

Matthew L. Gauthier, PT, DPT, SCS
Curriculum Vitae
June 6, 2024

1640 W Roosevelt Rd, Ste 336
Chicago, IL 60608
P: 312.355.1465
E: mgauthie@uic.edu

EDUCATION

Indiana University, School of Health and Rehabilitation Sciences
DPT, Doctor of Physical Therapy
2009-2012

Purdue University, School of Health and Kinesiology
BA, Bachelor of Arts in Health and Kinesiology
2005-2009

ACADEMIC APPOINTMENTS

Director, Sports Physical Therapy Residency Program
Department of Physical Therapy
College of Applied Health Sciences, University of Illinois-Chicago
Chicago, IL 60608
2022-present

Visiting Clinical Assistant Professor
Department of Physical Therapy
College of Applied Health Sciences, University of Illinois-Chicago
Chicago, IL 60608
2022-present

Associate Faculty
Department of Physical Therapy
South College – Atlanta Campus
Atlanta, GA 30345
2023-present

Associate Faculty
Department of Physical Therapy
Robbins College of Health and Human Services, Baylor University
Waco, TX 76798
2018 – 2022

Faculty
Sports Residency
Evidence in Motion
San Antonio, TX 78232
2016 – 2022

LICENSURE

Licensed Physical Therapist
Illinois Department of Professional Regulation
IL# 070.019277
2012 - present

CERTIFICATION

Board Certified Sports Clinical Specialist in Physical Therapy
American Board of Physical Therapy Specialties
Certification Number: 46165
2015 - present

PUBLICATIONS

Gauthier ML, Unverzagt CA, Mendonça LM, Seitz AL. Missing The Forest For The Trees: A Lack Of Upper Extremity Physical Performance Testing In Sports Physical Therapy. *Int J Sports Phys Ther*. 2023;18(2):419-430. Published 2023 Apr 1. doi:10.26603/001c.73791

Liu JM, Knowlton C, Gauthier M, Tropp Z, Verma N, Nicholson G, Romeo A, Zaferiou A. (2022) Roles of each leg in impulse generation in professional baseball pitchers: Preliminary findings uncover the contribution of the back leg towards whole-body rotation. *Sports Biomechanics*. DOI: [10.1080/14763141.2022.2108490](https://doi.org/10.1080/14763141.2022.2108490)

Gauthier ML, Unverzagt CA, Seitz AL. (2021) Examining the use of upper extremity physical performance tests in sports physical therapy practice. [Abstract] *Journal of Orthopaedic and Sports Physical Therapy*.

Gauthier ML, Unverzagt CA, Seitz AL. (2021) Examining the use of upper extremity physical performance tests in sports physical therapy practice. [Conference Paper] *American Society of Shoulder and Elbow Therapists (ASSET) Conference 2021*, Tampa, FL.

Liu JM, Knowlton C, Gauthier M, Tropp Z, Verma N, Nicholson G, Romeo A, Zaferiou A. (2021) The roles and mechanisms of impulse generation for both legs in baseball

pitching: a whole-body perspective. [Conference Paper] *International Society of Biomechanics in Sport (ISBS) Conference 2021*, Canberra, Australia.

Liu JM, Knowlton C, Gauthier M, Tropp Z, Zaferiou A. (2021) Role of each leg in generating linear and angular impulse in baseball pitching. [Conference Paper] *Congress of the International Society of Biomechanics (ISB) 2021*, Stockholm, Sweden.

Submitted for publication

Pontillo M, Bellm E, Barber P, Unverzagt C, Gauthier ML, Davies G. Upper Extremity Return to Sport Functional Testing: A Systematic Review. *British Journal of Sports Medicine*

Gajda S, Liu JM, Molino J, Knowlton C, Gauthier M, Tropp Z, Verma N, Nicholson G, Romeo A, Zaferiou A. Linear and Angular Impulse Generated by High School Pitchers During Fastballs and Changeups. *Sports Biomechanics*

Liu JM, Knowlton C, Gauthier M, Tropp Z, Verma N, Nicholson G, Romeo A, Zaferiou A. How Maximum Whole-body and Segmental Angular Momenta Relate to Fastball Speeds in High School Baseball Pitchers, *Sports Biomechanics*

Tabaracci B, Sudhir S, Gauthier M, Hannigan L. A Preliminary Study of Preseason Workload in Collegiate Baseball Pitchers, *International Journal of Sports Physical Therapy*

CONFERENCE ACTIVITY

Tabaracci B, Sudhir S, Gauthier M, Hannigan L. Acute To Chronic Workload Monitoring In Collegiate Baseball Pitchers During Preseason. American Academy of Sports Physical Therapy Annual Meeting. June 13-14, 2024. Las Vegas, NV.

Hannigan L, Sudhir S, Tabaracci B, Gauthier M. Acute To Chronic Workload Monitoring In Collegiate Baseball Pitchers During Preseason. American College of Sports Medicine Annual Meeting. May 28-31, 2024. Boston, MA.

Liu JM, Knowlton C, Gauthier M, Tropp Z, Verma N, Nicholson G, Romeo A, Zaferiou A. A 3D approach to baseball pitching kinematic sequence. *International Society of Biomechanics in Sport (ISBS) Conference*. July 19-23, 2022. Liverpool, United Kingdom.

Gauthier ML. Return to sport for the overhead athlete: Are we doing enough? *Revitalize, Illinois Physical Therapy Association*. March 10, 2022. Virtual Conference.

Gauthier ML, Unverzagt CA, Seitz AL. Examining the use of upper extremity physical performance tests in sports physical therapy practice. *Research Platform Presentation at*

the Combined Sections Meeting, American Physical Therapy Association. February 2-5, 2022. San Antonio, TX.

Gauthier ML, Unverzagt CA, Seitz AL. Examining the use of upper extremity physical performance tests in sports physical therapy practice. *American Society of Shoulder and Elbow Therapists (ASSET) Annual Meeting*. October 20-22, 2021. Tampa, FL.

Gauthier ML, Davies GJ, Unverzagt CA. From the ground up: assessing and treating the kinetic chain in overhead athletes. *American Academy of Sports Physical Therapy – Annual Meeting and Scientific Conference*. September 23-25, 2021. Indianapolis, IN.

Liu JM, Knowlton C, Gauthier M, Tropp Z, Verma N, Nicholson G, Romeo A, Zaferiou A. The roles and mechanisms of impulse generation for both legs in baseball pitching: a whole-body perspective. *International Society of Biomechanics in Sport (ISBS) Conference*. September 3-7, 2021. Canberra, Australia.

Gauthier ML. Multidirectional instability: How I approach this. *Foundation for Orthopaedic Research and Education: Chicago Sports Medicine Symposium: World Series of Live Surgery*. September 13-15, 2019. Chicago, IL.

Gauthier ML. Shoulder instability in the in-season athlete. *Foundation for Orthopaedic Research and Education: Chicago Sports Medicine Symposium: World Series of Surgery*. September 7-9, 2018. Chicago, IL.

Gauthier ML. Treating the stiff and painful shoulder. *Foundation for Orthopaedic Research and Education: Chicago Sports Medicine Symposium: World Series of Surgery*. September 7-9, 2018. Chicago, IL.

TEACHING EXPERIENCE

University of Illinois-Chicago - DPT Program

1. Applied Kinesiology, Course Lead; Spring 2024
2. Sports Physical Therapy Elective, Course Lead; Spring 2024
3. Applied Kinesiology, Course Lead; Spring 2023
4. Sports Physical Therapy Elective, Course Lead; Spring 2023

South College (Atlanta) – DPT Program

1. Health Promotion and Fitness Management; Associate Faculty; Spring 2023

Baylor University – DPT Program

1. Therapeutic Interventions II; Associate Faculty; Summer 2022
2. Therapeutic Interventions I; Associate Faculty; Summer 2022
3. Anatomy II; Associate Faculty; Spring 2022
4. Health Promotion and Fitness Management; Associate Faculty; Spring 2022
5. Anatomy I; Associate Faculty; Spring 2022

6. Therapeutic Interventions II; Associate Faculty; Summer 2021
7. Therapeutic Interventions I; Associate Faculty; Summer 2021
8. Anatomy II; Associate Faculty; Spring 2021
9. Health Promotion and Fitness Management; Associate Faculty; Spring 2021
10. Musculoskeletal II; Associate Faculty; Summer 2020
11. Therapeutic Interventions II; Associate Faculty; Summer 2020
12. Therapeutic Interventions I; Associate Faculty; Summer 2020
13. Anatomy I; Associate Faculty; Spring 2020
14. Health and Fitness Promotion; Associate Faculty; Summer 2019
15. Therapeutic Interventions I; Associate Faculty; Spring 2019
16. Anatomy I; Associate Faculty; Spring 2019
17. Advanced Movement Analysis; Associate Faculty; Summer 2018

HONORS AND AWARDS

Kris Schell Memorial Clinical Excellence Award, Athletico Physical Therapy, 2019

PROFESSIONAL SERVICE

Journal of Shoulder and Elbow Surgery (JSES): Ad Hoc Reviewer
January 2021-present

Specialization Academy of Content Experts: Item Writer
January 2021 – present

Team Concept Conference: American Academy of Sports Physical Therapy: Co-
Moderator
December 2020

United States Olympic Committee (USOC): Volunteer Physical Therapist
2016 – Present

COMMUNITY SERVICE

Guest Lecturer: Injury prevention for the athletic trainer
Central Suburban League (Athletic Trainers)
2018-2022

Guest Lecturer: ACL rehabilitation
North Park University Athletic Training Program
2015 – 2020

NON-ACADEMIC APPOINTMENTS

Physical Therapist, Sports Specialist, Clinical Instructor
Athletico Physical Therapy
Chicago, IL
2012 – 2022

Manager of Overhead Athlete Program
Athletico Physical Therapy
Chicago, IL
September 2016 – 2022

Manager of Movement Performance Project
Athletico Physical Therapy
Chicago, IL
January 2015 – September 2016

Regional Coordinator of Athletico University
Athletico Physical Therapy
Chicago, IL
April 2013 – January 2015

MEMBERSHIP IN SCIENTIFIC/PROFESSIONAL ORGANIZATIONS

Member (elected), American Society of Shoulder and Elbow Therapists

Member, International Federation of Sports Physical Therapy Registered International Sports Physical Therapist

Member, American Baseball Biomechanics Society

Member, Illinois Physical Therapy Association

Member, American Physical Therapy Association

Member, American Academy of Sports Physical Therapists
Shoulder SIG, Specialization SIG, Knee SIG, College & Professional Sports SIG

Member, Academy of Physical Therapy Education
Academic Faculty SIG, Residency/Fellowship Education SIG

CONTINUING EDUCATION WORKSHOPS CONDUCTED

1. Video Throwing Analysis Training (Hybrid offering), Athletico Physical Therapy; Chicago, IL; August 2022
2. Evaluation and Treatment of the Overhead Athlete (Hybrid offering), Athletico Physical Therapy; Chicago, IL; June 2022
3. Sports Physical Therapy Competencies, Evidence in Motion; Ames, IA; March 2022
4. Advanced Management of the Upper Quarter (Hybrid offering), Athletico Physical Therapy; Carmel, IN; September 2021
5. Evaluation and Treatment of the Overhead Athlete (Hybrid offering), Athletico Physical Therapy; Chicago, IL; September 2021
6. Video Throwing Analysis Training (Hybrid offering), Athletico Physical Therapy; Chicago, IL; August 2021
7. Transitioning to Hybrid Learning (Hybrid offering), Athletico Physical Therapy, Chicago, IL; March 2021
8. Shoulder 201, Athletico Physical Therapy; Oak Brook, IL; October 2020
9. Sports Physical Therapy Competencies, Evidence in Motion; Chicago, IL; August 2020
10. Shoulder 101, Athletico Physical Therapy; Oak Brook, IL; February 2020
11. Video Throwing Analysis Training, Athletico Physical Therapy; Chicago, IL; August 2019
12. Shoulder 101, Athletico Physical Therapy; Oak Brook, IL; February 2019
13. Video Throwing Analysis Training, Athletico Physical Therapy; Royal Oaks, MI; November 2018
14. Sports Physical Therapy Competencies (assisted), Evidence in Motion; Denver, CO; August 2018
15. Video Throwing Analysis Training, Athletico Physical Therapy; Chicago, IL; April 2018
16. Sports Physical Therapy Competencies (assisted), Evidence in Motion; Austin, TX; February 2018
17. Shoulder 101, Athletico Physical Therapy; Oak Brook, IL; February 2018
18. The Overhead Athlete: Prep Course, Athletico Physical Therapy; Royal Oaks, MI; September 2017
19. The Overhead Athlete: Prep Course, Athletico Physical Therapy; Chicago, IL; August 2017
20. Evaluation and Treatment of the Overhead Athlete, Athletico Physical Therapy; Phoenix, AZ; June 2017
21. Shoulder 101, Athletico Physical Therapy; Oak Brook, IL; May 2017
22. Advanced Exercise Prescription, Athletico Physical Therapy; Ames, IA; June 2016

PROFESSIONAL DEVELOPMENT

1. USOPC Medical Conference; Colorado Springs, CO; February 2024
2. American Society of Shoulder and Elbow Therapists Annual Meeting; Scottsdale, AZ; October 2023
3. Community of Practice: Building Action Plans, Ujima Institute; September 2022-May 2023

4. American Academy of Sports Physical Therapy Annual Meeting and Scientific Conference; Indianapolis, IN; September 2022
5. American Society of Shoulder and Elbow Therapists Annual Meeting; Virtual Conference; April 2022
6. American Society of Shoulder and Elbow Therapists Annual Meeting; Virtual Conference; October 2020
7. Annual Meeting and Scientific Conference, American Academy of Sports Physical Therapy; September 2021
8. Combined Sections Meeting, American Physical Therapy Association; Virtual Conference; February 2021
9. Team Concept Conference. American Academy of Sports Physical Therapy; Virtual Conference; December 2020
10. American Society of Shoulder and Elbow Therapists Annual Meeting; Virtual Conference; October 2020
11. Certification in Hybrid Learning. Evidence in Motion; Chicago, IL; November 2020
12. American Baseball Biomechanics Society Virtual Conference; July 2020
13. Hybrid Learning Summit. Evidence in Motion; San Antonio, TX; May 2020
14. Shoulder and Knee: Complex Understanding for Simple Solutions, Erik Meira and Adam Meakins; Chicago, IL; October 2019
15. Chicago Sports Medicine Symposium, Foundation for Orthopaedic Research and Education; Chicago, IL; September 2019
16. Blood Flow Restriction Training, Athletico Physical Therapy; Lockport, IL; June 2018
17. Total Spine Thrust Manipulation, Institute of Clinical Excellence; Chicago, IL; April 2018
18. Baseball 2017: Youth to the Big Leagues: AOSSM; Chicago, IL; October 2017
19. Baseball Sports Medicine: Game Changing Concepts; Foundation for Orthopaedic Research and Education; New York City, NYC; November 2016
20. Chicago Sports Medicine Symposium, Foundation for Orthopaedic Research and Education; Chicago, IL; August 2016
21. ACL Return to Sport Testing, Athletico Physical Therapy, Chicago, IL; August 2016
22. Team Concept Conference, American Academy of Sports Physical Therapy; Las Vegas, NV; December 2015
23. 3DMAPS Training, Gray Institute; Chicago, IL; July 2015
24. Concussion Evaluation and Treatment, Athletico Physical Therapy; Chicago, IL; June 2015
25. Management of the Lower Quarter. Evidence in Motion; Oak Brook, IL; September 2014
26. Sports Physical Therapy Competencies, Evidence in Motion; Denver, CO; August 2014
27. Functional Movement Screen Level 1 and 2 Hybrid Course, Functional Movement Systems, Oak Brook, IL August 2014
28. Management of the Upper Quarter, Evidence in Motion; Oak Brook, IL; April 2014
29. Emergency Medical Response. Evidence in Motion; Oak Brook, IL; March 2014
30. Sports Physical Therapy Competencies, Evidence in Motion; Bolingbrook, IL; April 2013
31. Graston M2 Training, Graston Technique, Oak Brook, IL, November 2012