upon Foot Strike.” World Congress of Biomechanics, Poster Presentation, July 2014, Boston, MA
- Malloy, P.M., Meinerz, C.M., Geiser, CF, Kipp, K., “Female athletes with ACL reconstruction demonstrate similar muscle synergy patterns to healthy athletes during a drop vertical jump task.” World Congress of Biomechanics, Poster Presentation, July 2014, Boston, MA
- Malloy, P.M., Meinerz, C.M., Geiser, CF, Kipp, K. “Associations Between Clinical Dorsiflexion Flexibility and Landing Mechanics During a Drop Jump.” American Society of Biomechanics Annual Meeting, Poster Presentation, Sept 2013, Omaha, NE
- Meinerz, C.M., Malloy, P.M., Kipp, K., Geiser, CF “Hip External Rotation Strength Impacts Frontal Plane Hip Motion During Unanticipated Landing Activities in Collegiate Female Soccer Players.” National Athletic Trainers’ Association Annual Meeting, Poster Presentation, June 2013, Las Vegas, NV

#### **COLLABORATIVE PRESENTED RESEARCH**

- Kipp, K., Giordanelli, M., Malloy, P.M., Jandrin, T., Kiely, M., Geiser, CF. “Muscle Architectural

- Parameters Predict Force-Velocity Parameters Derived from Loaded Countermovement Jumps,” American Society of Biomechanics Annual Meeting, Poster Presentation, Aug 2015, Columbus, OH
- Kipp, K., Malloy, P.M., Meinerz, C.M., Geiser, CF. “Kinematic Comparison of Successful and Unsuccessful Landings During Unanticipated Movement Tasks,” American Society of Biomechanics Annual Meeting, Poster Presentation, Sept 2013, Omaha, NE
- Kipp, K., Malloy, P.M., Meinerz, C.M., Geiser, CF. “Principal components analysis of ground reaction forces while running at different speeds.” American College of Sports Medicine Annual Meeting, Poster Presentation, May 2013, Indianapolis, IN
- Garceau, L., Geiser, CF., Kipp, K., Starsky, A., “Flat Motorized and Curve Non-Motorized Treadmills: Analysis of Heart Rate, Perceived Exertion, and Running Speed.” National Strength and Conditioning Association Annual Meeting, Poster Presentation, July 2012, Providence, RI
- Garceau, L., Geiser, CF., Kipp, K., Starsky, A., “Kinematics and Perceived Effort of Running on a Curve® vs. Standard Treadmill.” Wisconsin Physical Therapy Association Annual Meeting, Waukesha, WI, Poster Presentation, April 2012, Waukesha, WI

#### **SERVICE TO UNIVERSITY**

- Jan, 2016 to present: Inter-Professional Education working group, Member
- Aug, 2006 to present: University Program Assessment Committee, Representative
- Sept, 2009 to May, 2012: University Core Curriculum Review Committee, Committee Member
- Sept, 2009 to May, 2012: Honors Program Faculty Advisory Committee, Committee Member
- Sept, 2008 to May, 2010: University Library Advisory Board, Member

#### **SERVICE TO DEPARTMENT**

- 2005 to present: Peer Assessment Leader for Athletic Training Major, University Annual Assessment Review
- 2011-2012: CTRH Faculty Search Committee
- 2011-2012: EXSC Faculty Search Committee

#### **SERVICE TO PROFESSION**

- 2013-present: Peer reviewer for scholarly journals: American Journal of Sportsmedicine, Medicine and Science in Sport and Exercise, Journal of Sports Sciences.
- 2015-present: Great Lakes Athletic Trainers’ Association, Student Research Submission Review Committee, Member
- 2008-2010: Wisconsin Athletic Trainers’ Association Student Affairs Committee, Committee Member
- 2006 to 2008: Wisconsin Athletic Trainers’ Association Student Education Committee, Committee Member
- 1995-2006: National Athletic Trainers’ Association Board of Certification Test Site Administrator
- July, 1995: National Athletic Trainers’ Association Board of Certification Exam Question Development meeting

#### **SERVICE TO COMMUNITY**

- 2013-2015: Fusion Soccer Club, Volunteer medical event coordinator, Fusion Fall Cup soccer Tournament
- 2008-2012: FC Milwaukee Soccer Club, Team Manager.
- 2006-2010: Parish Council Member, Holy Rosary Catholic Parish, Fredonia, WI
- 2008-2010: Parish Council Vice-President, Holy Rosary Catholic Parish, Fredonia, WI
- 2004-2010: Education Committee, Rosemary Catholic School, Fredonia, WI
- 2008-2010: Ad Hoc Building Committee Member, Rosemary Catholic School, Fredonia, WI

#### **INVITED PRESENTATIONS**

- March 2013: “Minimalist Footwear and Running Style” Medical College of Wisconsin 25<sup>th</sup> Annual Sportsmedicine Symposium, Milwaukee, WI

April 2012: “Current Understanding of Non-Contact ACL Injury Mechanisms and Prevention”  
Wisconsin Athletic Trainers’ Association Annual Meeting and Symposium,  
Oconomowoc, WI

Sept 2008: “Post-arthroscopic rehabilitation of the hip” Aurora Sportsmedicine Symposium,  
Milwaukee, WI

March 2008: “Post-arthroscopic rehabilitation of the hip” Medical College of  
Wisconsin 20<sup>th</sup> Annual Sportsmedicine Symposium, Milwaukee, WI

Oct 2006: “The Healthy Classroom – Ergonomic Considerations” Catholic Educators Convention,  
Milwaukee, WI

March 2006: “Therapeutic Exercise for Low Back Treatment” Great Lakes Athletic Trainers  
Association Annual Meeting and Symposium, Madison, WI

April 2005: “Stress Injuries to Bone” Wisconsin Strength and Conditioning Association Annual  
Meeting and Symposium, Oshkosh, WI

March 2005: “Running Injuries: Evaluation of Biomechanical Factors” Medical College of  
Wisconsin Sportsmedicine Symposium, Milwaukee, WI

Oct 2004: “Conditioning Activities for Injury Prevention” Catholic Educators Convention,  
Milwaukee, WI

Fall 2004: “The Profession of Physical Therapy” Guest Lecturer EXSC 090, Marquette University

Spring 2004: “Evaluation of the Spine” Guest Lecturer ATTR 140, Marquette University

March 2003: “Hip Mobilization Techniques” Medical College of Wisconsin Sportsmedicine  
Symposium, Milwaukee, WI

April 2002: “Rehabilitation of Ballet Dancers” Physical Therapy Student Conclave, Marquette  
University, Milwaukee, WI

Nov 2000: “Rehabilitation of Ballet Dancers” Program in Physical Therapy Brown Bag Lunch,  
Marquette University, Milwaukee, WI

May 1998: “Rehabilitation of the Performing Artist” PM&R Resident Lectures, Medical College  
of WI, Milwaukee WI.

Nov 1996: “Rehabilitation of the Performing Artist” SE District PT Assn., Milw. WI

June 1996: “Rehabilitation of the Performing Artist” National Athletic Trainers Association  
Annual Convention, Orlando, FL

April 1996: “Rehabilitation of Patellofemoral Joint Dysfunction” Great Lakes Athletic Trainers  
Association Annual Meeting, Madison, WI

Nov 1995: “Paths to Athletic Training and Physical Therapy” Marquette University Program in  
Physical Therapy - Guest Lecturer, Milwaukee, WI

March 1995: “Rehabilitation of the Patellofemoral Joint” MCW Sportsmedicine Symposium,  
Milwaukee, WI

March 1992: “Taping Techniques for the Patellofemoral Joint” Guest Lecturer - MATC Physical  
Therapists’ Assistant program, Milwaukee, WI

### **HONORS / AWARDS**

Apr 2015: Outstanding Educator Award, Wisconsin Athletic Trainers’ Association  
Nov 1996: Mary Pat Murray Award for Clinical Excellence. SE District WPTA

### **SPORT AND CLINICAL RESPONSIBILITIES:**

Feb 2003 to Dec 2005: Marquette University Men’s and Women’s Cross Country team

Sept 1992 to Jan 2003: Director of Rehabilitation, Milwaukee Ballet Company.

April 1996 to Jan 2003: Team Physical Therapist, Milwaukee Rampage professional “A” league  
outdoor soccer.

Feb 1995 to 2008: Test Site Administrator, Milwaukee - NATA Board of Certification.

July 1995: NATA Certification Exam Question Development – NATA Board of Certification.

Aug 1991 to Nov 1992: Head Physical Therapist / Staff Athletic Trainer, Racine Raiders semi-  
professional football.

Aug 1991 to June 1992: Head Physical Therapist / Athletic Trainer, Union Grove High School  
and Racine Lutheran High School.

Sept 1992 to Feb 2003: Performing Arts Consultant:  
Sept 2001: Lord of the Dance tour group

Aug 2000: David Parsons Dance Company  
March 2000: John Mellencamp tour  
May 1999: Riverdance tour group  
Aug 1998: Allman Brothers Band  
Oct 1998: Lord of the Dance tour group

**PROFESSIONAL ORGANIZATIONS**

1992 to present: National Athletic Trainers' Association  
1992 to present: Great Lakes Athletic Trainers' Association  
1992 to present: Wisconsin Athletic Trainers' Association  
2006 to present: International Society of Biomechanics in Sports  
2008 to 2012: American College of Sports Medicine  
1989 to 2006: American Physical Therapy Association  
2004 to 2005: American College of Sports Medicine  
1994 to 1996: International Society of Dance Medicine Practitioners  
1991 to 1995: Sports Physical Therapy section, APTA