



Physical Therapy

SCHOOL OF MEDICINE

UNIVERSITY OF COLORADO  
ANSCHUTZ MEDICAL CAMPUS

## CURRICULUM VITÆ

### **Mike Pascoe, PhD**

University of Colorado Anschutz Medical Campus, Physical Therapy Program  
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#### Education:

University of Colorado, Department of Integrative Physiology, Boulder, CO  
2007-2010

Neurophysiology

Dissertation: [\*Age-associated differences in discharge rate modulation of motor units\*](#)

Advisor: Roger Enoka, PhD

Doctor of Philosophy (PhD)

University of Colorado, Department of Integrative Physiology, Boulder, CO  
2005-2006

Neurophysiology

Thesis: *Discharge characteristics of motor units during long-duration contractions*

Advisor: Roger Enoka, PhD

Master of Science (MS)

University of Colorado, Department of Kinesiology, Boulder, CO  
2000-2004

Kinesiology

Bachelor of Arts (BA)

#### Employment and Positions Held:

Assistant Professor

University of Colorado Physical Therapy Program

Aurora, CO

July 2015-present

Senior Instructor

University of Colorado Physical Therapy Program

Aurora, CO

Feb 2011-Jun 2015

Graduate Teaching Assistant

Neurophysiology of Movement Lab

Department of Integrative Physiology, University of Colorado

Boulder, CO

2005-2010

Graduate Research Assistant  
Neurophysiology of Movement Lab  
Department of Integrative Physiology, University of Colorado  
Boulder, CO  
2005-2010

Professional Research Assistant  
Neurophysiology of Movement Lab  
Department of Kinesiology, University of Colorado  
Boulder, CO  
Fall 2004

Scholarly Agenda:

My scholarly efforts center around the investigation of constructivist approaches in technology-enabled learning environments (e.g., wiki usage, interactive modules, cadaver skin examination, etc..) to improve learning outcomes in anatomy courses.

Peer Reviewed Publications:

Pascoe MA, Robertson EK. Utilization and perception of live-blogging coverage of an international manual physical therapy conference. *J Manual & Manip Ther*, under review.

Monroe F, Macfarlane H, Pascoe MA. A student-created wiki for collaborative medical education. *JMIR: Medical Education*, under review.

Pascoe MA, Lee MJL. Incorporation of Light Field Photography into an Online Anatomy Resource Does Not Influence Student Quiz Performance or Perceptions of Usability *Med Sci Educ*. 2017 [Sep;27\(3\):465-474](#).

Pascoe MA, Holmes MR, Stuart DG, Enoka RM. Discharge characteristics of motor units during long duration contractions. *Exp Physiol*. 2014 [Oct;99\(10\):1387-1398](#). [Altmetric 22](#)

Pascoe MA, Gould JR, Enoka RM. Motor unit activity when young and old adults perform steady contractions while supporting an inertial load. *J Neurophysiol*. 2013 [Feb;109\(4\):1055-1064](#).

Pascoe MA, Holmes MR, Enoka RM. Discharge characteristics of biceps brachii motor units at recruitment when older adults sustained an isometric contraction. *J Neurophysiol*. 2011 [Feb;105\(2\):571-581](#).

Marmon AR, Pascoe MA, Schwartz RS, Enoka RM. Associations among strength, steadiness, and hand function across the adult life span. *Med Sci Sports Exerc*. 2011 [Apr;43\(4\):560-567](#).

Barry BK, Pascoe MA, Riek S, Carson RG, Enoka RM. Common input to different regions

of biceps brachii long head. *Exp Brain Res*. 2009 [Mar:193\(3\):351-9](#).

Barry BK, Riley ZA, [Pascoe MA](#), Enoka RM. A spinal pathway between synergists can modulate activity in human elbow flexor muscles. *Exp Brain Res*. 2008 [Sep:190\(3\):347-59](#).

Barry BK, [Pascoe MA](#), Jesunathadas M, Enoka RM. Rate coding is compressed but variability is unaltered for motor units in a hand muscle of old adults. *J Neurophysiol*. 2007 [May:97\(5\):3206-18](#).

Shinohara M, Moritz CT, [Pascoe MA](#), Enoka RM. Prolonged muscle vibration increases stretch reflex amplitude, motor unit discharge rate, and force fluctuations in a hand muscle. *J Appl Physiol*. 2005 [Nov:99\(5\):1835-42](#).

Moritz CT, Barry BK, [Pascoe MA](#), Enoka RM. Discharge rate variability influences the variation in force fluctuations across the working range of a hand muscle. *J Neurophysiol*. 2005 [May:93\(5\):2449-59](#).

#### Peer Reviewed Scientific and Professional Presentations (Posters/Panels):

[Pascoe MA](#), Niehuas W. Technology within spine and pain practice. American Academy of Physical Medicine and Rehabilitation Annual Assembly. Denver, CO; Oct 12-15, 2017.

[Pascoe MA](#), Meyer AJ, Morton D. Active Learning: Getting your health profession students to engage! Roundtable Session. American Association of Anatomists Annual Meeting. Chicago, IL; Apr 22-26, 2017.

[Pascoe MA](#). Healthcare profession student internet usage in the gross anatomy lab setting. Education Scholarship & Innovation Symposium, Academy of Medical Educators, School of Medicine, University of Colorado Anschutz Medical Campus. Aurora, CO; Jan 31, 2017.

[Pascoe MA](#), Lee LMJ. Potential of "Living" Photography in an Online Anatomy Resource to Improve Students' 3D Spatial Understanding. American Association of Anatomists Annual Meeting. San Diego, CA; Apr 2-5, 2016.

Diouf JR, [Pascoe MA](#), Ringel SP. Creation of a learning module for healthcare graduate students on ALS. American Association of Anatomists Annual Meeting. San Diego, CA; Apr 2-5, 2016.

Bergden J, Caldwell JH, [Pascoe MA](#), Hughes WF. Dementia in 3D: A case-based instructional module exploring the impact of cerebral vascular anatomy in subcortical pathology leading to dementia. Society for Neuroscience Meeting. Chicago, IL; Oct 2015. Abstract published in Society for Neuroscience Abstracts.

Lowenthal PR, Dunlap JC, Dobrovolny J, Feyissa S, [Pascoe MA](#). Getting graphic about infographics: An analysis of popular infographics. Association for Educational Communications and Technology International Convention, Anaheim, CA; Oct 29-Nov 2, 2013.

Pascoe MA, Robertson EK. Utilization and perception of live-blogging coverage of an international manual therapy conference. American Academy of Orthopedic Manual Physical Therapists Annual Meeting, Cincinnati, OH; Oct 16-20, 2013.

Lee LMJ, Pascoe MA. Development and evaluation of a digital anatomy resource with multi-focal plane, interactive images. American Association of Clinical Anatomists Annual Meeting, Denver, CO; Jul 9-13, 2013.

Monroe F, MacFarlane H, Pascoe MA. Student-created wiki for collaborative medical education. University of Colorado, School of Medicine, Mentored Scholarly Activity Presentations, Aurora, CO; Mar 7, 2013.

Pascoe MA, Davenport T, Noteboom T, Bise C, Elliott J. Follow us! Lessons learned using social media in PT programs. American Physical Therapy Association Combined Sections Meeting, San Diego, CA; Jan 23, 2013.

Pascoe MA, Gould JR, Enoka RM. Motor unit activity at recruitment when young and old adults support compliant loads. American College of Sports & Medicine Meeting, Denver, CO; Jun 2011. Abstract published in Medicine and Science in Sports and Exercise. 2011 May;43(5):614.

Pascoe MA, Holmes MR, Stuart DG, Enoka RM. Discharge characteristics of motor units during long duration contractions performed by young and old adults. Society for Neuroscience Meeting. Chicago, IL; Nov 2009. Abstract published in Society for Neuroscience Abstracts.

Pascoe MA, Holmes MR, Gaw ME, Enoka RM. Motor unit recruitment in the biceps brachii of older adults during a fatiguing contraction. Society for Neuroscience Meeting. Washington D.C.; Oct 2008. Abstract published in Society for Neuroscience Abstracts.

Jordan K, Pascoe MA, Riley ZA, Enoka RM. The regularity of motor unit discharge during steady contractions can vary with age. Society for Neuroscience Meeting. Washington D.C.; Oct 2008. Abstract published in Society for Neuroscience Abstracts.

Marmon AR, Pascoe MA, Enoka RM. Associations between force steadiness and tests of hand function across the adult life span. Society for Neuroscience Meeting. Washington D.C.; Oct 2008. Abstract published in Society for Neuroscience Abstracts.

Pascoe MA, Holmes MR, Gaw ME, Enoka RM. Motor unit recruitment in the biceps brachii of older adults during a fatiguing contraction. Mechanisms of Plasticity and Disease in Motoneurons, Seattle, WA; June, 2008.

Pascoe MA, Enoka JA, Enoka RM. Discharge characteristics of motor units during long contractions. Society for Neuroscience Abstracts 2006.

Riley ZA, Barry BK, Pascoe MA, Enoka RM. Modulation of afferent pathways is task specific but not muscle specific between the elbow flexors. Society for Neuroscience

Abstracts 2006.

Jesunathadas M, Barry BK, Pascoe MA, Enoka RM. Validating the Fuglevand model of motor unit recruitment and rate coding for young and old adults. Society for Neuroscience Abstracts 2006.

Pascoe MA, Enoka JA, Enoka RM. Discharge characteristics of motor units during long contractions. Motoneurons and their Firing Patterns, Copenhagen, Denmark; July, 2006.

Jesunathadas M, Barry BK, Pascoe MA, Enoka RM. Variability of motor unit discharge during isometric contractions in young and old adults. Motoneurons and their Firing Patterns July, 2006.

Pascoe MA, Barry BK, Riley ZA, Enoka RM. Identifying the source of radial nerve afferents that inhibit biceps brachii. Medicine and Science in Sports and Exercise. 2006 May;38(5):S367.

Riley ZA, Barry BK, Pascoe MA, Enoka RM. Task-dependent modulation of afferent pathways between elbow flexor muscles. Medicine and Science in Sports and Exercise. 2006 May;38(5):S368.

Barry BK, Pascoe MA, Enoka RM. Discharge rate characteristics of motor units in a hand muscle of older adults. Society for Neuroscience Abstracts #397.15, 2005.

Barry BK, Pascoe MA, Riek S, Carson RG, Enoka RM. Motor unit synchronization is greater within than between functional regions of biceps brachii. Progress in Motor Control IV, Pennsylvania State University, August 17-20, 2005.

Moritz CT, Barry BK, Pascoe MA, Enoka RM. Discharge rate variability is responsible for the variation in force fluctuations across the working range of a hand muscle. XXXV International Congress of Physiological Sciences #696, San Diego, CA, March 31-April 5, 2005.

Kornatz KW, Semmler JG, Pascoe MA, Meyer FG, Enoka RM. Correlated motor unit activity has only a minor influence on the fluctuations in acceleration during anisometric contractions. Society for Neuroscience Abstracts #123.4, 2004.

Kornatz KW, Semmler JG, Meyer FG, Poston BS, Pascoe MA, Enoka RM. Correlated motor unit discharge is similar in young and old adults for slow concentric, but not eccentric, contractions of a hand muscle. Society for Neuroscience Abstracts #914.7, 2003.

Non-Peer Reviewed Presentations (Invited Lectures):

Interviewed, "What Does Google Glass Have To Do With Cadavers?" by Dr. James Pickering, The Anatomy Education Podcast, Supported by the American Association of Anatomists, [Episode 14](#), Dec 3, 2017

Pascoe MA. Integrating technology into the classroom: Flipped classroom format. ANAT 6411 - Teaching and Communication in Biomedical Sciences, Modern Human Anatomy Program, University of Colorado, Anschutz Medical Campus, Aurora, CO; Oct 9, 2017.

Pascoe MA. Integrating technology into the classroom. ANAT 6411 - Teaching and Communication in Biomedical Sciences, Modern Human Anatomy Program, University of Colorado, Anschutz Medical Campus, Aurora, CO; Nov 28, 2016. [Link to slides](#)

Pascoe MA. Snapchat in the classroom. CU Online App Hour Webinar, University of Colorado Denver, Oct 20, 2016. Link to webinar [Link to slides](#)

Pascoe MA. Dissecting innovations in graduate anatomy education. Spring 2016 Seminar Series, Dept of Health & Exercise Science, College of Health & Human Sciences, Colorado State University, Fort Collins, CO; [Feb 26, 2016](#). [Link to slides](#)

Pascoe MA. Incorporating technology into the classroom. ANAT 6411 - Teaching and Communication in Biomedical Sciences, Modern Human Anatomy Program, University of Colorado, Anschutz Medical Campus, Aurora, CO; Oct 28, 2015. [Link to slides](#)

Pascoe MA. Dissecting social media use in physical therapy. APTA California Chapter Annual Conference, Pasadena, CA; Sept 27, 2015. [Link to slides](#)

Pascoe MA. Leveraging current trends in educational technology. Staff Meeting, MIRECC, Denver Veterans Affairs Hospital, Denver, CO; Jan 20, 2015. [Link to slides](#)

Pascoe MA. Leveraging current trends in educational technology. Grand Rounds, Physical Medicine & Rehabilitation, University of Colorado, Anschutz Medical Campus, Aurora, CO; Jan 7, 2015. [Link to slides](#)

Pascoe MA. Web-based tools for today's researcher. Professional Skills in Academia, Rehabilitation Sciences PhD Program, Physical Therapy Program, University of Colorado, Anschutz Medical Campus, Aurora, CO; Oct 28, 2014. [Link to slides](#)

Pascoe MA. MSMHA Capstone Overview. Modern Human Anatomy Seminar Series, University of Colorado, Anschutz Medical Campus, Aurora, CO; Sept 4, 2014. [Link to video](#)

Pascoe MA. Overview of human anatomy & the art of dissection. Mini Medical School, University of Colorado, Anschutz Medical Campus, School of Medicine, Aurora, CO; Aug 15, 2014.

Interviewed, "What Does Google Glass Have To Do With Cadavers?" by Michael Edwards and David Lyons, CU Online Podcast, [Episode 001](#), Jun 27, 2014

Pascoe MA. The Healthcare Hashtag Project. Health Sciences Library Staff Meeting, University of Colorado, Anschutz Medical Campus, Aurora, CO; May 6, 2014.

Pascoe MA. Development and Evaluation of a Modular Anatomy Resource Utilizing Innovative Camera Technology. Modern Human Anatomy Seminar Series, University of Colorado, Anschutz Medical Campus, Aurora, CO; Apr 9, 2014. [Link to slides](#)

Pascoe MA. Charge it, point it, zoom it, press it: a #PTTech update. Manipalooza, Evidence in Motion, University of Colorado, Anschutz Medical Campus, Aurora, CO; May 18, 2013. [Link to video](#)

Pascoe MA. Overview of human anatomy & the art of dissection with a historical perspective. BA/BS-MD Program, University of Colorado, Anschutz Medical Campus, Aurora, CO; Mar 7, 2013.

Pascoe MA. Social Media and the Modern Human Anatomist: Reach, Teach, Learn. Masters of Science in Modern Human Anatomy Proseminar Series, University of Colorado, Anschutz Medical Campus, Aurora, CO; Feb 21, 2013. [Link to slides](#)

Pascoe MA. Financial Life Beyond PT School. Panel: Financial Literacy and Management for DPT Students. Regis University, Denver, CO; Jan 16, 2013.

Pascoe MA. Disruption from external forces: social media and changes in anatomy teaching. Panel: Disruptive innovation in education. 1<sup>st</sup> Annual Educational Scholarship and Innovations Symposium, Fulginiti Pavilion, University of Colorado, Anschutz Medical Campus, Aurora, CO; Nov 12, 2012.

Pascoe MA. Ars medicina: the art of healing through social media. The Arts in Medicine Lecture Series, Fulginiti Pavilion, University of Colorado, Anschutz Medical Campus, Aurora, CO; Nov 12, 2012. [Link to slides](#)

Pascoe MA. Get connected! Expanding your knowledge & reach using social media. APTA Colorado Chapter 22<sup>nd</sup> Annual Fall Symposium, Arvada Center, Arvada, CO; Nov 10, 2012. [Link to slides](#)

Pascoe MA. How to improve your teaching using emerging technology. Grand Rounds, Physical Medicine & Rehabilitation, University of Colorado, Anschutz Medical Campus, Aurora, CO; Sep 5, 2012. [Link to slides](#)

Pascoe MA. Web-based tools for today's researcher. Professional Skills in Academia, Rehabilitation Sciences PhD Program, Physical Therapy Program, University of Colorado, Anschutz Medical Campus, Aurora, CO; Aug 29, 2012.

Pascoe MA. iPad as a lecture delivery tool. CU Online Spring Symposium, Tivoli Student Union, Denver, CO; May 17, 2012. [Link to video](#)

Pascoe MA. Getting started with papers. Health Sciences Library, University of Colorado, Anschutz Medical Campus, Aurora, CO; Mar 27, 2012. [Link to video](#)

Pascoe MA. Overview of human anatomy & the art of dissection with a historical perspective. BA/BS-MD Program, University of Colorado, Anschutz Medical Campus,

Aurora, CO; Nov 17, 2011. [Link to video](#)

Pascoe MA. Web-based tools for today's researcher. Professional Skills, Department of Integrative Physiology, University of Colorado, Boulder, CO; Nov 14, 2011. [Link to video](#)

Pascoe MA. Social media & physical therapy. APTA Colorado Chapter Mile High District Sponsored Event, Regis University, Denver, CO; Jun 15, 2011. [Link to video](#)

Pascoe MA. The ultimate gift: donating your body to science. TEDxBoulder, Chautauqua Auditorium; Aug 7, 2010. [Link to video](#)

Pascoe MA. Motor unit function as the foundation of human movement. Physical Therapy Program, University of Colorado, Anschutz Medical Campus, Aurora, CO; Jul 9, 2010. [Link to video](#)

Pascoe MA. Age-associated changes in the final common pathway. Department of Integrative Physiology Seminar, University of Colorado, Boulder, CO; Apr 29, 2010. [Link to video](#)

Pascoe MA. Web-base resources for today's researcher. Professional Skills, Department of Integrative Physiology, University of Colorado, Boulder, CO; Sep 14, 2009. [Link to video](#)

Pascoe MA. Presenting your data. Online Presentation, Dept of Integrative Physiology, University of Colorado, Boulder, CO; May 14, 2009. [Link to video](#)

#### Funded/In Review Grant Activity:

Lee LMJ (PI), Pascoe MA (Co-PI). University of Colorado, Anschutz Medical Campus, School of Medicine, Academy of Medical Educators, Rymer Small Grants Program, 2012-2015. Development and Evaluation of a Modular Anatomy Resource Utilizing Innovative Camera Technology. \$3,500.

Schwartz RS (PI), Enoka RM (faculty mentor), Pascoe MA (pre-doctoral fellow). University of Colorado Health Sciences Center Aging Training Grant 5T32-AG000279-08, 2008-2010. An institutional training grant to fund pre- and post-doctoral trainees at two University of Colorado campuses. Grant awarded to pre-doctoral trainees based on a competitive application process.

#### Other Scholarly Activities:

Member, 2019 Cohort of the Teaching Scholars Program, Academy of Medical Educators, School of Medicine, University of Colorado Anschutz Medical Campus

Contributing Author, [PT Think Tank](#), 2010-present

Faculty Curator, [School of Medicine Wiki](#), 2011-present

Reviewer, [Medical App Journal](#), 2011-2015



Advisory Member, [kenHub Anatomy Trainer](#), 2013-present

Founding Contributor, [Anatomy Tree](#), 2013-present

Discussed "Teaching Anatomy with Technology" with visiting anatomy instructor Lucinda Bouillon, University of Findlay, Mar 18, 2014

Interviewed, "A PT Primer on Medical Marijuana: What a PT needs to know." by Keith Loria, *PT in Motion Magazine*, under revision, expected Jan 2018

Interviewed, "Why social media matters for physiotherapists." by Erik Froese, *InMotion*, Australian Physiotherapy Association, [Sept 2011](#)

#### Continuing Education Workshops Organized:

Kruk E, Robeson K, James D, [Pascoe MA](#). Anatomy Joint Prosection Presentation Day, CU Marquette Challenge Fund Raising Event, University of Colorado Anschutz Medical Campus, Aurora, CO; Aug 5, 2017.

[Pascoe MA](#). Document Camera Use in the Lecture Hall, Physical Therapy Program Faculty, University of Colorado Anschutz Medical Campus, Aurora, CO; Jan 22, 2016.

Edwards M, Gasell C, [Pascoe MA](#). Student Cheating, Academy of Medical Educators, University of Colorado, Anschutz Medical Campus, Aurora, CO; Dec 2, 2014.

Epstein E, [Pascoe MA](#), Cardenas W, Desantis M, Houghton V, Langdon A, Miller D, Ortiz S, Perry J, Williams L, Finkelstein G. Celebrating the 500th Birthday of Andreas Vesalius, Health Sciences Library, University of Colorado, Anschutz Medical Campus, Aurora, CO; Nov 19, 2014.

[Pascoe MA](#). Making Modules with Mike, Physical Therapy Program, University of Colorado, Anschutz Medical Campus, Aurora, CO; May 15, 2014.

Robertson EK, Gagnon K, [Pascoe MA](#). Teaching and Learning in a Digital Age: Using Technology to Enhance Physical Therapy Education, Combined Sections Meeting of the APTA, Las Vegas, NV; Feb 3, 2014.

[Pascoe MA](#). Getting Started with Papers, Health Sciences Library, University of Colorado, Anschutz Medical Campus, Aurora, CO; March 27, 2012. [Link to video](#)

Johnson CJ, Bookstein NA, [Pascoe MA](#). Upper Extremity Anatomy in Hi-Def, Denver Hand Special Interest Group. University of Colorado, Anschutz Medical Campus, Aurora, CO; May 2011.

#### Membership in Scientific/Professional Organizations:

Member, American Association of Anatomists, 2011-present

Faculty Partner Member, American Physical Therapy Association, 2011-present

Member, American Physiological Society, 2004-2015

Consultative and Advisory Positions Held:

Manuscript Reviewer:

- *Journal of Applied Physiology*, 2010-2011
- *Experimental Brain Research*, 2010
- *Acta Physiologica*, 2010
- *Journal of Motor Behavior*, 2011

Scientific Meeting Social Media Correspondent:

- *Society for Neuroscience Annual Meeting*, 2009
- *Manipalooza Conference*, 2011
- *AAOMPT Annual Conference*, 2011
- *APTA Combined Sections Meeting*, 2012
- *IFOMPT International Conference*, 2012

Member, Social Media Task Force, APTA Colorado Chapter, 2012

Member, Student Social Media Guideline Development Working Group, University of Colorado, School of Medicine, 2012-present

Participant, Virtual Simulation in Nursing, Physical Therapy, and Pharmacy Education: Stakeholder Meeting, Regis University, Denver, CO; Jan 31, 2013

Member, New Website Development Task Force, AAA, September 2014

Began initiative to celebrate the 500th anniversary of the birth of Andreas Vesalius with the University of Colorado Health Sciences Library, Nov 19, 2014.

Community Service, Positions Held:

Member, Board of Directors, Kids First Health Care, Commerce City, CO, Aug 2013-present

Member, Board of Directors, Westminster Area Community Awareness Action Team, Westminster, CO, May 2014-present

Chairman, Board of Directors, Westminster Area Community Awareness Action Team, Westminster, CO, July 2012 – May 2014

Secretary, Board of Directors, Westminster Area Community Awareness Action Team, Westminster, CO, 2007 – July 2012

Community Service, Events Hosted/Attended:

Guest lecture, Anatomy on the Anschutz Medical Campus, 60 students, Peak to Peak Charter School, Lafayette, CO; Apr 14, 2017

Cadaver lab field trip, 10 students from Cornerstone Christian Academy, Westminster, CO; Mar 2, 2017

Cadaver lab field trip, 24 students participating in the CU Science Discovery Med School Experience; Aug 5, 2016

Guest lecture, Anatomy on the Anschutz Medical Campus & Upper Extremity Anatomy, Medical Professions Summer Camp, School of Medicine, Anschutz Medical Campus, Jun 22, 2016

Cadaver lab field trip, 4 students from Cornerstone Christian Academy, Westminster, CO; Feb 8, 2016, [AAA Newsletter Coverage](#), April 2016

Cadaver lab field trip, 17 students participating in the CU Science Discovery Med School Experience; Jul 29, 2015

Cadaver lab field trip, 6 students from Cornerstone Christian Academy, Westminster, CO; Oct 31, 2014

Cadaver lab field trip, 15 students from Cornerstone Christian Academy, Westminster, CO; Dec 3, 2012

9 Health Fair, Physical Therapy Screening, Station Assistant, Denver, CO, 2011

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

Secretary Treasurer, Colorado State Anatomical Board, Feb 2018-present

Assistant Secretary, Colorado State Anatomical Board, Feb 2015-Jan 2018

Director, PT Social Media, Nov 2011-present

Member, PT Scheduling Task Force, 2012-present

Member, PT Professional Portfolio Task Force, 2012-present

Member, Communication Committee, Aug 2013-present

Chair, Communication Committee, Aug 2012-Aug 2013

Member, CU Online Innovator Award Committee, 2016-present

Service on Student Project Committees:

Member, Comprehensive Exam & Dissertation Committees, Rehabilitation Science Program, Physical Therapy Program, student Brian Loyd; Dec 2015-Nov 2017

Capstone Project Mentor, Modern Human Anatomy Program, Cell & Developmental Biology, student Kourtney Betts; Jun 2015-May 2016

Capstone Project Mentor, Modern Human Anatomy Program, Cell & Developmental Biology, student Johnna Diouf; Jun 2015-May 2017

#### Honors and Awards:

Kaiser Permanente Outstanding Basic Science Teacher, School of Medicine, May 2015

CUOnline Innovator Award, May 2015. [Coverage](#)

Artwork selected for inclusion in [The Human Touch](#), Volume 8, 2015. [Link to PDF](#)

Artwork selected as cover image for Experimental Physiology, [October 2014; 99 \(10\)](#)

Artwork selected as cover image for Journal of Neurophysiology, [February 2011; 105 \(2\)](#)

AmeriCorps Service Scholarship, University of Colorado, Boulder (\$1,000), 2008-2009

Dean's List, University of Colorado, Boulder, CO, 2003-2004

#### Continuing Education Attended:

Practical Strategies to Become an Adaptive Expert, Academy of Medical Educators, University of Colorado Anschutz Medical Campus, Aurora, CO; Oct 16, 2017

Junior Faculty Career Promotion Retreat, School of Medicine, University of Colorado Anschutz Medical Campus, Aurora, CO; Jun 2, 2017

Submitting to MedEdPORTAL: A Hands-On Workshop, Academy of Medical Educators, University of Colorado Anschutz Medical Campus, Aurora, CO; Mar 16, 2017

Teaching Strategies to Promote Active Student Engagement and Better Learning, Graduate School, University of Colorado Anschutz Medical Campus, Aurora, CO; Mar 7, 2017

Analytics in Decision-Making: Learners, Learning & Life, Academy of Medical Educators, University of Colorado Anschutz Medical Campus, Aurora, CO; Oct 18, 2016

Visible Human Dissector and Sectra Table User's Meeting, University of Colorado Anschutz Medical Campus, Aurora, CO; Jul 14, 2016

CU Online Spring Symposium, Student Commons Building, Auraria Campus, Denver, CO; May 19, 2016

Active Learning: Three Easy Ways to Bring Active Learning into your Lecture, Academy of Medical Educators, University of Colorado Anschutz Medical Campus, Aurora, CO; Apr 11, 2016

Copyright: Fact or Fiction, Health Sciences Library, University of Colorado Anschutz Medical Campus, Aurora, CO; Apr 7, 2016

Annual Conference of the American Association of Anatomists, San Diego, CA; Apr 2-5, 2016

Combined Sections Meeting of the APTA, Anaheim, CA; Feb 17-20, 2016

Winter Web Camp, CUOnline, Denver, CO; Jan 14, 2016

Grant Writing Basics for Health Professions Educators, Faculty Development, Academy of Medical Educators, University of Colorado Anschutz Medical Campus, Aurora, CO; Oct 20, 2015

CU Online Spring Symposium, Liniger Building, CU South Denver, Parker, CO; May 20, 2015

New Faculty Career Development Workshop, School of Medicine, University of Colorado Anschutz Medical Campus, Aurora, CO; Mar 5, 2015

Finance 101: Navigating Funds Flow in Academic Medical Centers, Academy of Medical Educators, School of Medicine, University of Colorado Anschutz Medical Campus, Aurora, CO; Feb 25, 2015

Education Scholarship and Innovation Symposium, Academy of Medical Educators, School of Medicine, Aurora, CO; Feb 11, 2015

Leadership 101 Series: Strategic Planning, Academy of Medical Educators, University of Colorado, Anschutz Medical Campus, Aurora, CO; Jan 21, 2015

Winter Web Camp, CUOnline, Denver, CO; Jan 13-16, 2015

Leadership 101 Series: Conflict Management, Academy of Medical Educators, University of Colorado, Anschutz Medical Campus, Aurora, CO; Dec 2, 2014

Leadership 101 Series: Negotiation, Academy of Medical Educators, University of Colorado, Anschutz Medical Campus, Aurora, CO; Oct 29, 2014

Promotion 101, Steven Lowenstein, MD, University of Colorado, Anschutz Medical Campus, Aurora, CO; Oct 16, 2014

CU Online Spring Symposium, Tivoli Student Union, Denver, CO; May 22, 2014

Teaching with Technology Symposium, ASSETT, Glenn Miller Ballroom, UMC, University of Colorado, Boulder, CO; Apr 28, 2014

Combined Sections Meeting of the APTA, Las Vegas, NV; Feb, 2014

Winter Web Camp, CUOnline, Denver, CO; Jan 14-16, 2014

Scientific Writing from the Reader's Perspective, Dr. George Gopen, Colorado Clinical & translational Sciences Institute (CCTSI), Anschutz Medical Campus, Aurora, CO; Mar 11, 2013

Combined Sections Meeting of the APTA, San Diego, CA; Jan, 2013

1<sup>st</sup> Annual Educational Scholarship and Innovations Symposium, Aurora, CO; Nov 12, 2012

APTA/Colorado Chapter's 22<sup>nd</sup> Annual Fall Convention & PT Expo, Arvada, CO; Nov 10, 2012

International Federation of Orthopedic Manipulative Physical Therapists (IFOMPT), Quebec City, Quebec, Canada; Oct 1-5, 2012

How to Lecture so that Your Students Actually Learn, Dr. JJ Cohen, Aurora, CO; Sep 20, 2012

CU Online Spring Symposium, Tivoli Student Union, Denver, CO; May 17, 2012

Giving Effective Feedback, Aurora, CO; Apr 5, 2012

Constructing Written Test Questions, Aurora, CO; Mar 1, 2012

Combined Sections Meeting of the APTA, Chicago, IL; Feb, 2012

iPads in Education, Assistive Technology Partners, Aurora, CO; Jan 13, 2012

Annual Conference of the American Academy of Orthopaedic Manual Physical Therapists (AAOMPT), Anaheim, CA; Oct, 2011

Annual Conference of the American College of Sports & Medicine, Denver, CO; Jun, 2011

Manipalooza, Aurora, CO; May, 2011

CU Online Spring Symposium, Aurora, CO; May, 2011

APTA/Colorado Chapter's 41<sup>st</sup> Annual Spring Convention & PT Expo, Arvada, CO; Apr, 2011

Combined Sections Meeting of the APTA, New Orleans, LA; Feb, 2011

Colorado Manipalooza, Aurora, CO; Jan, 2011

Colorado Learning and Teaching with Technology Conference, Boulder, CO; Aug, 2010

Annual Conference of the Society for Neuroscience, Chicago, IL; Oct, 2009

Mechanisms of Plasticity and Disease in Motor Neurons Conference, Seattle, WA; 2008

Annual Conference of the Society for Neuroscience. Washington, DC; Nov, 2008

Annual Conference of the Society for Neuroscience. Atlanta, GA; Nov, 2006

Annual Conference of the American College of Sports & Medicine, Denver, CO; Jun, 2006

Active Dendrites in Motor Neurons Conference, Boulder, CO; Jun, 2004

Current Teaching Responsibilities in the Entry-level Physical Therapy Program:

DPTR 5001      Clinical Anatomy I      Course director, 2015-present (6 credit hours)

DPTR 6002      Clinical Anatomy II      Course director, 2014-present (3 credit hours)