



Curriculum Vitae

Alisa Drapeaux PhD, DPT, ATC
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Education

Doctor of Philosophy in Education
Degree conferred: August 2022
Drake University; Des Moines, IA

Doctor of Physical Therapy
Degree conferred: December 2004
University of Iowa; Iowa City, IA

Bachelor of Science in Exercise Science
Degree conferred: May 2002
University of Iowa; Iowa City, IA

Licensure Information

Iowa Physical Therapy License #3936
2006-Current

Certifications

Athletic Training Certification:

- 2002-Current

American Heart Association- Basic Life Support for Healthcare Providers

- 2002-Current

Intercultural Learning Fellowship

- January 2021-March 2021

Professional Experience

Assistant Director of Clinical Education and Associate Professor; Des Moines University;
Des Moines, IA, January 2025-present

Assistant Dean of Enrollment Management; Drake University; Des Moines, IA, September 2023-2024

- Enhance strategic initiatives within the College of Pharmacy and Health Sciences to grow pathways and partnerships
- Oversee enrollment management team
- Manage enrollment services team budget
- Present at multiple recruitment sessions (off and on campus)
- Meet with prospective students and families

Associate Professor of Health Sciences; Drake University; Des Moines, IA, July 2024-present

- Teach a 9-11 credit hour workload for undergraduate and graduate programs
- Engage in scholarly activity with both internal and external partners in the medical community
- Faculty advisor for over 20-25 undergraduate advisees

Iowa HOSA Executive Director; Drake University; Des Moines, IA, November 2023-present

- Manage all operations of Iowa HOSA
- Strategically build opportunities for middle school, secondary, and post-secondary students
- Develop partnerships, scholarship opportunities, and internships for future healthcare professionals
- Recruit new chapters
- Collaborate with the Department of Education

Vice Chair of Health Sciences; Drake University; Des Moines, IA, August 2022-September 2023

- Oversee the Anatomy and Physiology lab instructors.
- Engage in relationship building and development with external partners to enhance the HSCI program and opportunities for students and faculty.
- Assist with recruitment and retention initiatives.
- Provide faculty leadership for HOSA: Future Health Professionals
- Assist with department meetings.
- Assist with other department administrative duties.

Pre-Med Co-Chair; Drake University; Des Moines, IA, August 2022-present

- Provide mentorship to pre-med students at Drake University
- Implement and oversee the 2022-23 initiative plan for the pre-med program
- Assist in development of a new pre-med webpage, Blackboard page, and other recruitment efforts

Assistant Professor in Health Sciences and Director of Health Sciences Internship Program; Drake University; Des Moines, IA, August 2018-June 2024

- Teach a 9-11 credit hour workload for undergraduate programs
- Oversee and lead the Health Sciences internship program for 25-30 students
- Serve on Academic Affairs and Chair of the Experiential Committee
- Engage in scholarly activity with both internal and external partners in the medical community
- Member of the College of Pharmacy and Health Sciences recruitment team for prospective students
- Faculty advisor for over 20-25 undergraduate advisees
- Submitted internal and external grants (e.g., Drake and NSF)

Physical Therapist (PRN); The Iowa Clinic; Des Moines, IA, 2022-2023

- Evaluate and treat outpatient orthopedic patients
- Engage in networking for future experiential opportunities
- Create a shadowing opportunity for Drake students

Physical Therapist (PRN); Select Medical; Ankeny, IA 2022-present

- Evaluate and treat outpatient orthopedic patients
- Engage in networking for future experiential opportunities
- Create a shadowing opportunity for Drake students

Intercultural Fellowship; Drake University, Des Moines, IA. January- March 2021

- Participated in 12-week fellowship for the Intercultural Learning Program
- Engaged and navigated through intercultural coursework to improve overall cultural competency

FUTURE in Biomedicine Fellow; University of Iowa Carver College of Medicine; Iowa City, IA; 2019-2020

- Completed subsequent 3-month fellowships for Fostering Undergraduate Talent-Uniting Research and Education (FUTURE)
- Engaged in scholarly activity with University of Iowa Orthopedics Team
- Involved Drake Undergraduate students to participate and join meetings
- Participated in medical program admission meetings

Clinical Coordinator of Education (CCCE); Select Medical; Des Moines, IA; 2014-2018

- Directly worked with several contracted sites around the United States for placing students in multiple Des Moines clinics

- Utilized high organization and communication skills to work with ACCE and maintain legal contracts
- Participated as an APTA Clinical Instructor in the clinic setting and oversaw several DPT students

Multi-Site Manager and Orthopedics Physical Therapist; Select Therapy (formerly Physiotherapy); Des Moines, IA; 2006-2018

- Evaluated and treated a variety of neurological, sports medicine, and musculoskeletal diagnoses.
- Performed physical therapy treatment in a variety of settings: fitness club, private practice, and hospital outpatient settings.
- Led a team of physical therapists, speech therapists, occupational therapists in multiple clinic settings.
- Actively recruited and hired several clinicians.
- Managed and oversaw operating budget for several clinics.
- Highly engaged in marketing with physicians and other healthcare providers

Adjunct Faculty- College of Pharmacy and Health Sciences; Drake University; Des Moines, IA; 2015-2018

- Adjunct faculty for an undergraduate course: Patient Assessment
- Instructed through lecture and lab format for clinical exam content and medical history intake

Adjunct Faculty- Health Sciences Program; Grandview University; Des Moines, IA 2010

- Instructed a Health and Wellness course for undergraduate students
- Included both lecture and lab components

Physical Therapist; Saunders Therapy Clinic; Maple Grove, MN; 2005-2006

- Evaluated and treated 6-8 patients per day in an outpatient setting including: chronic pain, work comp injuries, and musculoskeletal diagnoses
- Initiated marketing program to sports medicine clinics
- Worked directly with an OT to team treat several work comp injuries

Teaching Experience

HSCI 140: Patient Assessment, Drake University

- 2015-present
- Undergraduate health sciences professional elective
- Course format: Lecture and Lab

- Course objectives focus on the instruction for learning and completing competencies related to neurological, wellness, musculoskeletal clinical exams and medical history intake

HSCI 021: Professionalism in Healthcare, Drake University

- 2019-present
- Core undergraduate health sciences required course
- Co-taught with another instructor
- Course objectives include teaching students' content on the soft skills of healthcare providers, professionalism in the clinic setting, patient provider experiences, interview skills, and patient rights and responsibilities

HSCI 196 and 197: Health Sciences Internship, Drake University

- 2018-present
- Core undergraduate health sciences required course
- Course objectives include a variety of experiential competencies to be obtained during a 96 hour per semester onsite internship
- Actively recruited and engaged several local preceptors
- Supervised students' performance through multiple assignments and communication with preceptors

HSCI 141: Human Anatomy, Drake University

- 2020-present
- Core undergraduate health sciences and pre-pharmacy required course
- Course objectives include an overview of the nervous, muscular, skeletal, endocrine, digestive, reproductive, and urinary systems

HSCI 141-L: Human Anatomy Lab, Drake University

- Instructor- Fall 2018
- Course coordinator for graduate student lab instructors: 2020-2021 (3 semesters)
- Assisted with lab manual revisions and utilized Z-space (3D) software to instruct students in human body dissection

HSCI 125-L: Human Physiology Lab, Drake University

- Spring 2019 (2 sections)
- Core laboratory course for health sciences undergraduate students
- Course objectives focused on exercise physiology laboratory testing (anaerobic testing, EKG, vital assessment with cold water immersion, etc.)

HSCI 270: Practicum: Evidence Based Health Care, Drake University

- Fall 2021, Spring 2022
- Graduate required course in Evidence Based Health Care Certificate Program
- Course objectives include supervising practicum experience for students and oversee several research assignments

HSCI 109: Interprofessional Collaboration and Patient Assessment (Travel Abroad Course)

- January 2022-*present*
- Professional Elective course co-instructed with Pharmacy Faculty
- Course objectives include interprofessional collaboration, medical history, clinical exam, and intercultural experiences/reflection

HSCI 285: Masters in Health Informatics and Data Analytics Capstone Course

- Spring 2023- Present
- Faculty Instructor for experiential course
- Recruitment and placement of capstone students
- Course objectives include providing students with opportunities to identify and apply data analytics methods, enable students to interpret literature, and provide a framework for value-based care.

Peer Reviewed Journal Publications

- **Drapeaux, A.** & Carlson, K. (2020). The effect of manual therapy on lower extremity joint kinematics during running: A single subject case study. *Journal of Bodywork and Movement Therapies*; 25: 218-222. <https://doi.org/10.1016/j.jbmt.2020.12.005>.
- **Drapeaux, A.** & Carlson, K (2020). A comparison of inertial motion capture systems: DorsaVi and Xsens. *International Journal of Kinesiology and Sports Science*. 8(3) 24-27. doi: <http://dx.doi.org/10.7575/aiac.ijkss.v.8n.3p.24>.
- **Drapeaux, A.** & Hurdelbrink, J. (2021). The Effects of Muscle Energy on Low Back Pain: A 3D Analysis of Running Biomechanics. *International Journal of Kinesiology and Sports Science*. 9 (1). https://www.researchgate.net/publication/350576422_The_Effects_of_Muscle_Energy_on_Low_Back_Pain_A_3D_Analysis_of_running_biomechanics.
- **Drapeaux, A.,** Hurdelbrink, J., Gutierrez, C. (2021). The effects of a 10-week structured nutrition and kickboxing program on quality-of-life measures. *The International Journal of Health, Wellness, and Society*. 11 (2); 83-92. <https://doi.org/10.18848/2156-8960/CGP/v11i02/83-92>.

- **Drapeaux, A., Fustino, N., Jenson, A. (2021).** The impact of COVID-19 on patient experience within a Midwest hospital system: A case study. *Journal of Patient Experience*; 8. <https://doi.org/10.1177/23743735211065298>.
- **Drapeaux, A., Willey, M., Davison, J. (2024).** The Influence of Patient Provider Educational Interactions and Associated Preoperative Variables on Outcomes in the Hip Dysplasia Population. *Iowa Orthopedic Journal (Indexed in 2024)*

Peer Reviewed Scientific and Professional Presentations

- **Drapeaux, A. & Carlson, K. (2019).** The effects of manual therapy on joint kinematics on running- A single subject case study. American Osteopathic Academy of Sports Medicine Conference. Austin, TX
- **Drapeaux, A., Hurdelbrink, J., Gutierrez, C. (2019).** The effects of a structured 10-week nutrition and kickboxing program on quality-of-life measures. International Health and Wellness Conference. Berkley, CA
- **Drapeaux, A. (2020).** The effects of manual therapy on joint kinematics on running- A single subject case study. Iowa Physical Therapy Association Spring Conference (Virtual).
- **Drapeaux, A., Fustino, N., Jenson, A. (2021).** Patient-provider communication: Qualitative analysis on COVID versus Non-COVID diagnoses. Virtual International Conference on Communication in HealthCare: Puerto Rico.
- Willey, M., McCormick, E., Davison, J., Westermann, R., Kochuyt, A., Seffke, C., **Drapeaux, A., Glass, N. (2024).** Early specialization in youth sports is associated with hip pain and surgical treatment in college age athlete. ISHA- Hip Preservation Society Annual Scientific Meeting; October, Washington, D.C.
- **Drapeaux, A., Aviles, S., Garfoot, E. (2024).** A Novel Treatment of the Arthritic Hip: A prospective, cross-sectional study on changes following bone marrow concentrate injection and arthroscopic debridement. American Osteopathic Academy of Orthopedics Annual Fall Meeting; October, Boston, MA
- Willey, M., McCormick, E., Westermann, R., Kochuyt, A., Seffke, C., Goetz, J., **Drapeaux, A., Glass, N. (2025).** Early specialization in youth sports is associated with hip pain and surgical treatment in college age athlete. Mid-America Orthopedic Association, San Antonio, TX.
- Yechan Kim, Y. Shaeffer, P., Smith, H., Whitaker, N., Drapeaux, A., Gourley, T. (2024) A Descriptive Analysis of Emergency Department Provider Management of Musculoskeletal Diagnoses. Society of Academic Emergency Medicine- Great Plains Regional Meeting. Poster Presentation; Iowa City, IA.

Oral Presentations

- **Drapeaux, A & Fustino, N. (2022).** The evolving impact of patient experience outcome measures on healthcare. Accepted for an oral presentation for Patient Experience Symposium, Boston, MA, September.

- **Drapeaux, A.** (2024). Patient Assessment. International Leadership Conference, Houston, TX, June.

Other Professional Presentations

- **Drapeaux, A.** Munsugu, R. and Pawlowski, J. TRI Spine Model: Improving confidence in DO, DPT, and DC students. Upper Midwest Osteopathic Conference. May 6th, 2022.
- **Drapeaux, A.** Collective Feedback on the TRI Spine Model. Des Moines University, DO Department. February 2nd, 2023.
- Zimmey, K. Van Gorp, B., **Drapeaux, A.** (2023). Diagnostic Imaging Rights in Iowa. APTA-Iowa Issues Forum; April; Des Moines, IA.
- Van Gorp, B, **Drapeaux, A.** (2023). Diagnostic Imaging Rights in Iowa; NW District Meeting; July, Des Moines, IA (Remote).

Funded/In Review Grant Activity

- **Drapeaux A.** Harris Research Grant (2019-20). Tech transfer: Intellectual Property Prototype and Research. Drake University-College of Pharmacy and Health Sciences. Funded \$3000.
- **Drapeaux A.** Internship Partnership Grant (2019-20). Scouting trip for Austria. Drake University-College of Pharmacy and Health Sciences. Funded- \$2000.
- **Drapeaux A.** Faculty Development and Enrichment Grant (2018-19)' Visiting Fellowship for FUTURE Biomedicine Program at University of Iowa. Drake University; Funded \$787
- **Drapeaux, A.** Deputy Provost Grant- Drake University. \$900-Drake University; Funded
- **Drapeaux, A.** Faculty Research Grant- Patient Experience Symposium (2022-23); Drake University; Funded-\$1500.
- **Drapeaux, A.** Harris Research Grant (2022-23). Assessment of Virtual Cadaver Technology to Enhance Student Learning: An Interdepartmental Approach. Drake University-College of Pharmacy and Health Sciences. Funded: \$105,000

Current/Active Research Activity:

- Authorship: Primary Investigator
 - Nature: Effect of Integrative Medical Services on Needs Met/Unmet within the Cancer Population
 - Funding: NA
 - Stage: Manuscript Writing and Oral Presentation/Abstract Submission

- Authorship: Primary Investigator
 - Nature: Hip Spine Syndrome: Effect of Pelvic Incidence and Movement Patterns on Patient Outcomes
 - Funding: NA
 - Stage: Data Collection

- Authorship: Secondary Investigator
 - Nature: Evaluation and Treatment of Musculoskeletal Complaints in the Emergency Department: Descriptive Statistics
 - Funding: NA
 - Stage: Manuscript Writing/Abstract Submission

Membership in Scientific/Professional Organizations

- American Anatomy Association Member
 - 2022-Current
- APTA Iowa Communications Chair and Board Member
 - 2020-present
- American Physical Therapy Association-National (APTA) member
 - 2019-present
- American Physical Therapy Association -Iowa member
 - 2019-present
- University of Iowa Carver College of Medicine- Young Adult Hip Preservation Research Team
 - 2019-present
- International Community in Communication in HealthCare Membership
 - 2021- Current

Consultative and Advisory Positions Held:

- Faculty Advisor for Pre-Professional Health Sciences Students; Drake University
- Pre-Medical Advisor Committee Member; Drake University
- Pre-Med Co-Chair at Drake University

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

Professional Activities

- **APTA Iowa Communications Chair and Board Member: 2020-present**
- Diagnostic Imaging Rights Group (APTA): 2022-present
- American Physical Therapy Association (APTA) member: 2019-present
- Iowa Physical Therapy Association (IPTA) member: 2019-present
- University of Iowa Carver College of Medicine- Young Adult Hip Preservation Research Team: 2019-present
- University of Iowa DPT Interviewing Committee-2019-present
- APTA Iowa Event Coordinator: Iowa State Fair Screenings: 2021-2023
- APTA National- ORCHA- APTA Digital Health App Library Training: 2023

Drake University-College of Pharmacy and Health Sciences

- Academic Affairs: 2018-2020
- Academic Affairs Chair: 2021-present
- Student Affairs Member: 2022-2023
- Health Sciences Experiential Committee Chair: 2018-present
- Faculty Mentor: Guided Research: 2019-present
- College of Pharmacy and Health Sciences Recruitment Team: 2019-present
- Drake University Undergraduate Research Judge: 2019
- Search Committee for CPHS Experiential Specialist and MAT faculty- 2019 and 2021
- Mock Lab Instruction for Health Sciences Day: 2019-present
- Faculty representative for weekly Academic Overview of Health Sciences- 2021
- Search Committee Member: MAT Faculty 2021
- Search Committee Chair- Physiology Lab Instructor 2022
- Search Committee Member- Director of ABSN Program-2023

Drake University- University Service

- National Alumni Scholarship (NAS) Day: Health Sciences Lecture: 2019
- AMCAS Pre-Med Advisor: 2023-present
- Pre-Med Co-Chair: 2023-present
- Pre-Med Letter Writing Committee: 2023-present
- Ex-officio Admission Committees: 2023-present

Honors and Awards:

- **Pappajohn Entrepreneurship Contest: Final Round Nominee** (2024-present)
- **Teacher of the Year:** 2021-22
 - Drake University': College of Pharmacy and Health Sciences (CPHS)
- Mentor of the Year Nominee: 2021-22
 - Drake University: CPHS
- Mentor of the Year Nominee: 2021-22
 - Drake University: CPHS

- Mentor of the Year Nominee: 2020-21
 - Drake University: CPHS
- Teacher of the Year Nominee: 2020-21
 - Drake University: CPHS
- Mentor of the Year Nominee: 2019-20
 - Drake University: CPHS
- Emerging Scholar Award- 2019
 - International Conference in Health, Wellness, Society

Peer Reviewer

- International Journal for Health Sciences Education: 2019-present
- Journal of Bodywork and Movement Therapist: 2020-present

Textbook Authorship

- **Drapeaux, A.** (2022). Interactive Human Anatomy E-book. Kendall Hunt Publishing; Dubuque, IA. ISBN: 978-1-7924-7922-9. (All chapters)

Continuing Education Courses:

- Management of Upper Extremity Pathology in the Overhead Athlete Course # 3183 (2020)
 - Presenter: Peter Draovitch, PT, MS, ATC, CSCS, SCS
- Comprehensive Care of the Hip Course #3254 (2020)
 - Presenter: David Nolan, PT, DPT, MS, OCS, SCS, CSCS
- Achilles Tendon Ruptures: Examination and Management Course #3077 (2020)
 - Presenter: Stephanie Albin, PT, DPT, OCS, FAAOMPT
- The Complicated Foot Made Simple Course #3669 (2020)
 - Presenter: Paul Drumheller, MPT, OCS, SCS, CSCS
- Management of Lower Extremity Tendinopathy Course #3004 (2020)
 - Presenter: David Nolan, PT, DPT, MS, OCS, SCS, CSCS
- Management of Lower Extremity Tendinopathy Course #3004 (2020)
 - Presenter: David Nolan, PT, DPT, MS, OCS, SCS, CSCS
- Injury Prevention in the Adolescent Athlete - Identifying Risk Factors and Implementing a Biopsychosocial Perspective Course #3392 (2020)
 - Presenter: Melisa Abesa, PT, DPT, OCS
- Diagnostic Imaging of the Spine: Primary Care & Daily Decision-Making Course #3306 (2021)

- Presenter: Charles R. Hazle Jr, PT, PhD
- Differential Diagnosis of Intra-Articular Versus Extra Articular Hip Impingement Course #3974 – (2021)
 - Presenter: Scott Cheatham, PhD, DPT, PT, OCS, ATC, CSCS
- Enhance Your Running Game by Strengthening Your Hips Course #4006 (2021)
 - Presenter: Amy Ashmore, PhD
- Advanced Treatment Applied to the Lower Quarter Runners-(2018)
 - Presenter: Jennifer Shamus PhD, PT
- Advances in the Rehabilitation and Medical Management of the Concussed Athlete Course # 3400-(2020)
- Sports Psychology for the Aging Athlete: The Mind Body Connection Course # 3890 – (2020)
 - Presenter: Daniel Schweigert, MD
- Management of Tendinopathy- EBP (2018)
 - Presenter: Richard Hubler PT, DPT, OCS
- Differential Diagnoses of Groin Pain in Athletes and Physically Active Individuals Course #3280 (2020)
 - Presenter: Adam Cady, MHS, ATC, CSCS, PA-C
- Stress fractures and the female athletic triad-EBP (2018)
 - Presenter: Roxanne Smith DPT, OCS, ATC
- Diagnosis and Management of the Unstable Elbow- EBP (2018)
 - Presenter: Roxanne Smith DPT, OCS, ATC
- Thoracic Spine Examination and Intervention (2023)
 - Conference: APTA Spring Conference
- Diagnostic Imaging Referrals: An overview of the next steps (2023)
 - Presenter: Alisa Drapeaux, PhD, DPT, ATC & Barbara Van Gorp, MPT, DPT, OCS, CSCS
- Musculoskeletal Imaging Certification- 2024 (In Progress)
 - Presenter: Dr. Lance Magby *PT, DPT, OCS, FAAOMPT*