

Leslie J. Day, PhD, CSCS

Northeastern University
Bouvé College of Health Sciences
Department of Physical Therapy, Movement and Rehabilitation Sciences
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Education/Employment History:**Education:**

Ph.D., Biology, Northeastern University, 2009
Dissertation: The Kinematics and Conservation of Swimming in Larval Zebrafish, *Danio rerio*

Master of Science, Applied Anatomy & Physiology, Boston University, 1999

Bachelor of Science, Exercise Physiology, University of Massachusetts @ Lowell, 1997
Minor: Psychology

Employment History:**Academic Positions:**

Northeastern University; Boston, MA (2002-present)
Department of Physical Therapy, Movement and Rehabilitation Sciences –
Bouve College of Health Sciences (2007 – present)
Associate Clinical Professor (2015 – present)
Cadaver Lab Coordinator (2009-present)
Acting Department Chair (2016 – 2016)
Associate Department Chair (2011 – 2016)
Assistant Clinical Professor (2009-2015)
Lecturer (2008-2009)
Adjunct Lecturer/Lab Assistant (2007-2008)

Physician Assistant's Program – Bouve College of Health Sciences
Adjunct Instructor (Fall 2004, 2009-2011)

Biology Department – College of Arts and Sciences
Full-time Lecturer – Biology Department (2002-2008)
Adjunct Instructor (2002-2002, 2008-2010)

College of Professional Studies
Adjunct Instructor (2004-2007, 2011-2012)

Simmons College – Graduate School of Health Studies; Boston, MA
Part-time Lecturer (2006 –2010)

MassBay Community College – Continuing Education; Wellesley, MA

Part-time Instructor (2002-2004)

Framingham State College – Biology Department; Framingham, MA

Part-Time Lab Instructor (2001)

Dean College – Math/Science Department; Franklin, MA

Part-time Instructor (1999-2000)

Conditioning Coach (1999-2000)

Research Experience:

Graduate Researcher, Northeastern University, Biology Department, PI: Dr. Donald O'Malley
June 2004 – January 2009

Topic: Optical studies of descending locomotor systems in larval zebrafish

Graduate Research Assistant, Mass General Hospital, Neuroendocrine Unit, PI: Dr. Steven Grinspoon

May 1999 – September 1999

Topic: Studies of the effects of testosterone in HIV positive women.

Graduate Research Assistant, Boston University, Sargent College of Health, PI: Dr. Roger Fielding

January 1999 – May 1999

Topic: Muscle power and function in the elderly

Industry Positions:

Personal Trainer, Private, June 1997 – present

Gold's Gym; Needham, Natick, and Ashland, MA

Regional Group Exercise Director, (2002-2003)

Healthworks Fitness for Women; Boston, MA

Asst. Regional Director of Group Exercise (2000-2002)

Personal Trainer, (1998-2002)

Publications:

Peer-Reviewed Journal Publications:

1. O'Neil-Pirozzi TM, Musler JL, Carney M, **Day LJ**, Hamel PC, Kirwin J. A Pilot Modular Experiential Education Program for First-Year Health Professions Students to Begin Developing Interprofessional Competencies. *Journal of Interprofessional Care*. 2018 [Submitted]
2. **Day LJ**. A Flipped Classroom Effects Performance, Retention and Higher-level Thinking in Gross Anatomy for Lower Performing Students. *Anatomical Sciences Education*. 2018 [epub ahead of print] doi: 10.1002/ase.1772
3. **Day LJ**. Effective Teaching and Learning: Overview of Research and Tools to Use to Reach the Millennial Student. *HAPS Educator*. 2016; 20: 84-89. doi: 10.21692/haps.2016.018

4. Kamali M, **Day LJ**, Brooks DH, Zhou, X and O'Malley DM. Automated Identification of Neurons in 3D Confocal Datasets from Zebrafish Brainstem. *Journal of Microscopy*. 2009; 223: 114-131.

Books:

1. **Day LJ** and Pilcher J. Digital Author component. In: Shier D, Butler J, Lewis R. *Hole's Human Anatomy and Physiology*. 15th ed. New York, NY: McGraw-Hill Companies, Inc.; 2018. [In Print]
2. **Day LJ** and Pilcher J. Digital Author component. In: Shier D, Butler J, Lewis R. *Essentials of Hole's Human Anatomy and Physiology*. 13th ed. New York, NY: McGraw-Hill Companies, Inc.; 2017.
3. **Day LJ** and Pilcher J. Digital Author component. In: Shier D, Butler J, Lewis R. *Hole's Human Anatomy and Physiology*. 14th ed. New York, NY: McGraw-Hill Companies, Inc.; 2016.
4. **Day LJ** and Pilcher J. Digital Author component. In: Shier D, Butler J, Lewis R. *Essentials of Hole's Human Anatomy and Physiology*. 12th ed. New York, NY: McGraw-Hill Companies, Inc.; 2015.
5. **Day LJ** and Pilcher J. Digital Author component. In: Shier D, Butler J, Lewis R. *Hole's Human Anatomy and Physiology*. 13th ed. New York, NY: McGraw-Hill Companies, Inc.; 2013.

Peer-Reviewed International/National Presentations:

1. **Day LJ**. Technology for the Anatomy Class and Lab. Human Anatomy and Physiology Society (HAPS) Annual Conference, Salt Lake City, UT, May 24-28, 2017.
2. **Day LJ**. Does Motivation or Learning-Strategies Develop in a Flipped-Classroom. Federation of American Societies for Experimental Biology Journal (FASEB), Chicago, IL, April 22-26, 2017
3. **Day LJ**. Effective Teaching and Learning: Overview of Research and Tools to Use to Reach the Millennial. Human Anatomy and Physiology Society (HAPS) Annual Conference, Atlanta, GA, May 21-25, 2016.
4. **Day LJ**. I want to flip my class! Now what?. Human Anatomy and Physiology Society (HAPS) Annual Conference, San Antonio, TX, May 23-27, 2015.
5. **Day LJ**. Flipped Classroom Effectiveness and Retention of Material. Conference for Advancing Evidence-Based Teaching, Northeastern University, Boston, MA, May 5, 2015
6. **Day LJ**. Long-term Retention and Effectiveness in a Large-sized Flipped Gross Anatomy Course for Doctoral of Physical Therapy Students. Federation of American Societies for Experimental Biology Journal (FASEB), Boston, MA, March 28-April 1, 2015
7. **Day LJ**. Online learning resources: How to use Connect. Human Anatomy & Physiology (HAPS) Annual Conference, Las Vegas, NV, May 25-29, 2013.
8. O'Malley DM, Merriam, **Day LJ** and Russell A. Digital Maze Games: Educational Tools for Biomedical Research and Other Academic/Technical Disciplines. Biotechnology Industry Organization (BIO) 2007 International Convention, Boston, MA, May 7-9, 2007.
9. **Day LJ**, Severi K, O'Malley D. Towards a Total Systems Analysis of the Zebrafish Locomotor Control System. Cold Spring Harbor Laboratory, Cold Spring Harbor, NY, March 9 -12, 2006.

Peer-Reviewed Abstracts/Posters:

1. O'Neil-Pirozzi TM, Musler JL, Carney M, **Day LJ**, Hamel P, Kirwin J. A Model Experiential Education Program for First Year Health Professions Students to Begin Developing Interprofessional Competencies. Nexus Summit, Minneapolis, MN, August 20-23, 2017.
2. Markowski A, Watkins M, **Day LJ**. Using Real-Time Ultrasound Imaging to Enhance Students' Learning Manual Skills to Include Accurate Palpation and Effective Joint Distraction in Physical Therapy Education. APTA NEXT Conference and Exposition, Boston, MA, June 21-24, 2017.
3. Markowski A, Watkins M, **Day LJ**. Using Ultrasound Imaging to Provide Real-Time Visualization in Physical Therapy Learning. Conference for Advancing Evidence-Based Teaching, Northeastern University, Boston, MA, May 2, 2017.
4. **Day LJ**. Student's Motivational Orientation and Learning Strategies in a Flipped-Classroom. Conference for Advancing Evidence-Based Teaching, Northeastern University, Boston, MA, May 3, 2016.
5. **Day LJ**. Long-term Retention and Effectiveness in a Large-sized Flipped Gross Anatomy Course for Doctoral of Physical Therapy Students. Federation of American Societies for Experimental Biology Journal (FASEB), Boston, MA March 28 – April 1, 2015.
6. Reimer E, **Day LJ**, Mattingly G. Is Cadaver Dissection Diminishing in PT Schools? American Physical Therapy Association Combined Section Meeting, Education Section, Las Vegas, NV February 4-6, 2014.
7. **Day LJ**, Goldberg M, Molloy E, Moran K, Rocco, C. Methods for the Teaching of Gross Anatomy: A Qualitative Look at the Use of Cadaver Dissection, Prosection, Plastination, and Computer-Aided Technology as Effective Methods. Federation of American Societies for Experimental Biology Journal (FASEB), Boston, MA, April 20-24, 2013. Abstract 27: 956.12.
8. **Day LJ**, Dhanota H, Severi K, Josephs T, Holmes T, O'Malley D. How Do We Classify the Diversity of Zebrafish Locomotor Behaviors? Society for Neuroscience Abstract, Atlanta, GA, October 14-18, 2006. Abstract 32: 448.22.
9. Jose J, Hugues E, **Day LJ**, O'Malley D. Neuromechanical Modeling of Larval Zebrafish Locomotor Gaits. Society for Neuroscience Abstract. Atlanta, GA, October 14-18, 2006. Abstract 32: 448.23.
10. **Day LJ**, Laevsky G, Dunner L, Arsenault J, DiMarzio C and O'Malley D. Visualization of Spinal Cord Damage and Functional Reorganization: Results From the Keck 3D Fusion Microscope. Center for Subsurface Sensing and Imaging Systems (CenSSIS) National Science Foundation (NSF) Site Visit; Boston University, Boston MA. March 2005.
11. **Day LJ**, Knudsen D, Dhanota H, Severi K, Jose J and O'Malley D. Lesions of descending motor pathways deconstrain spinal activity patterns: results from larval zebrafish. In: Society for Neuroscience Abstract. Washington D.C., November 12-16, 2005. Abstract 205:751.11.

Non-Peer Reviewed Abstracts:

1. Adams J, Dodge K, Sanfiorenzo V, Wagner G, **Day LJ**. Evaluating the Effectiveness of Real-Time Ultrasound Imaging on Palpation of the Medial Collateral Ligament. 17th Annual Northeastern University Research, Innovation and Scholarship Expo (RISE); April 13, 2017; Boston, MA.

2. Sterlin L, Quan M, Van Pelt P, Annen T, **Day LJ**. Analysis of Dissection Methods to Facilitate Student Understanding of Knee Ligaments. 17th Annual Northeastern University Research, Innovation and Scholarship Expo (RISE); April 13, 2017; Boston, MA.
3. Dardick B, Fusco A, Kimball M, Rebholz E, Rouleau K, **Day LJ**. An Evidence-Based Module on Total Knee Arthroplasty Rehabilitation. Poster presented at: 16th Annual Northeastern University Research, Innovation and Scholarship Expo (RISE); April 7, 2016; Boston, MA.
4. Gilliss C, O'Connor M, **Day LJ**. The Effect of Interactive Learning in the Cadaver Lab. Poster presented at: 16th Annual Northeastern University Research, Innovation and Scholarship Expo (RISE); April 7, 2016; Boston, MA.
5. Jackson E, Poirier M, Thompson C, **Day LJ**. Rehabilitation Implications for Patients with Total Shoulder Arthroplasty. Poster presented at: 16th Annual Northeastern University Research, Innovation and Scholarship Expo (RISE); April 7, 2016; Boston, MA.
6. Lindsay-Brisbin L, Hallock S, Chattin J, **Day LJ**. A Cadaveric Case Study of Bilateral Total Hip Arthroplasty. Poster presented at: 15th Annual Northeastern University Research, Innovation and Scholarship Expo (RISE); April 9, 2015; Boston, MA.
7. Ashley K, Babcock A, Bursn E, Carroll B, Spargo S, **Day LJ**. The effect of Radiological Imaging on structure identification in the lower Extremity Cadaver Cross-Sections. Poster presented at: 15th Annual Northeastern University Research, Innovation and Scholarship Expo (RISE); April 9, 2015; Boston, MA.
8. Kelly D, Kelly P, Kinnard K, Lepke B, Peabody K, Prochilo A, Walker G, Wingate K, **Day LJ**. Flipped Classroom Learning in a Gross Anatomy Lab. Poster presented at: 14th Annual Northeastern University Research, Innovation and Scholarship Expo (RISE); April 10, 2014; Boston, MA.
9. Dohrmann C, Goldthwaite K, Maloney R, Marzetti A, Pribyl M, **Day LJ**. The Efficacy of Blended Learning in the Education of Gross Anatomy. Poster presented at: 13th Annual Northeastern University Research, Innovation and Scholarship Expo (RISE); March 22, 2013; Boston, MA.
10. Laurenzano H, Reimer E, Tages M, **Day LJ**. Gross Anatomy Survey: How do Physical Therapy Schools in the United States teach Gross Anatomy? Poster presented at: 13th Annual Northeastern University Research, Innovation and Scholarship Expo (RISE); March 22, 2013; Boston, MA.
11. Bubb K, Asensio J, **Day LJ**. Predispositions to Patellar Instability: Bony Variations of the Knee Joint. Poster presented at: 11th Annual Northeastern University Research and Scholarship Expo; April 6, 2011; Boston, MA.
12. Dichio J, Romano T, Russell T, **Day LJ**. Incidence of Tarsal Coalition and Resultant Pathologies: A Literature Review. Poster presented at: 11th Annual Northeastern University Research and Scholarship Expo; April 6, 2011; Boston, MA.
13. Kane E, Johnson E, Gamache K, **Day LJ**. Anatomical Variations of the Sciatic Nerve and the Piriformis Muscle: Review of Literature. Poster presented at: 11th Annual Northeastern University Research and Scholarship Expo; April 6, 2011; Boston, MA.
14. Moritz C, Rousselle S, **Day LJ**. The Effects of Peer-Assisted & Active Learning on Physical Therapy Students' Gross Anatomy Grades. Poster presented at: 11th Annual Northeastern University Research and Scholarship Expo; April 6, 2011; Boston, MA.

15. Borst R, Yingling A, **Day LJ**. Gross Anatomy Supplemental Recitation for Students Deemed at Risk. Poster presented at: 10th Annual Northeastern University Research and Scholarship Expo; March, 24, 2010; Boston, MA.
16. Rocco C, Goldberg M, Molloy E, Moran K, **Day LJ**. Methods for the Teaching of Gross Anatomy: A Qualitative Look at the Use of Cadaver Dissection, Prosection, Plastination, and Computer-aided Technology as Effective Methods. Poster presented at: 10th Annual Northeastern University Research and Scholarship Expo; March, 24, 2010; Boston, MA.
17. Danielak M, Gilles B, Gorman M, Rooney D, Shulman M, **Day L** (2009) Applying an asynchronous blended learning approach through the use of e-learning in the gross anatomy course for entry level DPT students. Poster presented at: 9th Annual Northeastern University Research and Scholarship Expo; March, 26, 2009; Boston, MA.
18. Plack L, Armstrong M, **Day LJ**. Gross Anatomy Education. Poster presented at: 9th Annual Northeastern University Research and Scholarship Expo; March, 26, 2009; Boston, MA.
19. Smith J, Boyle B, **Day L**. Peer-led recitation sessions for gross anatomy course. Poster presented at: 9th Annual Northeastern University Research and Scholarship Expo; March, 26, 2009; Boston, MA.

Creative Activity:

Digital Works:

1. Digital Author for Connect Content for Anatomy and Physiology Revealed 3.0. McGraw-Hill Connect® Website. http://connect.mcgraw-hill.com/connectweb/branding/en_US/default/html/instructor/index.html. Accessed December 20, 2011.

Invited Presentations:

1. **Day LJ**. The Modern Classroom for Allied Health Students. Active A&P: Unlocking Student Potential Using Digital Resources! Conference from McGraw-Hill Education. October 7, 2016.
2. **Day LJ**. The Modern Classroom: How to Teach and Learn within Hybrid, Flipped, Face to Face and Online Environments. [Keynote]. Unlocking Student Potential Digital Conference from McGraw-Hill Education. April 1, 2016
3. **Day LJ**. Motivating Students to Stay in the A&P game. [Webinar]. <http://www.mhhe.com/apwebinars>. Presented October 16, 2015, October 23, 2015 and October 28, 2015.
4. **Day LJ**. A Look at the New Smartbook. [Webinar]. <http://www.mhhe.com/apwebinars>. Presented September 9, 2015 and September 25, 2015.
5. **Day LJ**. Student Response Showdown: Learning Catalytics. Technology in Teaching (TEXPO), Northeastern University, Boston, MA. March 7, 2015.
6. Nolan D, **Day LJ**. The Shoulder Complex: Evidence Based Practice & Gross Anatomy Implications. (Invited Speaker) BayState Physical Therapy, Boston, MA. June 22-23, 2013.
7. **Day LJ**, Nolan D. Current Concepts in Foot and Ankle Management. (Invited Speaker). Northeastern University, Boston, MA. Sept 11, 2010.

8. **Day LJ**, Nolan, D. Current Concepts in Rehabilitation of the Foot & Ankle Complex: Management of the Lower quarter Across the Lifespan. (Invited Speaker). BayState Physical Therapy, Boston, MA. March 27-28, 2010.
9. **Day LJ**, Nolan, D. The Shoulder Complex: Evidence Based Practice & Gross Anatomy Implications for the Physical Therapist. (Invited Speaker). Northeastern University, Boston, MA. Oct 24, 2009.
10. **Day LJ**, Nolan, D. The Shoulder Complex: Evidence Based Practice & Gross Anatomy Implications for the Physical Therapist. (Invited Speaker). BayState Physical Therapy, Boston, MA. July 18, 2009.
11. **Day LJ**, Slovenkai M, McNinch A, Nolan D. The Foot, Ankle and Lower Leg: Hands-on Dissection Workshop for Physical Therapists and Allied Health Professionals. (Invited Speaker). New England Baptist Hospital. Boston, MA. Nov 15, 2008.
12. **Day, LJ**. Using Personal Response System. (Invited Speaker). Center for Effective University Teaching at Northeastern University, Boston, MA. October 2004.

Grants:

External Grants:

Funded

1. **Co-investigator** (O'Malley PI). \$19,500. Digital Maze. 2008-2009. National Collegiate Inventors & Innovators Alliance (NCIIA) Grant.
2. **Co-investigator** (O'Malley PI). \$40,000. Digital Maze Games in Educational Settings. 2007-2008. Massachusetts Technology Transfer Center Award.

Internal Grants:

Funded

1. **Co-Primary Investigator. \$15,000.** Using real-time ultrasound imaging to enhance learning and clinical application of anatomy, biomechanics, motor control and patient care across the Physical Therapy curriculum. 2016-2017. Provost Grants for Advancing Undergraduate Teaching and Learning.
2. **Primary Investigator.** \$2,000. Does students motivation and learning strategies change based on teaching style. 2015-2016 Lead Faculty Scholar, Faculty Scholars Program with Center for Advancing Teaching and Learning Through Research
3. **Primary Investigator.** \$1,500. Effects of a flipped-classroom. 2014-2015. Faculty Scholars Program with Center for Advancing Teaching and Learning through Research.
4. **Consultant** (Letzeiser PI). Classroom Coach. 2004-2005. Provost's Grant for Instructional Development.

Unfunded

1. **Co-Primary Investigator. \$15,000.** 2016-2017. A Model Experiential Education Program for Bouvé Freshmen to Begin Developing. Interprofessional Healthcare Competencies Provost Grants for Advancing Undergraduate Teaching and Learning

Teaching Experience

Northeastern University – Physical Therapy, Movement, and Rehabilitation Sciences Department

Gross Anatomy

- Spring 2014, course became hybrid using flipped-classroom pedagogy
- Lab coordinator for all 4 sections since 2008

Gross Anatomy (PT5131) (4SH)		Gross Anatomy Lab (PT5132) (1SH)	
Semester	# of students	Semester	# sections # Total Students
		Spring 2007	2 ~50
Spring 2008	106	Spring 2008	4 106
Spring 2009	119	Spring 2009	4 119
Spring 2010	126	Spring 2010	3 74
Spring 2011	110	Spring 2011	4 106
Spring 2012	115	Spring 2012	2 56
Spring 2013	110	Spring 2013	2 53
Spring 2014	121 **hybrid	Spring 2014	2 59
Spring 2015	100 **hybrid	Spring 2015	4 100
Spring 2016	105 **hybrid	Spring 2016	4 105
Spring 2017	113 **hybrid	Spring 2017	4 113
Spring 2018	110 **hybrid	Spring 2018	4 110

Neuroanatomy Lab (PT5139) (1SH)

Semester	# sections	Total # of students
Summer 2007	2	~50
Summer 2008	2	48
Summer 2009	4	103
Summer 2010	4	110
Summer 2011	4	107
Summer 2012	2	58

Functional Neuroanatomy/Lab (PT5410/5411) (4SH/1SH)

Semester	# of students
Fall 2016	18
Fall 2017	24

PT Project 1&2 (PT5227/5228) (3SH/2SH)

- 2 semester directed study research project with undergraduate and graduate students

Semester	# of students	Semester	# of students
Fall/Spring 08-09	15	Fall/Spring 13-14	8
Fall/Spring 09-10	12	Fall/Spring 14-15	8
Fall/Spring 10 -11	8	Fall/Spring 15-16	10
Fall/Spring 11-12	8	Fall/Spring 16-17	10
Fall/Spring 12-13	8	Fall/Spring 17-18	12

College: An Introduction (PT1000) (1SH)

- Course coordinator for all 3-4 sections

Semester	# sections	Total # of students
Fall 2012	2	30
Fall 2013	2	31
Fall 2014	1	19
Fall 2015	2	31
Fall 2016	2	27
Fall 2017	2	29

Intro to Sports Medicine (PT1880) (4SH)

- New course I helped develop

Semester	# of students
Fall 2013	18
Fall 2014	22
Fall 2015	19
Fall 2016	18

Cardiopulmonary Management Lab (1SH)

Semester	# of students
Fall 2011	37

Northeastern University – Physician Assistant Program**Advanced Anatomy & Physiology (PA6200/PAG6200) (3SH)**

Semester	# of students	Semester	# of students
Fall 2003	31	Fall 2011	36
Fall 2010	34	Spring 2012	36

Northeastern University – Athletic Training Program**Evaluation: Lower Extremity Anatomy Lab (ATPU502/ATHT3502) (1SH)**

Semester	# of students	Semester	# of students
Fall 2007	12	Fall 2009	16
Fall 2008	20	Fall 2010	13

Evaluation: Upper Extremity Anatomy Lab (ATPU512/ATHT3512) (1SH)

Semester	# of students
Summer 2 2008	11
Summer 2 2009	19
Summer 2 2011	12

Evaluation: Head, Neck and Spine Anatomy Lab (ATPU522/ATHT3522) (1SH)

Semester	# of students	Semester	# of students
Summer 1 2007	12	Summer 1 2009	16
Summer 1 2008	19	Summer 1 2010	15

Northeastern University – Biology Department

Integrated Anatomy & Physiology

Integrated A&P 1 (BIO1162) - Quarters			Integrated A&P 2 (BIO1163) - Quarters		Integrated A&P 3 (BIO1164)- Quarters	
Semester	# of Students		Semester	# of Students	Semester	# of Students
Fall 2002	102		Spring 2002	62	Spring 2003	107
Winter 2003	49		Winter 2003	130		
			Summer 2003	65		
Integrated Anatomy & Physiology 1 (BIOU117) (4SH)			Integrated Anatomy & Physiology 2 (BIOU119) (4SH)			
Semester	# of sections	Total # students	Semester	# of sections	Total # students	
Fall 2003	2	160	Spring 2004	2	187	
Spring 2004	1	76	Spring 2005	2	278	
Summer 2004	1	14	Spring 2006	2	273	
Fall 2004	2	222	Spring 2007	2	198	
Summer 2005	1	11	Fall 2007	1	107	
Fall 2005	3	329	Spring 2008	2	201	
Fall 2006	2	249				
Spring 2007	1	125				
Fall 2007	2	230				
Fall 2008	2	234				
Fall 2009	2	198				

Human Organism (BIOU147) (4SH)

- New course I developed

Semester	# of students	Semester	# of students
Spring 2005	40	Fall 2006	46
Spring 2006	44	Spring 2007	47

Human Reproduction (BIOU149) (4SH)

Semester	# of students	Semester	# of students
Fall 2002	44	Fall 2003	51
Winter 2003	59	Fall 2004	50

Northeastern University – College of Professional Studies

Anatomy & Physiology

- 3-part course

Semester	Course	# students
Winter 2003	A&P 2	31
Winter 2003	A&P 1	37
Winter 2005	A&P 2	25
Winter 2005	A&P 1	20
Winter 2006	A&P 1	21
Winter 2006	A&P 2	25
Winter 2007	A&P 1	43
Spring 2011	A&P 2	10 **online
Spring 2011	A&P 2	15

Summer 2011	A&P 2	12 **online
Fall 2011	A&P 1	9 **online

Endocrinology

Semester	# of students
Fall 2004	~10
Spring 2004	7
Spring 2005	5

Simmons College – Physical Therapy Program**Frameworks for Physical Therapy: Neuromuscular 1 (PT734) (9 Credits)**

- 2 semester long course

Semester	# of students	Semester	# of students
Spring/Summer 2007	25	Spring/Summer 2009	34
Spring/Summer 2008	30	Spring/Summer 2010	37

Advanced Human Anatomy (PT622) (6 Credits)

- Included a dissection based lab with 3 teaching assistants I oversaw

Semester	# of students	Semester	# of students
Summer 2006	32	Summer 2009	31
Summer 2007	29	Summer 2010	51
Summer 2008	46		

Advising**Thesis Committee**

1. Kamali, Matin, "Semiautomatic neuron segmentation and identification in zebrafish brainstem" (2008). *Electrical and Computer Engineering Master's Theses*. Paper 23.
<http://hdl.handle.net/2047/d10017926>

Supervision of Undergraduate Honor Students

1. Erika Moran, Mary Poletti, Jessica Rihm "Use and Effectiveness of Gross Anatomy Supplemental Online Video Learning Modules in First Year Physical Therapy Students." (2017-18) Honors Junior/Senior Project.
2. Lauren Sterlin "Analysis of Dissection Methods to Facilitate Student understanding of Knee Ligaments." (2016-17) Honors Junior/Senior Project.
3. Beth Dardick, Alyssa Fusco, Matthew Kimball, Kristin Rouleau, "A cadaveric case study related to the management and rehabilitation of a total knee arthroplasty." (2015-16) Honors Junior/Senior Project.
4. Elise Jackson, Michelle Poirier, Courtney Thompson, "A cadaveric case study on the anatomical differences and rehabilitation concerns following shoulder replacement" (2015-16) Honors Junior/Senior Project.
5. Luke Lindsay-Brisbin, Sarah Hallock, Jessica Chattin, "A Cadaveric Case study of Bilateral Total Hip Arthroplasty." (2014-15) Honors Junior/Senior Project.
6. Katherine Wingate "Flipped Classroom Learning in a Gross Anatomy Lab." (2013-14) Honors Junior/Senior Project.

7. Reimer, Elizabeth; Laurenzano, Heather; and Tages, Melissa, "Gross anatomy survey: how do physical therapy schools in the United States teach gross anatomy?" (2012-13). Honors Junior/Senior Projects. Paper 89. <http://hdl.handle.net/2047/d20003259>

Service and Professional Development

Services to Northeastern University:

Department:

1. **Newsletter**, Editor, 2012-2014, 2016– 2017
2. **Graduate Admissions Committee**, Member, 2009 – 2017
3. **Academic Standing Committee**
 - a. Member, 2008 –2011; 2017– Present
 - b. Chair, 2010 –2011
4. **Clinical Promotion Committee**, Member, 2017 – Present
5. **Outcomes Committee**, Member, 2014-2017
6. **PT Administrative Council**, Member, 2011- 2016
7. **Curriculum Committee**, Member, 2012 –2014
8. **Search Committee**
 - a. Member, 2010 –2012; 2014- 2014; 2015- 2016
 - b. Chair, 2011 –2012
9. **Curriculum Task Force**, Member, 2009 –2010

College:

1. **Academic Affairs Committee**
 - a. Chair - 2015- present
 - b. Member- 2014 – present
2. **First-Year Bouve Seminar**, Department Coordinator, 2011 – Present
3. **Dean's Leadership Team**, 2011 –2016
4. **Honors in the Discipline**, PT Dept. coordinator, 2011 – 2016
5. **Admissions Events Committee**, 2014 – 2016
6. **Clinical Promotion Committee for Communication Disorders Dept.** (Fall 2015)

University-Wide:

1. **University Classroom Committee**, Member, 2017 – Present
2. **Center for Advancing Teaching and Learning Through Research, Liaison Network**, Member, 2017-present
3. **University Graduate Appeals Resolution Committee**, Chair, 2016-2017
4. **University Honors Program, Steering Committee**, 2016-2017
5. **University ITS Strategic Plan – Teaching and Learning subgroup**, 2015-2016
6. **Zaption Pilot Group**, 2015-2016
7. **Advancing Undergraduate Teaching and Learning Initiative Grant Review**, 2014, 2015
8. **Faculty advisory board for Center for Advancing Teaching and Learning Through Research**, 2013- 2016
9. **Excellence in Teaching Award Committee, Member**, 2010,2011, 2012
10. **Blackboard 9.0 Pilot Committee, Member**, 2010- 2010
11. **Clicker Pilot Task Force, Member**, 2009
12. **Center for Global Collaboration & Learning Task Force**, Member, 2009-2010

Service to the Profession:

1. **Commission on Accreditation in Physical Therapy Education (CAPTE)**, Site visitor, January 2014– Present
2. **Human Anatomy Physiology Society (HAPS)**
 - a. Membership Committee, Chair, July 2016 – Present
 - b. Steering Committee, Member, June 2009 – June 2012, July 2016-present
 - c. Board of Directors, Eastern Regional Director, July 2014 -2016
 - d. Cadaver Use Committee, Chair, June 2009 – June 2012

Service as a Peer Reviewer:

1. External Reviewer; Promotion at Louisiana State University, Wanda Hargroder, 2016
2. Review Panel, Patton K, Thibodeau G, Douglas M. *Essentials of Anatomy & Physiology*, 1st ed. St. Louis, MO: Mosby, Inc.; 2011.
3. Review Panel, Thibodeau G and Patton K. *The Human Body in Health & Disease*. 5th ed, St. Louis, MO: Mosby, Inc.; 2010.
4. Advisory Panel Member, Digital Content in: *Anatomy and Physiology Revealed 2.0*. McGraw-Hill Publishing, 2009.

Service to Community:

1. **Daily Bread Food Pantry** – Milford, MA – Volunteer 2007-present

Organized Workshops in Anatomy Lab:

1. Baystate College - Physical Therapy Assistant Program (Jan 2009, Apr 2009, Dec 2009, Feb 2011, Mar 2011, Oct 2011, Dec 2013, March 2015, March 2016, Oct 2017)
2. Salter College – Medical Assisting, Massage Therapy Programs (Oct 2013, Feb 2014, June 2014, May 2015, Sept 2015, May 2016)
3. Lasell College – Athletic Training, Exercise Science, Sport management majors (Apr 2009, May 2010, Oct 2011, Apr 2012, Apr 2013, Apr 2014, April 2015)
4. Simmons College - Physical Therapy Program (May 2010)
5. Bridgewater State University – Athletic Training Program (Apr 2014, April 2015, April 2016)
6. Governor’s Academy – Senior High school students in a honors curriculum (Apr 2009, Apr 2010, Apr 2011)
7. Brigham and Women’s Rheumatoid Fellows (March 2013)

Professional Development:**Certifications:**

Certified Strength and Conditioning Specialist (CSCS) - National Strength and Conditioning Association (NSCA) – Certified since 1999

Membership in Professional Organizations:

1. American Association of Clinical Anatomists – Member Since 2010
2. Human Anatomy and Physiology Society – Member since 2003
3. American Association of Anatomists – Member Since 2009
4. Educause – Member since 2008
5. Society For Neuroscience – Member 2007-2011
6. National Strength and Conditioning Association – Member since 1998

Continuing Education Attended:

1. American Physical Therapy Association (APTA) NEXT Conference & Exposition, June 21-24, 2017, Boston, MA
2. Human Anatomy & Physiology Society - Annual Conference, May 24-28, 2016, Salt Lake City, UT
3. Experimental Biology – American Association of Anatomist – Annual Conference, April 22-26, 2017, Chicago, IL
4. Human Anatomy & Physiology Society - Annual Conference, May 21-25, 2016, Atlanta, GA
5. Human Anatomy & Physiology Society - Annual Conference, May 23-28, 2015, San Antonio, TX
6. Experimental Biology – American Association of Anatomist – Annual Conference, March 28-April 1, 2015, Boston, MA
7. Human Anatomy & Physiology Society - Annual Conference, May 25–29, 2014, Jacksonville, FL
8. American Physical Therapy Association - Combined Sections Meeting, Feb. 3-6, 2014 Las Vegas, NV
9. American Physical Therapy Association - Educational Leadership Conference, Oct 4-6, 2013 Portland, OR
10. Human Anatomy & Physiology Society - Annual Conference, May 25 – 29, 2013 Las Vegas, NV
11. American Association of Anatomist – Annual Conference, April 20-24, 2013 Boston, MA

12. Human Anatomy & Physiology Society - Annual Conference, May 26 – 31, 2012 Tulsa, OK
13. Certificate course on Fundamentals of E-Learning; Northeastern Univ. Online, March 3, 2011
14. American Association of Anatomist – Annual Conference, April 9-12, 2011 Washington, DC
15. Human Anatomy & Physiology Society - Annual Conference, May 29 – June 3, 2010 Denver, CO
16. Human Anatomy & Physiology Society - Annual Conference, May 23-28, 2009 Baltimore, MD
17. Human Anatomy & Physiology Society - Annual Conference, May 26-30, 2007 San Diego, CA

Academic Awards:

National Awards:

- | | |
|------|---|
| 2017 | Sam Drogo Technology in Classroom Award, Human Anatomy Physiology Society - Recipient |
| 2015 | Thieme Excellence in Teaching Award, Human Anatomy Physiology Society – Nominated |
| 2005 | Who’s Who among America’s Teachers – 9 th edition |

University Awards:

- | | |
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| 2014, 2015, 2016 | Bouve Distinguished Educator Award, Northeastern University - Nominated |
| 2014 | Innovation in Teaching Award, Physical Therapy Department, Northeastern University - Recipient |
| 2009 | Excellence in Teaching Award, Northeastern University - Recipient |
| 2007, 2008, 2010 | Excellence in Teaching Award, Northeastern University - Nominated |
| 2004, 2005, 2006 | Effective or Innovative Use of Technology in Teaching Award, Northeastern University - Recipient |