Curriculum Vitae
Jonathan J. Wisco, Ph.D.
Boston University Aram V. Chobanian & Edward Avedisian School of Medicine
Department of Anatomy and Neurobiology
Boston, MA
Mobile: 310-746-6647
Office: 617-358-2002
https://www.bumc.bu.edu/camed/profile/jonathan-wisco/
06/29/26

Academic Training:

6/1994 B.S.	University of Washington, Seattle, WA; Biology
4/2003 Ph.D.	Boston University School of Medicine, Boston, MA; Anatomy and Neurobiology

Additional Training:

1997	Visiting fMRI Fellowship, Massachusetts General Hospital and Harvard Medical School, Athinoula A. Martinos Center for Biomedical Imaging, Charlestown, MA
2003-2006	Postdoctoral Fellowship in Radiology, Massachusetts General Hospital, Harvard Medical School/Massachusetts Institute of Technology, Boston, MA
2008-2010	Medical Education Fellowship, David Geffen School of Medicine at UCLA, Los Angeles, CA
2014-2015	Public School Partnership Associates Program, Brigham Young University, Center for the Improvement of Teacher Education and Schooling (CITES), Provo, UT
2022-2023	IAMSE Mentoring Certificate – Reflect, Empower, Advocate, Commitment, Highlight (IM-REACH), International Association of Medical Science Educators

Academic Appointments:

2003-2004	Adjunct Instructor of Anatomy and Physiology, Department of Biology, Middlesex Community College, Lowell, MA
2003-2006	Adjunct Instructor of Anatomy and Course Director, Department of Physical Therapy, School for Health Studies, Simmons College, Boston, MA
2006-2012	Assistant Professor of Integrative Anatomy, Division of Integrative Anatomy, Department of Pathology and Laboratory Medicine, David Geffen School of Medicine at UCLA, Los Angeles, CA
2012-2013	Associate Professor of Integrative Anatomy, Division of Integrative Anatomy, Department of Pathology and Laboratory Medicine, David Geffen School of Medicine at UCLA, Los Angeles, CA
2012-2018	Associate Professor of Physiology and Developmental Biology, College of Life Sciences, Brigham Young University, Provo, UT
2013-2018	Adjunct Associate Professor of Neurobiology and Anatomy, University of Utah School of Medicine, Salt Lake City, UT
2018-2021	Adjunct Associate Professor, Physician Assistant Program, Northeastern University, Bouvé College of Health Sciences, Boston, MA
2018-	Associate Professor of Anatomy and Neurobiology, Boston University School of Medicine, Boston, MA

Hospital Appointments or Other Employment:

2015-	Founder, Visual Representation Solutions, LLC
2015-2020	Visiting Professor, School of Medicine, St. George's University School of Medicine, True Blue, Grenada, West Indies

2015-2016	Visiting Professor, Department of Anatomy, Ross University School of Medicine, Portsmouth, Dominica, West Indies
2021-	Founder, Better Learning Experiences [501(c)(3)]
2022-	Boston University Center for Antiracist Research Affiliates

Honors:

Institutional

2001	Excellence in Teaching Dental Gross Anatomy, Boston University School of Medicine
2002	Henry I. Russek Student Achievement Day 1st Prize Award, Boston University School of Medicine
2007	PBL Tutor of Excellence, David Geffen School of Medicine at UCLA
2008	PBL Tutor of Excellence, David Geffen School of Medicine at UCLA
2008	American Medical Student Association (AMSA) UCLA chapter, Golden Apple Award for Teaching Excellence, David Geffen School of Medicine at UCLA
2009	PBL Tutor of Excellence, David Geffen School of Medicine at UCLA
2009	American Medical Student Association (AMSA) UCLA chapter, Golden Apple Award for Teaching Excellence, David Geffen School of Medicine at UCLA
2010	PBL Tutor of Excellence, David Geffen School of Medicine at UCLA
2011	PBL Tutor of Excellence, David Geffen School of Medicine at UCLA
2011	American Medical Student Association (AMSA) UCLA chapter, Golden Apple Award for Teaching Excellence, David Geffen School of Medicine at UCLA
2012	PBL Tutor of Excellence, David Geffen School of Medicine at UCLA
2013	Golden Key Honorary Member, Brigham Young University Chapter of the Golden Key International Honour Society
2018	Outstanding Teaching and Service, Department of Physiology and Developmental Biology, Brigham Young University
2021	Nomination, Graduate Medical Sciences Teaching Award, Boston University School of Medicine
2021	Nomination, 2022 Metcalf Award, Boston University School of Medicine
2023	Distinguished Faculty of the Month. Boston University Aram V. Chobanian & Edward Avedisian School of Medicine

Regional

2009	Gabriel H. Wilson Award for Best Paper, The Western Neuroradiological Society (WNRS)
2011	Great Ideas for Teaching, Western Group on Educational Affairs (WGEA), Association of American Medical Colleges (AAMC)
2023	Information Technology in Medicine Award, Massachusetts Medical Society (MMS); Senior author on Ye M, Goodman D, Prasad M, **Wisco JJ**. iProbe, an ultrasound probe simulator application for the smartphone. Massachusetts Medical Society (MMS) Presentation 2023 (Oral; Presentation Award Winner)

National

2013	Basmajian Award for excellence in Anatomy Research and Education, American Association of Anatomists
2019	Poster Presentation Award, Human Anatomy and Physiology Society (HAPS)

International

2011	Best e-Demo Presentation, International Association of Medical Science Educators (IAMSE)

2011 Best Poster Presentation Finalist, International Association of Medical Science Educators (IAMSE)
2012 Best Abstract, International Association of Medical Science Educators (IAMSE)
2015 Outstanding Citizen, International Society for Specialty
2022 Best Poster Presentation, International Association of Medical Science Educators (IAMSE); Senior author on *Claus L, Cassidy B, Landau-Taylor J, Prasad M*, **Wisco JJ**. Preclinical ultrasound education using a near-peer educational model. International Association of Medical Science Educators (IAMSE) Abstr 2022 (Oral Presentation; Presentation Award Winner)

Major Administrative Responsibilities:

David Geffen School of Medicine at UCLA, Los Angeles, MA, USA

2006-2012 Anatomy Summer Dissection Program Director, Division of Integrative Anatomy, Department of Pathology and Laboratory Medicine
2007-2010 Medical Gross Anatomy Associate Course Director, Division of Integrative Anatomy, Department of Pathology and Laboratory Medicine
2009-2012 Associate Director for Research Activities, Division of Integrative Anatomy, Department of Pathology and Laboratory Medicine
2010-2013 Director, Laboratory for Translational Anatomy of Degenerative Diseases and Developmental Disorders (TAD4), Division of Integrative Anatomy, Department of Pathology and Laboratory Medicine

Brigham Young University, Provo, UT, USA

2012-2018 Director, Laboratory for Translational Anatomy of Degenerative Diseases and Developmental Disorders (TAD4), Department of Physiology and Developmental Biology, College of Life Sciences
2013-2018 Human Anatomy Lab Course Director, Department of Physiology and Developmental Biology, College of Life Sciences
2013-2018 Board Member, Magnetic Resonance Imaging Research Facility (MRIRF)
2014-2018 Associate Director, Magnetic Resonance Imaging Research Facility (MRIRF)

Boston University Aram V. Chobanian & Edward Avedisian School of Medicine, Boston, MA, USA

2018- Director, Laboratory for Translational Anatomy of Degenerative Diseases and Developmental Disorders (TAD4), Department of Anatomy and Neurobiology
2019-2020 Assistant Director, High-Field 11.7T MRI Core
2022- Co-Director, Principles Integrating Science, Clinical Medicine, and Equity (PISCEs)

Departmental, School and University Committees:

Boston University, Graduate Medical Sciences, Boston, MA

2001-2002 Guisuppina D'Raviola Graduate Student Memorial Seminar Committee, Department of Anatomy and Neurobiology

Athinoula A. Martinos Center for Biomedical Imaging, Massachusetts General Hospital, Boston, MA, USA

2004-2006 BrainMap seminar series coordinator, Department of Radiology

David Geffen School of Medicine at UCLA, Los Angeles, MA, USA

2007-2012 Medical Student Recruitment Day, Office for the Dean of Medicine, David Geffen School of Medicine at UCLA
2008-2009 Faculty Search Committee, Division of Integrative Anatomy, Department of Pathology and Laboratory Medicine, David Geffen School of Medicine at UCLA
2008-2010 Medical Gross Anatomy and Histopathology Curriculum Committee, Division of Integrative Anatomy, Department of Pathology and Laboratory Medicine, David Geffen School of Medicine at UCLA
2009-2012 Committee on Online Social Networking, Office for the Dean of Student Affairs, David Geffen School of Medicine at UCLA
2009-2012 Medical Education Fellowship Mentor, Office for the Dean of Medical Education, David Geffen School of Medicine at UCLA
2011-2012 Medical Innovation Interest Group Faculty Co-Sponsor, Office for the Dean of Student Affairs, David Geffen School of Medicine at UCLA

Brigham Young University, Provo, UT, USA

2013-2018 Computer Users Council, College of Life Sciences, Brigham Young University, Provo, UT
2014-2018 Faculty Advisor, *Chiasm* Journal (student-run BYU campus scientific journal), Neuroscience Center, Brigham Young University, Provo, UT
2014-2018 Faculty Advisor, Neuroscience Club, Neuroscience Center, Brigham Young University, Provo, UT
2014-2018 Department of Physiology and Developmental Biology Curriculum Committee, Brigham Young University, Provo, UT

University of Utah School of Medicine, Salt Lake City, UT, USA

2014-2016 Multiple Mini-Interview (MMI) Interviewer, Medical School Admissions Committee, University of Utah School of Medicine
2016-2018 Selection Committee, Medical School Admissions Committee, University of Utah School of Medicine
2018-2021 Standardized Video Interview Review Committee, Medical School Admissions Committee, University of Utah School of Medicine

Boston University Aram V. Chobanian & Edward Avedisian School of Medicine, Boston, MA, USA

2018-2020 Preclerkship Curriculum Subcommittee (PCS) Guest, Boston University School of Medicine
2019-present Interview and Selection, Medical School Admissions Committee, Boston University School of Medicine
2020-2021 Remote Learning Taskforce, Preclerkship Curriculum Subcommittee (PCS), Boston University School of Medicine
2020-2021 COVID-19 Research Reopening Committee, Department of Anatomy and Neurobiology
2020-2021 COVID-19 Fall Teaching Committee, Department of Anatomy and Neurobiology
2020-2021 Diversity, Equity, Inclusion, and Justice Taskforce, Department of Anatomy and Neurobiology
2020-2022 Anatomy Curriculum Transition Director, Boston University School of Medicine
2018- Preclerkship Curriculum Subcommittee (PCS) member
2019- McCahan Education Day Committee Member
2020-2021 McCahan Education Day Co-Chair
2020-2021 Post-COVID to 2030 Residential Experience Working Group, Boston University, Provost Office

2020-2021 "Policies and Procedures Governing the Evaluation, Grading, and Promotion of Boston University School of Medicine MD Students sub-committee, Student Evaluation and Promotion Committee (SEPC)," Boston University School of Medicine
2020- Student Progress Committee, Boston University PA School
2021- Ultrasound is for Everyone (USIFE) Club Advisor
2022- Anatomy Academy Club Advisor
2022- Healthcare Educator's Art Interest Group Advisor
2022- Interview and Selection, Program in Biomedical Sciences (PiBS) PhD Admissions Committee, Graduate Medical Sciences
2022- Educational Technologies governance committee Co-Chair, Boston University
2022- Learning Environment Oversight group

Teaching Experience and Responsibilities:

1997-2003 Teaching assistant in Gross Anatomy, Histology, Neuroscience courses for medical and dental students, Department of Anatomy and Neurobiology, Boston University School of Medicine, Boston, MA
2003-2004 Anatomy and Physiology lectures to pre-health professional students, Department of Biology, Middlesex Community College, Lowell, MA
2003-2006 Musculoskeletal Anatomy lectures to physical therapy students, Department of Physical Therapy, School for Health Studies, Simmons College, Boston, MA
2003-2006 Neuroanatomy lectures to physical therapy students, Department of Physical Therapy, School for Health Studies, Simmons College, Boston, MA
2006-2012 Integrated medical school lecturer (MS I, MS II), Division of Integrative Anatomy, Department of Pathology and Laboratory Medicine, David Geffen School of Medicine at UCLA, Los Angeles, CA
- Cardiovascular, Renal, Respiratory systems
- Upper and Lower Gastrointestinal systems
- Musculoskeletal system
- Neurological system
- Head and Neck region
- Embryology

2006-2012 Gross Anatomy lab teaching for dental school (DS I), Division of Integrative Anatomy, Department of Pathology and Laboratory Medicine, David Geffen School of Medicine at UCLA, Los Angeles, CA
2006-2012 Summer Dissection Lab Coordinator, Division of Integrative Anatomy, Department of Pathology and Laboratory Medicine, David Geffen School of Medicine at UCLA, Los Angeles, CA
2006-2012 Problem Based Learning Tutor, Office for the Dean of Medical Education, David Geffen School of Medicine at UCLA, Los Angeles, CA
- Cardiovascular, Renal, Respiratory systems
- Upper and Lower Gastrointestinal systems
- Musculoskeletal system
- Neurological system

2006-2012 Pre-clerkship Clinical Anatomy Orientation (MS III, MS IV) Lead, Division of Integrative Anatomy, Department of Pathology and Laboratory Medicine, David Geffen School of Medicine at UCLA, Los Angeles, CA
- Obstetrics/Gynecology
- Radiology
- Surgery

2008-2012 Anatomy Module Director, Division of Integrative Anatomy, Department of Pathology and Laboratory Medicine, David Geffen School of Medicine at UCLA, Los Angeles, CA
- Cardiovascular, Renal, Respiratory systems
- Upper and Lower Gastrointestinal systems
- Musculoskeletal system

2012-2018 Human Anatomy Course Lecturer, Department of Physiology and Developmental Biology, College of Life Sciences, Brigham Young University, Provo, UT

2013-2018 Human Anatomy Course TA Training Director, Department of Physiology and Developmental Biology, College of Life Sciences, Brigham Young University, Provo, UT

2013-2018 Human Gross Anatomy Lab Course Instructor (MS I, MS II), Department of Neurobiology and Anatomy, University of Utah School of Medicine, Salt Lake City, UT

2014-2018 Clinical Anatomy Course Director, Department of Physiology and Developmental Biology, College of Life Sciences, Brigham Young University, Provo, UT

2018-2022 Anatomical Sciences Instructor, Principles Integrating Science and Medicine (PrISM), Boston University School of Medicine
- Molecular Foundations of Medicine
- Cellular Foundations of Medicine
- Body Structures
- Neuroscience
- Genomic Medicine & Immunology
- Cardiovascular System
- Respiratory System
- Renal System
- Gastrointestinal System & Nutrition
- Endocrine & Reproductive Systems

2018-2021 Instructor, Physician Assistant School, Northeastern University
- Physiology
- Gross Anatomy
- Neuroanatomy

2020- Elective Director, Teaching in the Anatomical and Physiological Sciences, Boston University Chobanian & Avedisian School of Medicine

2022- Foundations 2 Co-Director, Principles Integrating Science, Clinical Medicine and Equity (PISCEs), Boston University Chobanian & Avedisian School of Medicine
- Neuroanatomy
- Gross Anatomy
- Histology
- Embryology
- Radiology

2022- Dermatology, Rheumatology, Musculoskeletal System (DRMSK) Co-Director, Principles Integrating Science, Clinical Medicine and Equity (PISCEs), Boston University Chobanian & Avedisian School of Medicine
- Gross Anatomy
- Histology
- Embryology
- Radiology

Diversity, Equity, Inclusion, and Belonging Activities:

2018- Member, Diversity, Equity, and Inclusion (DEI) committee, Human Anatomy and Physiology Society (HAPS)

2019- Member, Diversity, Equity, Inclusion, and Belonging (DEIB) sub-committee, Preclerkship Curriculum Subcommittee (PCS), Boston University Chobanian & Avedisian School of Medicine

2020- Member, Diversity, Equity, and Inclusion (DEI) committee, American Association of Clinical Anatomists

2020- Member, Diversity, Equity, Inclusion, and Justice (DEIJ) committee, Department of Anatomy and Neurobiology, Boston University Chobanian & Avedisian School of Medicine

2023- Chair, Outreach subcommittee, Diversity, Equity, Inclusion, and Justice (DEIJ) committee, Department of Anatomy and Neurobiology, Boston University Chobanian & Avedisian School of Medicine

Selected Mentoring Activities:

Selected from 2 postdoctoral fellows, 108 graduate and professional degree students, 136 undergraduate students (Journal articles and grants only)			
Mentee, degree(s)	**Dates**	**Manuscript or product produced**	**Mentee Current Position**
Graduate Student			
Ryan Martin, MD	2008-2011	*Martin RM, Vyas NM*, Sedlmayr JC, **Wisco JJ**. Bilateral variation of subclavius muscle resembling subclavius posticus. Surg Radiol Anat 2008; 30:171-174. https://doi.org/10.1007/s00276-008-0303-z	
Neal Vyas, MD	2008-2011	*Martin RM, Vyas NM*, Sedlmayr JC, **Wisco JJ**. Bilateral variation of subclavius muscle resembling subclavius posticus. Surg Radiol Anat 2008; 30:171-174. https://doi.org/10.1007/s00276-008-0303-z	
Benjamin Bluth, MD		Stark ME, *Wu B, Bluth B*, **Wisco JJ**. Bilateral Accessory Cleidohyoid in a Human Cadaver. IJAV 2009; 2:122-123 *Bluth B, Wu B*, Stark ME, **Wisco JJ**. Variant of the extensor pollicis tertius: a case report on a unique extensor muscle to the thumb. Anat Sci Int 2010 https://doi.org/10.1007/s12565-010-0074-6	

Selected from 2 postdoctoral fellows, 108 graduate and professional degree students, 136 undergraduate students (Journal articles and grants only)			
Mentee, degree(s)	**Dates**	**Manuscript or product produced**	**Mentee Current Position**
Bian Wu, MD		Stark ME, *Wu B, Bluth B*, **Wisco JJ**. Bilateral Accessory Cleidohyoid in a Human Cadaver. IJAV 2009; 2:122-123 *Bluth B, Wu B*, Stark ME, **Wisco JJ**. Variant of the extensor pollicis tertius: a case report on a unique extensor muscle to the thumb. Anat Sci Int 2010 https://doi.org/10.1007/s12565-010-0074-6	
Ilan Safir, MD	2009-2012	**Wisco JJ**, Stark ME, *Safir I*, Rahman S. A heat map of superior cervical ganglion location relative to the common carotid artery bifurcation. Anesthesia and Analgesia 2012 Feb;114(2):462-465. https://doi.org/10.1213/ANE.0b013e31823b676d Stark ME, *Safir I*, **Wisco JJ**. Probabilistic Mapping of the Cervical Sympathetic Trunk Ganglia. Auton Neurosci. 2014 Apr;181:79-84. https://doi.org/10.1016/j.autneu.2014.01.007	Urology
Paul Rabedeaux, MD	2010-2011	**Wisco JJ**, *Young S, Rabedeaux P, Lerner SD,* Wimmers PF, Byus C, *Guzman CR*. Student perceived value of anatomy pedagogy, Part I: Prosection or dissection? J Med Edu Curr Devel. 2015;1(2):15-20. https://doi.org/10.4137/JMECD.S17496 *Guzman CR, Young S, Rabedeaux P, Lerner SD*, Wimmers PF, Byus C, **Wisco JJ**. Student perceived value of anatomy pedagogy, Part II: Clinical practice and assessment. J Med Ed Curr Dev 2015;1(2):21–25 https://doi.org/10.4137/JMECD.S17497	Anesthesiology

Selected from 2 postdoctoral fellows, 108 graduate and professional degree students, 136 undergraduate students (Journal articles and grants only)			
Mentee, degree(s)	**Dates**	**Manuscript or product produced**	**Mentee Current Position**
Seth Lerner, MD	2010-2011	**Wisco JJ**, *Young S, Rabedeaux P, Lerner SD,* Wimmers PF, Byus C, *Guzman CR*. Student perceived value of anatomy pedagogy, Part I: Prosection or dissection? J Med Edu Curr Devel. 2015;1(2):15-20. https://doi.org/10.4137/JMECD.S17496 *Guzman CR, Young S, Rabedeaux P, Lerner SD*, Wimmers PF, Byus C, **Wisco JJ**. Student perceived value of anatomy pedagogy, Part II: Clinical practice and assessment. J Med Ed Curr Dev 2015;1(2):21–25 https://doi.org/10.4137/JMECD.S17497	Anesthesiology
Will Pannell, MD	2011-2012	*Pannell WC*, **Wisco JJ**. A novel saphenous nerve plexus with important clinical correlations. Clinical Anatomy 2011; 24(8):994-996. https://doi.org/10.1002/ca.21226	
Anita Wong, MD	2011-2012	*Nazaran A*, **Wisco JJ**, *Hageman N*, Schettler SP, *Wong A*, Vinters HV, Teng C-C, Bangerter NK. Methodology for computing white matter nerve fiber orientation in human histological slices. Journal of Neuroscience Methods. 2016;261:75-84. doi: https://doi.org/10.1016/j.jneumeth.2015.11.023	Family Medicine
Nathan Hageman, PhD	2011-2012	*Nazaran A*, **Wisco JJ**, *Hageman N*, Schettler SP, *Wong A*, Vinters HV, Teng C-C, Bangerter NK. Methodology for computing white matter nerve fiber orientation in human histological slices. Journal of Neuroscience Methods. 2016;261:75-84. doi: https://doi.org/10.1016/j.jneumeth.2015.11.023 *Araujo AG*, Park D, *Steed KS*, Ajijola OA, Shivkumar K, Mahajan A, Fishbein M, Hageman N, Stark ME, **Wisco JJ**. An Assessment of Stellate Ganglion Neuronal Remodeling in Association with Cardiovascular Disease. ISCIENCE-D-20-00399. 2020; Available at SSRN: https://ssrn.com/abstract=3564981	Neurosurgery

Selected from 2 postdoctoral fellows, 108 graduate and professional degree students, 136 undergraduate students (Journal articles and grants only)			
Mentee, degree(s)	**Dates**	**Manuscript or product produced**	**Mentee Current Position**
Maita Kuvhenguhwa, MD	2012-2013	*Kuvhenguhwa M, Kotter H*, **Wisco JJ**. Congenital bilateral absence of the flexor digitorum longus muscle. Clin Anat 2012 Nov;25(8):963-5. https://doi.org/10.1002/ca.22031	
Haleigh Kotter, MD	2012-2013	*Kuvhenguhwa M, Kotter H*, **Wisco JJ**. Congenital bilateral absence of the flexor digitorum longus muscle. Clin Anat 2012 Nov;25(8):963-5. https://doi.org/10.1002/ca.22031	
Molly Diaz, MPH, MD	2012-2013	4/2012-3/2013 The Albert Schweizter Fellowship Co-PI: Kenechukwu Ojukwu, Molly Diaz, Jonathan J. Wisco, PhD, Anatomy Academy, Total Cost: $5,000 Role: Co-Principal Investigator *Diaz MM, Ojukwu K, Padilla J, Steed K*, Schmalz N, Tullis A, Mageno A, *McCleve J, White E*, Stark ME, Morton DA, Seastrand G, Ray G, Lassetter J, Wilson-Ashworth HA, **Wisco JJ**. Who is the teacher and who is the student? The dual service- and engaged-learning pedagogical model of Anatomy Academy. J Med Educ Curric Dev. 2019;6:1-14 Epub 2019/11/02. https://doi.org/10.1177/2382120519883271	Pediatrics
Kene Ojukwu, MPP, MD	2012-2013	4/2012-3/2013 The Albert Schweizter Fellowship Co-PI: Kenechukwu Ojukwu, Molly Diaz, Jonathan J. Wisco, PhD, Anatomy Academy, Total Cost: $5,000 Role: Co-Principal Investigator *Diaz MM, Ojukwu K, Padilla J, Steed K*, Schmalz N, Tullis A, Mageno A, *McCleve J, White E*, Stark ME, Morton DA, Seastrand G, Ray G, Lassetter J, Wilson-Ashworth HA, **Wisco JJ**. Who is the teacher and who is the student? The dual service- and engaged-learning pedagogical model of Anatomy Academy. J Med Educ Curric Dev. 2019;6:1-14 Epub 2019/11/02. https://doi.org/10.1177/2382120519883271	Pathology

Selected from 2 postdoctoral fellows, 108 graduate and professional degree students, 136 undergraduate students (Journal articles and grants only)			
Mentee, degree(s)	**Dates**	**Manuscript or product produced**	**Mentee Current Position**
Jessica Padilla, MPP	2012-2013	4/2012-3/2013 The Albert Schweizter Fellowship Co-PI: Kenechukwu Ojukwu, Molly Diaz, Jonathan J. Wisco, PhD, Anatomy Academy, Total Cost: $5,000 Role: Co-Principal Investigator *Diaz MM, Ojukwu K, Padilla J, Steed K*, Schmalz N, Tullis A, Mageno A, *McCleve J, White E*, Stark ME, Morton DA, Seastrand G, Ray G, Lassetter J, Wilson-Ashworth HA, **Wisco JJ**. Who is the teacher and who is the student? The dual service- and engaged-learning pedagogical model of Anatomy Academy. J Med Educ Curric Dev. 2019;6:1-14 Epub 2019/11/02. https://doi.org/10.1177/2382120519883271	Health Policy and Management
Stephanie Young, MD	2012-2013	**Wisco JJ**, *Young S, Rabedeaux P, Lerner SD,* Wimmers PF, Byus C, *Guzman CR*. Student perceived value of anatomy pedagogy, Part I: Prosection or dissection? J Med Edu Curr Devel. 2015;1(2):15-20. https://doi.org/10.4137/JMECD.S17496 *Guzman CR, Young S, Rabedeaux P, Lerner SD*, Wimmers PF, Byus C, **Wisco JJ**. Student perceived value of anatomy pedagogy, Part II: Clinical practice and assessment. J Med Ed Curr Dev 2015;1(2):21–25 https://doi.org/10.4137/JMECD.S17497	Internal Medicine
Carlos Guzman, MD	2012-2013	**Wisco JJ**, *Young S, Rabedeaux P, Lerner SD,* Wimmers PF, Byus C, *Guzman CR*. Student perceived value of anatomy pedagogy, Part I: Prosection or dissection? J Med Edu Curr Devel. 2015;1(2):15-20. https://doi.org/10.4137/JMECD.S17496 *Guzman CR, Young S, Rabedeaux P, Lerner SD*, Wimmers PF, Byus C, **Wisco JJ**. Student perceived value of anatomy pedagogy, Part II: Clinical practice and assessment. J Med Ed Curr Dev 2015;1(2):21–25 https://doi.org/10.4137/JMECD.S17497	General Surgery

Selected from 2 postdoctoral fellows, 108 graduate and professional degree students, 136 undergraduate students (Journal articles and grants only)			
Mentee, degree(s)	**Dates**	**Manuscript or product produced**	**Mentee Current Position**
Nena Lundgreen Mason, PhD	2013-2015	*Mason NL*, Christiansen M, **Wisco JJ**. 3D reconstruction and heat map of porcine recurrent laryngeal nerve anatomy: branching and spatial location. Italian Journal of Anatomy and Embryology. 2015;120(3):184-91	Associate Professor, Dartmouth College of Medicine
Rajan Adhikari, MD, PhD	2013-2017	*Adhikari R, Steed KS, Hutchinson B, Wang B, Mendoza M*, Staudte R, Atmojo M, Cox P, Hancock T, Barkdull K, Harris M, Watt R, Bangerter N, **Wisco JJ**. Hippocampal T2 Signal Loss and Decreased Radial Arm Maze Performance in Transgenic Murine Model for AD. Brain and Nerves 2020; https://doi.org/10.15761/JBN.1000127 *Cieslak SG, Hutchinson B, Adhikari R, Steed KS,* Staudte RS, Cox P, Rasch A, Black E, *Araujo A*, **Wisco JJ**. The effects of *L*-Cysteine on Alzheimer's disease pathology in *APOE2*, *APOE3*, and *APOE4* homozygous mice. Brain and Nerves 2020; https://doi.org/10.15761/JBN.1000128 *Black E, Rasch A*, Wimmer T, Li A, Cieslak S, Steed KS, Adhikari RD, **Wisco JJ**, Hutchinson B. The Effects of Age, Genotype, and an Oxidative Stress-Inducing Diet on Hippocampal Subfield Biomarkers in an ApoE Mouse Model. Eur J Neurosci 2023 Feb 12; https://doi.org/10.1111/ejn.15933	Assistant Professor, California Health Sciences University

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Mentee, degree(s)	**Dates**	**Manuscript or product produced**	**Mentee Current Position**
Steve Cieslak, MS, MBA	2014-2017	*Cieslak SG, Hutchinson B, Adhikari R, Steed KS,* Staudte RS, Cox P, Rasch A, Black E, *Araujo A*, **Wisco JJ**. The effects of *L*-Cysteine on Alzheimer's disease pathology in *APOE2*, *APOE3*, and *APOE4* homozygous mice. Brain and Nerves 2020; https://doi.org/10.15761/JBN.1000128 *Black E, Rasch A*, Wimmer T, Li A, Cieslak S, Steed KS, Adhikari RD, **Wisco JJ**, Hutchinson B. The Effects of Age, Genotype, and an Oxidative Stress-Inducing Diet on Hippocampal Subfield Biomarkers in an ApoE Mouse Model. Eur J Neurosci 2023 Feb 12; https://doi.org/10.1111/ejn.15933	Predoctoral student, Indiana University School of Medicine
BreAnna Long Hutchinson, PhD	2014-2018	*Adhikari R, Steed KS, Hutchinson B, Wang B, Mendoza M*, Staudte R, Atmojo M, Cox P, Hancock T, Barkdull K, Harris M, Watt R, Bangerter N, **Wisco JJ**. Hippocampal T2 Signal Loss and Decreased Radial Arm Maze Performance in Transgenic Murine Model for AD. Brain and Nerves 2020; https://doi.org/10.15761/JBN.1000127 *Cieslak SG, Hutchinson B, Adhikari R, Steed KS,* Staudte RS, Cox P, Rasch A, Black E, *Araujo A*, **Wisco JJ**. The effects of *L*-Cysteine on Alzheimer's disease pathology in *APOE2*, *APOE3*, and *APOE4* homozygous mice. Brain and Nerves 2020; https://doi.org/10.15761/JBN.1000128 *Black E, Rasch A*, Wimmer T, Li A, Cieslak S, Steed KS, Adhikari RD, **Wisco JJ**, Hutchinson B. The Effects of Age, Genotype, and an Oxidative Stress-Inducing Diet on Hippocampal Subfield Biomarkers in an ApoE Mouse Model. Eur J Neurosci 2023 Feb 12; https://doi.org/10.1111/ejn.15933	

Kevin Steed, PhD	2014-2018	*King RE, Steed KS, Rivera AE*, **Wisco JJ**, Thibeault SL. Magnetic Resonance Imaging quantification of dehydration and rehydration in vocal fold tissue layers. PLoS One 2018 Dec 6;13(12):e0208763. https://doi.org/10.1371/journal.pone.0208763 *Diaz MM, Ojukwu K, Padilla J, Steed K*, Schmalz N, Tullis A, Mageno A, *McCleve J, White E*, Stark ME, Morton DA, Seastrand G, Ray G, Lassetter J, Wilson-Ashworth HA, **Wisco JJ**. Who is the teacher and who is the student? The dual service- and engaged-learning pedagogical model of Anatomy Academy. J Med Educ Curric Dev. 2019;6:1-14 Epub 2019/11/02. https://doi.org/10.1177/2382120519883271 *Adhikari R, Steed KS, Hutchinson B, Wang B, Mendoza M*, Staudte R, Atmojo M, Cox P, Hancock T, Barkdull K, Harris M, Watt R, Bangerter N, **Wisco JJ**. Hippocampal T2 Signal Loss and Decreased Radial Arm Maze Performance in Transgenic Murine Model for AD. Brain and Nerves 2020; https://doi.org/10.15761/JBN.1000127 *Cieslak SG, Hutchinson B, Adhikari R, Steed KS,* Staudte RS, Cox P, Rasch A, Black E, *Araujo A*, **Wisco JJ**. The effects of *L*-Cysteine on Alzheimer's disease pathology in *APOE2*, *APOE3*, and *APOE4* homozygous mice. Brain and Nerves 2020; https://doi.org/10.15761/JBN.1000128 *Araujo AG*, Park D, *Steed KS*, Ajijola OA, Shivkumar K, Mahajan A, Fishbein M, Hageman N, Stark ME, **Wisco JJ**. An Assessment of Stellate Ganglion Neuronal Remodeling in Association with Cardiovascular Disease. ISCIENCE-D-20-00399. 2020; Available at SSRN: https://ssrn.com/abstract=3564981 *Black E, Rasch A*, Wimmer T, Li A, Cieslak S, Steed KS, Adhikari RD, **Wisco JJ**, Hutchinson B. The Effects of Age, Genotype, and an Oxidative Stress-Inducing Diet on Hippocampal Subfield Biomarkers in an ApoE Mouse Model. Eur J Neurosci 2023 Feb 12; https://doi.org/10.1111/ejn.15933	Associate Professor of Biomedical Education, and Chair, California Health Sciences University, College of Osteopathic Medicine

Selected from 2 postdoctoral fellows, 108 graduate and professional degree students, 136 undergraduate students (Journal articles and grants only)			
Mentee, degree(s)	**Dates**	**Manuscript or product produced**	**Mentee Current Position**
Amanda Araujo, MS	2018-2020	*Cieslak SG, Hutchinson B, Adhikari R, Steed KS,* Staudte RS, Cox P, Rasch A, Black E, *Araujo A*, **Wisco JJ**. The effects of *L*-Cysteine on Alzheimer's disease pathology in *APOE2*, *APOE3*, and *APOE4* homozygous mice. Brain and Nerves 2020; https://doi.org/10.15761/JBN.1000128 *Araujo AG*, Park D, *Steed KS*, Ajijola OA, Shivkumar K, Mahajan A, Fishbein M, Hageman N, Stark ME, **Wisco JJ**. An Assessment of Stellate Ganglion Neuronal Remodeling in Association with Cardiovascular Disease. ISCIENCE-D-20-00399. 2020; Available at SSRN: https://ssrn.com/abstract=3564981	
Sonali Rathod, MD	2019-2023	*Rathod S, Kolus R, Byungchan K, Gurnani S, Kim A, Kim E, Tan F, Van Roy I*, Whitney E, Macneil M, **Wisco JJ**. A case of an abnormally dilated and tortuous Arc of Buhler and pancreaticoduodenal arteries in the absence of celiac trunk stenosis. Surg Radiol Anat 2022; Sep doi: https://doi.org/10.1007/s00276-022-03018-2	
Riley Kolus, MD	2019-2023	*Rathod S, Kolus R, Byungchan K, Gurnani S, Kim A, Kim E, Tan F, Van Roy I*, Whitney E, Macneil M, **Wisco JJ**. A case of an abnormally dilated and tortuous Arc of Buhler and pancreaticoduodenal arteries in the absence of celiac trunk stenosis. Surg Radiol Anat 2022; Sep doi: https://doi.org/10.1007/s00276-022-03018-2 *Schroter S, Kolus R*, **Wisco JJ**. Incorporating engineering educational methods into medical education. Medical Teacher 2024; https://doi.org/10.1080/0142159X.2024.2316200	Emergency Medicine

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Mentee, degree(s)	**Dates**	**Manuscript or product produced**	**Mentee Current Position**
Byungchan Kim, MD	2019-2023	*Rathod S, Kolus R, Byungchan K, Gurnani S, Kim A, Kim E, Tan F, Van Roy I*, Whitney E, Macneil M, **Wisco JJ**. A case of an abnormally dilated and tortuous Arc of Buhler and pancreaticoduodenal arteries in the absence of celiac trunk stenosis. Surg Radiol Anat 2022; Sep doi: https://doi.org/10.1007/s00276-022-03018-2	
Sarika Gurnani, MD	2019-2023	*Rathod S, Kolus R, Byungchan K, Gurnani S, Kim A, Kim E, Tan F, Van Roy I*, Whitney E, Macneil M, **Wisco JJ**. A case of an abnormally dilated and tortuous Arc of Buhler and pancreaticoduodenal arteries in the absence of celiac trunk stenosis. Surg Radiol Anat 2022; Sep doi: https://doi.org/10.1007/s00276-022-03018-2	
Andy Kim, MD	2019-2023	*Rathod S, Kolus R, Byungchan K, Gurnani S, Kim A, Kim E, Tan F, Van Roy I*, Whitney E, Macneil M, **Wisco JJ**. A case of an abnormally dilated and tortuous Arc of Buhler and pancreaticoduodenal arteries in the absence of celiac trunk stenosis. Surg Radiol Anat 2022; Sep doi: https://doi.org/10.1007/s00276-022-03018-2	
Erin Kim, MD	2019-2023	*Rathod S, Kolus R, Byungchan K, Gurnani S, Kim A, Kim E, Tan F, Van Roy I*, Whitney E, Macneil M, **Wisco JJ**. A case of an abnormally dilated and tortuous Arc of Buhler and pancreaticoduodenal arteries in the absence of celiac trunk stenosis. Surg Radiol Anat 2022; Sep doi: https://doi.org/10.1007/s00276-022-03018-2	

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Mentee, degree(s)	**Dates**	**Manuscript or product produced**	**Mentee Current Position**
Faisal Tan, MD	2019-2023	*Rathod S, Kolus R, Byungchan K, Gurnani S, Kim A, Kim E, Tan F, Van Roy I*, Whitney E, Macneil M, **Wisco JJ**. A case of an abnormally dilated and tortuous Arc of Buhler and pancreaticoduodenal arteries in the absence of celiac trunk stenosis. Surg Radiol Anat 2022; Sep doi: https://doi.org/10.1007/s00276-022-03018-2	
Isabelle Van Roy, MD	2019-2023	*Rathod S, Kolus R, Byungchan K, Gurnani S, Kim A, Kim E, Tan F, Van Roy I*, Whitney E, Macneil M, **Wisco JJ**. A case of an abnormally dilated and tortuous Arc of Buhler and pancreaticoduodenal arteries in the absence of celiac trunk stenosis. Surg Radiol Anat 2022; Sep doi: https://doi.org/10.1007/s00276-022-03018-2	

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Mentee, degree(s)	**Dates**	**Manuscript or product produced**	**Mentee Current Position**
Dustin Lin, MS	2019-2021	*Lin D,* Bunch B, *Zuim Dantas De Souza R, Chen D, Zhou J*, Zumwalt A, **Wisco JJ**. Effectiveness of Pedagogical Tools for Teaching Medical Gross Anatomy During the Covid-19 Pandemic. Med Sci Edu 2022 Feb 24;1-12. https://doi.org/10.1007/s40670-022-01524-x *Lin D, Zuim Dantas De Souza R, Fefferman A, Baribeau V*, Bunch B, Zumwalt A, **Wisco JJ**. Unusual bilateral variation of the flexor digitorum accessorius longus and its relation on tarsal tunnel syndrome. Surg Radiol Anat 2021 Dec;43(12):2083-2086. https://doi.org/10.1007/s00276-021-02840-4 Lin DC*, In A, Baribeau V,* **Wisco JJ**. Congenital Hand Malformations in an Anatomical Donor: A Potential Case of Brachydactyly Type B. Eur J Anat 2023; 27 (2): 213-218. https://doi.org/10.52083/AKEC4012 *Hannan P, Hansen C, Chatham J, Capen T, Soares B*, **Wisco JJ**, Lin DC. Duplicated and dilated ovarian vein with coexistence of persistent mesonephric artery. Surg Radiol Anat 2024; https://doi.org/10.1007/s00276-024-03461-3 *Null M, O'Quin, M, Shearer J*, **Wisco JJ**, Lin D. Circumaortic left renal vein with an accessory retroaortic branch in a cadaver: A rare combination of type I and III variants. *Translational Research in Anatomy* 2025; **41**, 100447. https://doi.org/10.1016/j.tria.2025.100447 *Lin DC, Baribeau V,* **Wisco JJ**, Mitchell JD. Integrating a Cadaver Review Session into the Existing Regional Anesthesia Training for Anesthesiology Residents: An Initial Experience. Med Sci Educ. 2022 Apr 26;32(3):755. https://doi.org/10.1007/s40670-022-01561-6	Instructor, Northeastern University & Boston University GMS

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Mentee, degree(s)	**Dates**	**Manuscript or product produced**	**Mentee Current Position**
Raissa Zuim Dantas De Souza, MS	2019-2021	*Lin D,* Bunch B, *Zuim Dantas De Souza R, Chen D, Zhou J*, Zumwalt A, **Wisco JJ**. Effectiveness of Pedagogical Tools for Teaching Medical Gross Anatomy During the Covid-19 Pandemic. Med Sci Edu 2022 Feb 24;1-12. https://doi.org/10.1007/s40670-022-01524-x *Lin D, Zuim Dantas De Souza R, Fefferman A, Baribeau V*, Bunch B, Zumwalt A, **Wisco JJ**. Unusual bilateral variation of the flexor digitorum accessorius longus and its relation on tarsal tunnel syndrome. Surg Radiol Anat 2021 Dec;43(12):2083-2086. https://doi.org/10.1007/s00276-021-02840-4	Instructor, Nebraska Wesleyan University
Ania Filimonov, MS	2020-2022	*Filimonov A*, Gates A, Allos AN, Billings HJ, Goldina A, **Wisco JJ**. A Call to Action for Improving LGBTQIA2S+ Inclusive Policies and Practices in Educating Science and Medical Professionals. Med Sci Edu 2023; https://doi.org/10.1007/s40670-023-01797-w	Clinical Research Coordinator, Mt. Sinai University School of Medicine
Nadia Rukavina, MS	2020-2022	*Lai ER*, Rukavina NA*,* **Wisco JJ,** Zumwalt AC. Comparing the emotional experiences of students in similar dissection- and prosection-based medical gross anatomy courses: A mixed-methods study. Anat Sci Edu 2023 Apr 15; https://doi.org/10.1002/ase.2281	
Darren Ty, MS	2020-2022	Kania B, *Sotelo A*, *Ty D*, **Wisco JJ**. The Prevention of Inflammation and the Maintenance of Iron and Hepcidin Homeostasis in the Gut, Liver and Brain Pathologies. J Alzheimers Dis. 2023;92(3):769-789. https://doi.org/10.3233/JAD-220224	
Emily Lai, MS	2020-2022	*Lai ER*, Rukavina NA*,* **Wisco JJ,** Zumwalt AC. Comparing the emotional experiences of students in similar dissection- and prosection-based medical gross anatomy courses: A mixed-methods study. Anat Sci Edu 2023 Apr 15; https://doi.org/10.1002/ase.2281	Medical Student, Rutgers University School of Medicine

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Jessica Shi, MD	2020-2022	*Landau-Taylor J, Cassidy B, Claus LA, Prasad M, Shi J, Barrett J*, Shaffer K, **Wisco JJ**. Integration of Clinical Skills into Preclinical Curriculum via a Low-Cost Femoral Triangle Ultrasound Model. Med Sci Edu 2022; Sep https://doi.org/10.1007/s40670-022-01629-3	Radiology
Jake Barrett, MD	2020-2022	*Landau-Taylor J, Cassidy B, Claus LA, Prasad M, Shi J, Barrett J*, Shaffer K, **Wisco JJ**. Integration of Clinical Skills into Preclinical Curriculum via a Low-Cost Femoral Triangle Ultrasound Model. Med Sci Edu 2022; Sep https://doi.org/10.1007/s40670-022-01629-3	Radiology
Ann Fefferman, MD	2020-2024	*Lin D, Zuim Dantas De Souza R, Fefferman A, Baribeau V*, Bunch B, Zumwalt A, **Wisco JJ**. Unusual bilateral variation of the flexor digitorum accessorius longus and its relation on tarsal tunnel syndrome. Surg Radiol Anat 2021 Dec;43(12):2083-2086	
Jessica Landau-Taylor, MD	2020-2024	*Landau-Taylor J, Cassidy B, Claus LA, Prasad M, Shi J, Barrett J*, Shaffer K, **Wisco JJ**. Integration of Clinical Skills into Preclinical Curriculum via a Low-Cost Femoral Triangle Ultrasound Model. Med Sci Edu 2022; Sep https://doi.org/10.1007/s40670-022-01629-3 *Wang J, Aijaz A, Dabbara H, Goodman D, Cassidy B, Claus L, Landau-Taylor J, Prasad M, Baribeau V*, Xu H, McFadden G, **Wisco JJ**. Creation of a 4-view cardiac exam for assessment of ultrasound competency in pre-clerkship medical students. Anat Sci Edu 2025; http://doi.org/10.1002/ase.70096	

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Mentee, degree(s)	**Dates**	**Manuscript or product produced**	**Mentee Current Position**
Lindsey Claus, MD	2020-2024	*Landau-Taylor J, Cassidy B, Claus LA, Prasad M, Shi J, Barrett J*, Shaffer K, **Wisco JJ**. Integration of Clinical Skills into Preclinical Curriculum via a Low-Cost Femoral Triangle Ultrasound Model. Med Sci Edu 2022; Sep https://doi.org/10.1007/s40670-022-01629-3 *Wang J, Aijaz A, Dabbara H, Goodman D, Cassidy B, Claus L, Landau-Taylor J, Prasad M, Baribeau V*, Xu H, McFadden G, **Wisco JJ**. Creation of a 4-view cardiac exam for assessment of ultrasound competency in pre-clerkship medical students. Anat Sci Edu 2025; http://doi.org/10.1002/ase.70096	
Minali Prasad, MD	2020-2024	*Landau-Taylor J, Cassidy B, Claus LA, Prasad M, Shi J, Barrett J*, Shaffer K, **Wisco JJ**. Integration of Clinical Skills into Preclinical Curriculum via a Low-Cost Femoral Triangle Ultrasound Model. Med Sci Edu 2022; Sep https://doi.org/10.1007/s40670-022-01629-3 *Wang J, Aijaz A, Dabbara H, Goodman D, Cassidy B, Claus L, Landau-Taylor J, Prasad M, Baribeau V*, Xu H, McFadden G, **Wisco JJ**. Creation of a 4-view cardiac exam for assessment of ultrasound competency in pre-clerkship medical students. Anat Sci Edu 2025; http://doi.org/10.1002/ase.70096	

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Mentee, degree(s)	**Dates**	**Manuscript or product produced**	**Mentee Current Position**
Brett Cassidy, MD	2020-2025	*Landau-Taylor J, Cassidy B, Claus LA, Prasad M, Shi J, Barrett J*, Shaffer K, **Wisco JJ**. Integration of Clinical Skills into Preclinical Curriculum via a Low-Cost Femoral Triangle Ultrasound Model. Med Sci Edu 2022; Sep https://doi.org/10.1007/s40670-022-01629-3 *Wang J, Aijaz A, Dabbara H, Goodman D, Cassidy B, Claus L, Landau-Taylor J, Prasad M, Baribeau V*, Xu H, McFadden G, **Wisco JJ**. Creation of a 4-view cardiac exam for assessment of ultrasound competency in pre-clerkship medical students. Anat Sci Edu 2025; http://doi.org/10.1002/ase.70096	
Tyler Capen, MS	2021-2023	*Hannan P, Hansen C, Chatham J, Capen T, Soares B*, **Wisco JJ**, Lin DC. Duplicated and dilated ovarian vein with coexistence of persistent mesonephric artery. Surg Radiol Anat 2024; https://doi.org/10.1007/s00276-024-03461-3 Schmidt E, Boles X, *Capen T*, **Wisco JJ**, Clancy D. *The Cadaver / The Body.* 2024 Collaborated in a group exhibition of multi-media artwork about the human body from participants across disciplines. Curated by artist Emma Schmidt. Gallery 5, Boston University School of Visual Arts. Boston, MA	
Noah Siegel, MD	2021-2025	*Siegel N, Lee S, Oddo B, Robinson T*, Xia L, Grimes J, **Wisco JJ**. A Novel Scale for the Evaluation of Physician Drawn Medical Illustrations. J Vis Commun Med 2023; https://doi.org/10.1080/17453054.2023.2228849 *Braha N, Cengiz K, Donohoo N, Zhu C, Oddo B, Lee C, Siegel N, Robinson T*, Schmidt E, **Wisco JJ**. A multidisciplinary approach: improving physician visual communication via clinical sketches. J Vis Commun Med 2025; https://doi.org/10.1080/17453054.2025.2458564	

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Mentee, degree(s)	**Dates**	**Manuscript or product produced**	**Mentee Current Position**
Cassandra Lee, MD	2021-2025	*Siegel N, Lee S, Oddo B, Robinson T*, Xia L, Grimes J, **Wisco JJ**. A Novel Scale for the Evaluation of Physician Drawn Medical Illustrations. J Vis Commun Med 2023; https://doi.org/10.1080/17453054.2023.2228849 *Braha N, Cengiz K, Donohoo N, Zhu C, Oddo B, Lee C, Siegel N, Robinson T*, Schmidt E, **Wisco JJ**. A multidisciplinary approach: improving physician visual communication via clinical sketches. J Vis Commun Med 2025; https://doi.org/10.1080/17453054.2025.2458564	
Brandon Oddo, MD	2021-2025	*Siegel N, Lee S, Oddo B, Robinson T*, Xia L, Grimes J, **Wisco JJ**. A Novel Scale for the Evaluation of Physician Drawn Medical Illustrations. J Vis Commun Med 2023; https://doi.org/10.1080/17453054.2023.2228849 *Braha N, Cengiz K, Donohoo N, Zhu C, Oddo B, Lee C, Siegel N, Robinson T*, Schmidt E, **Wisco JJ**. A multidisciplinary approach: improving physician visual communication via clinical sketches. J Vis Commun Med 2025; https://doi.org/10.1080/17453054.2025.2458564	
Tony Robinson, MD	2021-2025	*Siegel N, Lee S, Oddo B, Robinson T*, Xia L, Grimes J, **Wisco JJ**. A Novel Scale for the Evaluation of Physician Drawn Medical Illustrations. J Vis Commun Med 2023; https://doi.org/10.1080/17453054.2023.2228849 *Braha N, Cengiz K, Donohoo N, Zhu C, Oddo B, Lee C, Siegel N, Robinson T*, Schmidt E, **Wisco JJ**. A multidisciplinary approach: improving physician visual communication via clinical sketches. J Vis Commun Med 2025; https://doi.org/10.1080/17453054.2025.2458564	

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Mentee, degree(s)	**Dates**	**Manuscript or product produced**	**Mentee Current Position**
Ali Aijaz, MD	2021-2025	*Wang J, Aijaz A, Dabbara H, Goodman D, Cassidy B, Claus L, Landau-Taylor J, Prasad M, Baribeau V*, Xu H, McFadden G, **Wisco JJ**. Creation of a 4-view cardiac exam for assessment of ultrasound competency in pre-clerkship medical students. Anat Sci Edu 2025; http://doi.org/10.1002/ase.70096	
Harika Dabbara, MD	2021-2025	*Wang J, Aijaz A, Dabbara H, Goodman D, Cassidy B, Claus L, Landau-Taylor J, Prasad M, Baribeau V*, Xu H, McFadden G, **Wisco JJ**. Creation of a 4-view cardiac exam for assessment of ultrasound competency in pre-clerkship medical students. Anat Sci Edu 2025; http://doi.org/10.1002/ase.70096	
Justin Wang, MD	2021-2025	*Wang J, Aijaz A, Dabbara H, Goodman D, Cassidy B, Claus L, Landau-Taylor J, Prasad M, Baribeau V*, Xu H, McFadden G, **Wisco JJ**. Creation of a 4-view cardiac exam for assessment of ultrasound competency in pre-clerkship medical students. Anat Sci Edu 2025; http://doi.org/10.1002/ase.70096	
Deniz Goodman, MD	2021-2025	*Wang J, Aijaz A, Dabbara H, Goodman D, Cassidy B, Claus L, Landau-Taylor J, Prasad M, Baribeau V*, Xu H, McFadden G, **Wisco JJ**. Creation of a 4-view cardiac exam for assessment of ultrasound competency in pre-clerkship medical students. Anat Sci Edu 2025; http://doi.org/10.1002/ase.70096	
Elisabeth Black, MD	2022-2023	*Black E, Rasch A*, Wimmer T, Li A, Cieslak S, Steed KS, Adhikari RD, **Wisco JJ**, Hutchinson B. The Effects of Age, Genotype, and an Oxidative Stress-Inducing Diet on Hippocampal Subfield Biomarkers in an ApoE Mouse Model. Eur J Neurosci 2023 Feb 12; https://doi.org/10.1111/ejn.15933	Neurology

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Mentee, degree(s)	**Dates**	**Manuscript or product produced**	**Mentee Current Position**
Abbey Rasch, MD	2022-2023	*Black E, Rasch A*, Wimmer T, Li A, Cieslak S, Steed KS, Adhikari RD, **Wisco JJ**, Hutchinson B. The Effects of Age, Genotype, and an Oxidative Stress-Inducing Diet on Hippocampal Subfield Biomarkers in an ApoE Mouse Model. Eur J Neurosci 2023 Feb 12; https://doi.org/10.1111/ejn.15933	Pediatrics
Thomas McNamara, MD	2022-2026	*Hill CJ, McNamara T, Ringel R, Scheuer LS,* Elzie C, Offner G, Neri C, Cohen-Osher M, Garg PS, **Wisco JJ.** Student and Faculty Differences in Perceived Utility of Learning Objectives in Pre-Clerkship Self-Learning Guides. *Med Sci Educ* 2025. https://doi.org/10.1007/s40670-025-02316-9 *McNamara T, Ringel R, Scheuer LS, Hill C*, Offner GD, Neri CM, Cohen-Osher MB, Garg PS, **Wisco JJ**. Short and Sweet: Reducing Extrinsic Cognitive Load When Authoring Self-Study Materials for Medical Students. Med Sci Educ 2025; https://doi.org/10.1007/s40670-025-02564-9	Internal Medicine
Roey Ringel, MD	2022-2026	*Hill CJ, McNamara T, Ringel R, Scheuer LS,* Elzie C, Offner G, Neri C, Cohen-Osher M, Garg PS, **Wisco JJ.** Student and Faculty Differences in Perceived Utility of Learning Objectives in Pre-Clerkship Self-Learning Guides. *Med Sci Educ* 2025. https://doi.org/10.1007/s40670-025-02316-9 *McNamara T, Ringel R, Scheuer LS, Hill C*, Offner GD, Neri CM, Cohen-Osher MB, Garg PS, **Wisco JJ**. Short and Sweet: Reducing Extrinsic Cognitive Load When Authoring Self-Study Materials for Medical Students. Med Sci Educ 2025; https://doi.org/10.1007/s40670-025-02564-9	Internal Medicine

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Mentee, degree(s)	**Dates**	**Manuscript or product produced**	**Mentee Current Position**
Cameron Hill	2022-2026	*Hill CJ, McNamara T, Ringel R, Scheuer LS,* Elzie C, Offner G, Neri C, Cohen-Osher M, Garg PS, **Wisco JJ.** Student and Faculty Differences in Perceived Utility of Learning Objectives in Pre-Clerkship Self-Learning Guides. *Med Sci Educ* 2025. https://doi.org/10.1007/s40670-025-02316-9 *McNamara T, Ringel R, Scheuer LS, Hill C*, Offner GD, Neri CM, Cohen-Osher MB, Garg PS, **Wisco JJ**. Short and Sweet: Reducing Extrinsic Cognitive Load When Authoring Self-Study Materials for Medical Students. Med Sci Educ 2025; https://doi.org/10.1007/s40670-025-02564-9	MD student
Luke Scheuer, MD	2022-2026	*Hill CJ, McNamara T, Ringel R, Scheuer LS,* Elzie C, Offner G, Neri C, Cohen-Osher M, Garg PS, **Wisco JJ.** Student and Faculty Differences in Perceived Utility of Learning Objectives in Pre-Clerkship Self-Learning Guides. *Med Sci Educ* 2025. https://doi.org/10.1007/s40670-025-02316-9 *McNamara T, Ringel R, Scheuer LS, Hill C*, Offner GD, Neri CM, Cohen-Osher MB, Garg PS, **Wisco JJ**. Short and Sweet: Reducing Extrinsic Cognitive Load When Authoring Self-Study Materials for Medical Students. Med Sci Educ 2025; https://doi.org/10.1007/s40670-025-02564-9	Psychiatry
Patrick Hannan, MD	2022-2026	*Hannan P, Hansen C, Chatham J, Capen T, Soares B*, **Wisco JJ**, Lin DC. Duplicated and dilated ovarian vein with coexistence of persistent mesonephric artery. Surg Radiol Anat 2024; https://doi.org/10.1007/s00276-024-03461-3	Pathology

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Mentee, degree(s)	**Dates**	**Manuscript or product produced**	**Mentee Current Position**
Benjamin Soares, MD	2022-2026	*Hannan P, Hansen C, Chatham J, Capen T, Soares B*, **Wisco JJ**, Lin DC. Duplicated and dilated ovarian vein with coexistence of persistent mesonephric artery. Surg Radiol Anat 2024; https://doi.org/10.1007/s00276-024-03461-3	Radiology
Neoreet Braha, MD	2022-2026	*Braha N, Cengiz K, Donohoo N, Zhu C, Oddo B, Lee C, Siegel N, Robinson T*, Schmidt E, **Wisco JJ**. A multidisciplinary approach: improving physician visual communication via clinical sketches. J Vis Commun Med 2025; https://doi.org/10.1080/17453054.2025.2458564	Pediatrics
Nancy Donohoo	2022-2026	*Braha N, Cengiz K, Donohoo N, Zhu C, Oddo B, Lee C, Siegel N, Robinson T*, Schmidt E, **Wisco JJ**. A multidisciplinary approach: improving physician visual communication via clinical sketches. J Vis Commun Med 2025; https://doi.org/10.1080/17453054.2025.2458564	MD/PhD student
Crystal Zhu	2022-2026	*Braha N, Cengiz K, Donohoo N, Zhu C, Oddo B, Lee C, Siegel N, Robinson T*, Schmidt E, **Wisco JJ**. A multidisciplinary approach: improving physician visual communication via clinical sketches. J Vis Commun Med 2025; https://doi.org/10.1080/17453054.2025.2458564	MD/PhD student
Sarah Schroter	2022-2026	*Schroter S, Kolus R*, **Wisco JJ**. Incorporating engineering educational methods into medical education. Medical Teacher 2024; https://doi.org/10.1080/0142159X.2024.2316200	MD student
Maura Null, MS	2023-2025	*Null M, O'Quin, M, Shearer J*, **Wisco JJ**, Lin D. Circumaortic left renal vein with an accessory retroaortic branch in a cadaver: A rare combination of type I and III variants. *Translational Research in Anatomy* 2025; **41**, 100447. https://doi.org/10.1016/j.tria.2025.100447	

Selected from 2 postdoctoral fellows, 108 graduate and professional degree students, 136 undergraduate students (Journal articles and grants only)			
Mentee, degree(s)	**Dates**	**Manuscript or product produced**	**Mentee Current Position**
Jake Shearer, MS	2023-	*Null M, O'Quin, M, Shearer J*, **Wisco JJ**, Lin D. Circumaortic left renal vein with an accessory retroaortic branch in a cadaver: A rare combination of type I and III variants. *Translational Research in Anatomy* 2025; **41**, 100447. https://doi.org/10.1016/j.tria.2025.100447	PhD student
Kayra Cengiz	2023-	*Salas A*, *Tan M*, Andrienko S, *Cengiz K* and **Wisco JJ** Reaching the top of Bloom's Taxonomy: an innovative pilot program for preclinical undergraduate and medical school students to create curricula for STEMM outreach/service-learning programs. Front Educ 2024;9:1446513. doi: 10.3389/feduc.2024.1446513 *Braha N, Cengiz K, Donohoo N, Zhu C, Oddo B, Lee C, Siegel N, Robinson T*, Schmidt E, **Wisco JJ**. A multidisciplinary approach: improving physician visual communication via clinical sketches. J Vis Commun Med 2025; https://doi.org/10.1080/17453054.2025.2458564	MD student
Mingqian Tan	2023-	*Salas A*, *Tan M*, Andrienko S, *Cengiz K* and **Wisco JJ** Reaching the top of Bloom's Taxonomy: an innovative pilot program for preclinical undergraduate and medical school students to create curricula for STEMM outreach/service-learning programs. Front Educ 2024;9:1446513. doi: 10.3389/feduc.2024.1446513 *Tan M*, Cohen-Osher M, **Wisco JJ**, Garg PS. A Qualitative Analysis of Student Perspectives on Key Elements of Flipped Classroom Prework. Med Sci Educ 2025; https://doi.org/10.1007/s40670-025-02494-6	MD student
Kayla Lavery, MS	2024-2025	*Lavery K*, MacNeil M, **Wisco JJ**. Game-based learning session on gastrointestinal tract histology. *Anat Sci Educ* 2025 Dec 10. https://doi.org/10.1002/ase.70152 PMID: 41373106	

Selected from 2 postdoctoral fellows, 108 graduate and professional degree students, 136 undergraduate students (Journal articles and grants only)			
Mentee, degree(s)	**Dates**	**Manuscript or product produced**	**Mentee Current Position**
Marisol Lopez, PhD, EdD	2023-2026	Lopez ME, Wisco JJ. Assessing multiple-choice questions based on best practices to promote equity in a dental physiology course. *Adv Physiol Educ* 2026 submitted Lopez ME, Urrutia G, Wisco JJ. Student Perceptions of Flawed Multiple-Choice Questions and Fairness in Assessment. *Adv Physiol Educ* 2026 submitted	Faculty member, Boston University Aram V. Chobanian & Edward Avedisian School of Medicine
Undergraduate Student			
Kylen Zibetti	2012-2013	Ascanio J, Schmalz N, Anderson DC, Zibetti K, Wilkes D, Gamboa JE, Vogelsang D, Stark ME, **Wisco JJ**. Shared distal insertion of the gluteus medius and pirformis muscles and implications for rehabilitation exercises. MOJ Anat & Physiol 2017; 3(2): 00089. https://doi.org/10.15406/mojap.2017.03.00089	
Brigham Barzee, MD	2012-2014		
Jake Gamboa, MD	2012-2015	Ascanio J, Schmalz N, Anderson DC, Zibetti K, Wilkes D, Gamboa JE, Vogelsang D, Stark ME, **Wisco JJ**. Shared distal insertion of the gluteus medius and pirformis muscles and implications for rehabilitation exercises. MOJ Anat & Physiol 2017; 3(2): 00089. https://doi.org/10.15406/mojap.2017.03.00089	
Michael Gillespie, MD	2012-2015	Smith DT, Cook SL, Gillespie MA, *Stevens KA, Reynolds HC,* Hurd RC, **Wisco JJ**. High-speed video capture of anterior cruciate ligament tearing in human and porcine ex vivo specimens. Biol Eng Med 2018; 3(2): 1-4. https://doi.org/10.15761/BEM.1000137	

Selected from 2 postdoctoral fellows, 108 graduate and professional degree students, 136 undergraduate students (Journal articles and grants only)			
Mentee, degree(s)	**Dates**	**Manuscript or product produced**	**Mentee Current Position**
Adam Jorgensen, MD, PhD	2012-2015	Hilton A, Jorgensen A, Gardiner B, Robison S, Lambert HW, Morton DA, **Wisco JJ**. Sihler's stain visualization of myelinated cardiac plexus fiber attenuation in the AV node and the mitral valve as a result of heart failure. Cardiovascular Dis Med 2018;3(5):1-7. https://doi.org/10.15761/CDM.1000179	
David Vogelsang, MBA, MD	2012-2015	Ascanio J, Schmalz N, Anderson DC, Zibetti K, Wilkes D, Gamboa JE, Vogelsang D, Stark ME, **Wisco JJ**. Shared distal insertion of the gluteus medius and pirformis muscles and implications for rehabilitation exercises. MOJ Anat & Physiol 2017; 3(2): 00089. https://doi.org/10.15406/mojap.2017.03.00089	
Daniel Wilkes, DPM	2012-2015	Ascanio J, Schmalz N, Anderson DC, Zibetti K, Wilkes D, Gamboa JE, Vogelsang D, Stark ME, **Wisco JJ**. Shared distal insertion of the gluteus medius and pirformis muscles and implications for rehabilitation exercises. MOJ Anat & Physiol 2017; 3(2): 00089. https://doi.org/10.15406/mojap.2017.03.00089	
Brett Gardiner	2012-2016	Hilton A, Jorgensen A, Gardiner B, Robison S, Lambert HW, Morton DA, **Wisco JJ**. Sihler's stain visualization of myelinated cardiac plexus fiber attenuation in the AV node and the mitral valve as a result of heart failure. Cardiovascular Dis Med 2018;3(5):1-7. https://doi.org/10.15761/CDM.1000179	
Scott Robison	2012-2016	Hilton A, Jorgensen A, Gardiner B, Robison S, Lambert HW, Morton DA, **Wisco JJ**. Sihler's stain visualization of myelinated cardiac plexus fiber attenuation in the AV node and the mitral valve as a result of heart failure. Cardiovascular Dis Med 2018;3(5):1-7. https://doi.org/10.15761/CDM.1000179	

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Mentee, degree(s)	**Dates**	**Manuscript or product produced**	**Mentee Current Position**
Marc Christiansen	2013-2015	*Mason NL*, Christiansen M, **Wisco JJ**. 3D reconstruction and heat map of porcine recurrent laryngeal nerve anatomy: branching and spatial location. Italian Journal of Anatomy and Embryology. 2015;120(3):184-91	
Javier Ascanio, DPT	2013-2015	Ascanio J, Schmalz N, Anderson DC, Zibetti K, Wilkes D, Gamboa JE, Vogelsang D, Stark ME, **Wisco JJ**. Shared distal insertion of the gluteus medius and pirformis muscles and implications for rehabilitation exercises. MOJ Anat & Physiol 2017; 3(2): 00089. https://doi.org/10.15406/mojap.2017.03.00089	
Dallin Anderson, DPT	2013-2015	Ascanio J, Schmalz N, Anderson DC, Zibetti K, Wilkes D, Gamboa JE, Vogelsang D, Stark ME, **Wisco JJ**. Shared distal insertion of the gluteus medius and pirformis muscles and implications for rehabilitation exercises. MOJ Anat & Physiol 2017; 3(2): 00089. https://doi.org/10.15406/mojap.2017.03.00089	
Jamison Harvey, MD	2014-2015	Harvey JA, Call Z, Peterson K, **Wisco JJ**. Weave Pattern of Accessory Heads to the Anterior Digastric Muscle. Surg Radiol Anat 2015 Oct;37(8):1001-4. https://doi.org/10.1007/s00276-014-1401-8	
Katrina Peterson, NP	2014-2015	Harvey JA, Call Z, Peterson K, **Wisco JJ**. Weave Pattern of Accessory Heads to the Anterior Digastric Muscle. Surg Radiol Anat 2015 Oct;37(8):1001-4. https://doi.org/10.1007/s00276-014-1401-8	
Zach Call, MD	2014-2015	Harvey JA, Call Z, Peterson K, **Wisco JJ**. Weave Pattern of Accessory Heads to the Anterior Digastric Muscle. Surg Radiol Anat 2015 Oct;37(8):1001-4. https://doi.org/10.1007/s00276-014-1401-8	

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Mentee, degree(s)	**Dates**	**Manuscript or product produced**	**Mentee Current Position**
Ty Hancock, MBA	2014-2018	*Adhikari R, Steed KS, Hutchinson B, Wang B, Mendoza M*, Staudte R, Atmojo M, Cox P, Hancock T, Barkdull K, Harris M, Watt R, Bangerter N, **Wisco JJ**. Hippocampal T2 Signal Loss and Decreased Radial Arm Maze Performance in Transgenic Murine Model for AD. Brain and Nerves 2020; https://doi.org/10.15761/JBN.1000127	
Maya Atmojo	2015-2017	*Adhikari R, Steed KS, Hutchinson B, Wang B, Mendoza M*, Staudte R, Atmojo M, Cox P, Hancock T, Barkdull K, Harris M, Watt R, Bangerter N, **Wisco JJ**. Hippocampal T2 Signal Loss and Decreased Radial Arm Maze Performance in Transgenic Murine Model for AD. Brain and Nerves 2020; https://doi.org/10.15761/JBN.1000127	
Kyle Barkdull, DO	2015-2018	*Adhikari R, Steed KS, Hutchinson B, Wang B, Mendoza M*, Staudte R, Atmojo M, Cox P, Hancock T, Barkdull K, Harris M, Watt R, Bangerter N, **Wisco JJ**. Hippocampal T2 Signal Loss and Decreased Radial Arm Maze Performance in Transgenic Murine Model for AD. Brain and Nerves 2020; https://doi.org/10.15761/JBN.1000127	
Parker Cox	2015-2018	*Adhikari R, Steed KS, Hutchinson B, Wang B, Mendoza M*, Staudte R, Atmojo M, Cox P, Hancock T, Barkdull K, Harris M, Watt R, Bangerter N, **Wisco JJ**. Hippocampal T2 Signal Loss and Decreased Radial Arm Maze Performance in Transgenic Murine Model for AD. Brain and Nerves 2020; https://doi.org/10.15761/JBN.1000127 *Cieslak SG, Hutchinson B, Adhikari R, Steed KS,* Staudte RS, Cox P, Rasch A, Black E, *Araujo A*, **Wisco JJ**. The effects of *L*-Cysteine on Alzheimer's disease pathology in *APOE2*, *APOE3*, and *APOE4* homozygous mice. Brain and Nerves 2020; https://doi.org/10.15761/JBN.1000128	Medical student at University of Utah School of Medicine

Selected from 2 postdoctoral fellows, 108 graduate and professional degree students, 136 undergraduate students (Journal articles and grants only)			
Mentee, degree(s)	**Dates**	**Manuscript or product produced**	**Mentee Current Position**
Devon Smith	2015-2018	Smith DT, Cook SL, Gillespie MA, *Stevens KA, Reynolds HC,* Hurd RC, **Wisco JJ**. High-speed video capture of anterior cruciate ligament tearing in human and porcine ex vivo specimens. Biol Eng Med 2018; 3(2): 1-4. https://doi.org/10.15761/BEM.1000137	Medical student at Oregon Health and Sciences University
Alistair Hilton, MD	2015-2018	Hilton A, Jorgensen A, Gardiner B, Robison S, Lambert HW, Morton DA, **Wisco JJ**. Sihler's stain visualization of myelinated cardiac plexus fiber attenuation in the AV node and the mitral valve as a result of heart failure. Cardiovascular Dis Med 2018;3(5):1-7. https://doi.org/10.15761/CDM.1000179	
Matthew Harris	2016-2018	*Adhikari R, Steed KS, Hutchinson B, Wang B, Mendoza M*, Staudte R, Atmojo M, Cox P, Hancock T, Barkdull K, Harris M, Watt R, Bangerter N, **Wisco JJ**. Hippocampal T2 Signal Loss and Decreased Radial Arm Maze Performance in Transgenic Murine Model for AD. Brain and Nerves 2020; https://doi.org/10.15761/JBN.1000127 Harris ML, Bennion E, Magnusson KR, Howard VJ, Wadley VG, McClure LA, Levine DA, Manly JJ, Avila JF, Glymour MM, **Wisco JJ**, Thacker EL. Rural versus urban residence in adulthood and incident cognitive impairment. Neuroepidemiology 2023 May 16. https://doi.org/10.1159/000530961	Medical student

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Mentee, degree(s)	**Dates**	**Manuscript or product produced**	**Mentee Current Position**
Ryan Staudte	2016-2018	*Adhikari R, Steed KS, Hutchinson B, Wang B, Mendoza M*, Staudte R, Atmojo M, Cox P, Hancock T, Barkdull K, Harris M, Watt R, Bangerter N, **Wisco JJ**. Hippocampal T2 Signal Loss and Decreased Radial Arm Maze Performance in Transgenic Murine Model for AD. Brain and Nerves 2020; https://doi.org/10.15761/JBN.1000127 *Cieslak SG, Hutchinson B, Adhikari R, Steed KS,* Staudte RS, Cox P, Rasch A, Black E, *Araujo A*, **Wisco JJ**. The effects of *L*-Cysteine on Alzheimer's disease pathology in *APOE2*, *APOE3*, and *APOE4* homozygous mice. Brain and Nerves 2020; https://doi.org/10.15761/JBN.1000128	
Abbey Rasch	2017-2018	*Cieslak SG, Hutchinson B, Adhikari R, Steed KS,* Staudte RS, Cox P, Rasch A, Black E, *Araujo A*, **Wisco JJ**. The effects of *L*-Cysteine on Alzheimer's disease pathology in *APOE2*, *APOE3*, and *APOE4* homozygous mice. Brain and Nerves 2020; https://doi.org/10.15761/JBN.1000128	Medical student at Boston University CAMed
Elisabeth Black	2017-2018	*Cieslak SG, Hutchinson B, Adhikari R, Steed KS,* Staudte RS, Cox P, Rasch A, Black E, *Araujo A*, **Wisco JJ**. The effects of *L*-Cysteine on Alzheimer's disease pathology in *APOE2*, *APOE3*, and *APOE4* homozygous mice. Brain and Nerves 2020; https://doi.org/10.15761/JBN.1000128	Medical student at Georgetown University School of Medicine
Lauren Malmgren, RN	2017-2018		
Ashvini Melkote	2019-2020		Pharmacology PhD student at University of Texas, Austin

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Mentee, degree(s)	**Dates**	**Manuscript or product produced**	**Mentee Current Position**
Alexis Sotelo	2019-2021	Kania B, *Sotelo A*, *Ty D*, **Wisco JJ**. The Prevention of Inflammation and the Maintenance of Iron and Hepcidin Homeostasis in the Gut, Liver and Brain Pathologies. J Alzheimers Dis. 2023;92(3):769-789. https://doi.org/10.3233/JAD-220224	
Chloe Amsterdam	2019-2021		Medical student at Ohio State University School of Medicine
Barbie Kania	2019-2023	Kania B, *Sotelo A*, *Ty D*, **Wisco JJ**. The Prevention of Inflammation and the Maintenance of Iron and Hepcidin Homeostasis in the Gut, Liver and Brain Pathologies. J Alzheimers Dis. 2023;92(3):769-789. https://doi.org/10.3233/JAD-220224	
Bailey Bunch, RN	2022-present	*Lin D,* Bunch B, *Zuim Dantas De Souza R, Chen D, Zhou J*, Zumwalt A, **Wisco JJ**. Effectiveness of Pedagogical Tools for Teaching Medical Gross Anatomy During the Covid-19 Pandemic. *Med Sci Edu* 2022 Feb 24;1-12. https://doi.org/10.1007/s40670-022-01524-x *Lin D, Zuim Dantas De Souza R, Fefferman A, Baribeau V*, Bunch B, Zumwalt A, **Wisco JJ**. Unusual bilateral variation of the flexor digitorum accessorius longus and its relation on tarsal tunnel syndrome. Surg Radiol Anat 2021 Dec;43(12):2083-2086. https://doi.org/10.1007/s00276-021-02840-4	
Annmarie Allos	2022-	*Filimonov A*, Gates A, Allos AN, Billings HJ, Goldina A, **Wisco JJ**. A Call to Action for Improving LGBTQIA2S+ Inclusive Policies and Practices in Educating Science and Medical Professionals. Med Sci Edu 2023; https://doi.org/10.1007/s40670-023-01797-w	

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Mentee, degree(s)	**Dates**	**Manuscript or product produced**	**Mentee Current Position**
Alexandra Gates	2022-2023	*Filimonov A*, Gates A, Allos AN, Billings HJ, Goldina A, **Wisco JJ**. A Call to Action for Improving LGBTQIA2S+ Inclusive Policies and Practices in Educating Science and Medical Professionals. Med Sci Edu 2023; https://doi.org/10.1007/s40670-023-01797-w	
Post-Doc/Fellow			
Steve Schettler, PhD	2009-2011	Translational Research Fund, Department of Pathology and Laboratory Medicine, David Geffen School of Medicine at UCLA PI: Steven P. Schettler, Ph.D., Ex vivo pathologic validation of 7T MRI imaging system in Alzheimer's disease: a novel morphometric study using digital pathology, Total Cost $8,000, Role: Co-Investigator *Nazaran A*, **Wisco JJ**, *Hageman N*, Schettler SP, *Wong A*, Vinters HV, Teng C-C, Bangerter NK. Methodology for computing white matter nerve fiber orientation in human histological slices. Journal of Neuroscience Methods. 2016;261:75-84. doi: http://dx.doi.org/10.1016/j.jneumeth.2015.11.023	Associate Professor, UMass Chan Medical School, Department of Radiology
Smart Mbagwu, PhD	2021-2022		Instructor, University of Calgary

Other Professional Activities:

Professional Societies: Memberships, Offices, and Committee Assignments:

Beta Beta Beta Biological Honor Society
1993-1994 Member

Society for Neuroscience
1998- Member
2013-2018 Academic Mentor

Sigma Xi Honorary Scientific Society
1999-2018 Member

American Association for the Advancement of Science
1999- Member

American Association of Anatomists
2000- Member
2009- Academic Mentor
2020- Member, Advisory Board for the Virtual Dissection Database (VDD)
2022-2023 Member, Awards Task Force
2023- Mentor, Developing and Elevating Leaders with Tools for Advancement

International Society for Magnetic Resonance in Medicine
2005- Member

American Association of Clinical Anatomists
2007- Member
2011-2013 Financial Affairs Committee, Presidential Appointee
2012-2015 Chair, Publicity ad hoc Committee, Presidential Appointee
2012-2015 Career Development Committee, Presidential Appointee
2013-2016 Educational Affairs Committee, Presidential Appointee
2014-2015 Chair, Career Development Committee, Presidential Appointee
2014-2015 Annual Meeting Planning Committee, Presidential Appointee
2014-2015 Meeting Oversight Program Planning Committee, Presidential Appointee
2014-2015 Chair, Regional Meeting Committee, Presidential Appointee
2014-2015 AACA/AAA Joint Initiatives Subcommittee on Regional Meetings, Presidential Appointee
2015-2018 Chair, Brand Promotion and Outreach Committee, Presidential Appointment
2018-2020 Emeritus Chair, Brand Promotion and Outreach Committee
2020-2025 Member, Diversity, Equity, and Inclusion Committee

International Association of Medical Science Educators
2007- Member
2009-2010 International Conference Planning Committee
2010-2024 Educational Scholarship Committee
2011-2012 Technology Planning Program Sub-Committee
2013-2014 Incoming Chair, International Conference Planning Committee
2014-2015 Chair, Conference Program Planning Committee
2014-2024 Professional Development Committee
2015-2016 Emeritus Chair, Conference Program Planning Committee
2016-2021 Member, Board of Directors (elected)
2020-2024 Member, #IAMSECafe Organizing Committee (appointed)
2021-2024 Chair, Professional Development Committee
2021-2025 Chair, Professional Development Committee, Professional Development Workshops Task Force
2026- Member, Board of Directors (elected)

Parametric Human Project
2013-2018 Member

MedU Anatomy Team
2014-2015 Member

Human Anatomy and Physiology Society

2014- Member
2018-2020 Chair, Membership Committee, Presidential Appointee
2018- Member, Diversity, Equity, and Inclusion (DEI) committee

National Institutes of Health
2016-2018 Loan Repayment Program Ambassador

3D4Medical
2020-2024 Member, Advisory Board for Complete Anatomy

Biodigital
2020-2024 Member, Advisory Board

Association of STEMM Pathways and Bridge Programs
2021- Member
2022-2025 Treasurer

Editorial Boards:

2008-2015 Reviewer*, NeuroImage*
2008-2015 Reviewer, Archives of General Psychiatry
2008-2012 Reviewer, Health Education Assets Library (HEAL)
2010-2011 Breakthroughs in Bioscience Scientific Advisor, Federation of American Societies for Experimental Biology
2010- Scientific Advisory Board, International Journal of Anatomical Variations (IJAV)
2010- Reviewer, Clinical Anatomy
2010-2015 Reviewer, Schizophrenia Bulletin
2012- Reviewer, MedEdPORTAL
2012-2018 Reviewer, Journal of Anesthesia & Clinical Research
2012-2018 Scientific Advisory Board, International Scholarly Research Network (ISRN) – Anatomy
2013-2018 Reviewer, Local and Regional Anesthesia
2013-2017 Scientific Advisory Board, Primal Pictures
2014- Editorial Board, Journal of Medical Education and Curricular Development (JMECD)
2014- Reviewer, Anatomical Record
2016-2020 Guest Editor, Diagnostics (Special Issue "Alzheimer's Disease Imaging Biomarkers")
2019-2020 Reviewer, Thieme Publishing
2022- Associate Editor, Anatomical Sciences Education (ASE)

2023-2024 Guest Editor, Frontiers in Public Health (Special Issue “Evidence-based Outreach/Service-learning to Improve Health-related Self-efficacy through STEMM Education”)
2026- Associate Editor, Frontiers in Education: Teacher Education

Major Committee Assignments:

Study Sections:

National Institutes of Health:

2013	ZNS1 SRB-N(04) EUREKA; National Institute of Neurological Disorders And Stroke Special Emphasis Panel, National Institutes of Health
2015	NIH Director's Early Independence Award applications (DP5), Risk, Prevention and Health Behavior (RPHB), Integrated Review Group; Division of AIDS, Behavior and Population Sciences (DABP), Center for Scientific Review (CSR), National Institutes of Health
2015	Fellowship review on Voice, Speech and Language for Council 2015/10, National Institute on Deafness and Other Communications Disorders (NIDCD), National Institutes of Health
2019	ZDC1 SRB-R(39) Voice, Speech, and Language Translational Research Review; National Institute on Deafness and Other Communication Disorders (NIDCD), National Institutes of Health
2021	ZRG1 ETTN-P(89) Special Topics: Brain Imaging, Modeling and Computational Analyses, Emerging Imaging Technologies in Neuroscience (EITN); Brain Imaging, Vision, Bioengineering and Low Vision Technology Development (BIVT), Division of Neuroscience, Development and Aging, Center for Scientific Review (CSR), National Institutes of Health
2023	ZRG1 BN-R(86) Neuroscience AREA Grant Applications, Division of Neuroscience, Development and Aging; Center for Scientific Review (CSR), National Institutes of Health
2024	ZRG1 AN-W (55) R; Neurovascular, Metabolic, and Sleep Factors Involved in Alzheimer's Disease and Related Dementias; Center for Scientific Review (CSR), National Institutes of Health
2024	AGCD2 K01; Aging Career Development, Center for Scientific Review (CSR), National Institutes of Health
2025	Pathophysiological Basis of Mental Disorders and Addictions (PMDA) Study Section, Brain Disorders and Clinical Neuroscience Integrated Review Group; Center for Scientific Review (CSR), National Institutes of Health
2025	Special Emphasis Panel/Scientific Review Group 2026/01 ZRG1 BP-Y (51), Center for Scientific Review (CSR), National Institutes of Health
2026	Special Emphasis Panel/Scientific Review Group 2026/05 ZRG1 BP-Y (51), enter for Scientific Review (CSR), National Institutes of Health

Foundation:

2016-2020	The Ed and Ethel Moore Alzheimer's Disease Research Program, Florida Department of Health

Other Support:

Current:

2023-2028	1R25NS125607-01A1 co-PIs: Jonathan J. Wisco, PhD, R. Jarrett Rushmore, PhD Enhancing Diversity in the Summer Program in Neuroscience at Boston University **Cost, Total:** $662,902 ***Role***: PI
2014-present	Annual Private Donation to the Laboratory for Translational Anatomy of Degenerative Diseases and Developmental Disorders (TAD4) from Dr. Sally McGinty PI: Jonathan J. Wisco, PhD **Cost, Total:** ongoing ***Role***: PI

Past:

2000-2001 Graduate Student Research Fellowship, Boston University School of Medicine
PI: Jonathan J. Wisco
Examination of brain morphology and metabolism in a non-human primate model for aging and cerebrovascular disease using Magnetic Resonance Imaging (MRI) and Magnetic Resonance Spectroscopy (MRS)
Cost, Total: $5,000
Role: PI

2000-2003 5F31AG05897 NIH/NIA PI: Jonathan J. Wisco
Anatomical and behavioral analysis of a non-human primate model for aging and cerebrovascular disease using Magnetic Resonance Imaging (MRI)
Cost, Total: stipend and academic fees
Role: PI

2003-2006 Glaxo-Smith-Kline PI: Greg Sorensen, MD
Diffusion Tensor and Functional Imaging of the Thalamus in Schizophrenia
Cost, Total: $51,240
Role: Postdoctoral fellow

2004-2006 5T32CA09502 NIH/NCI PI: Greg Sorensen, MD
Nuclear Magnetic Resonance Research
Cost, Total: $58,560
Role: Postdoctoral fellow

2007-2010 Exploratory Research Fund, Department of Radiology, David Geffen School of Medicine at UCLA PI: Ed Zaragoza, MD
Analysis of hip joint geometry and motion in osteoarthritis using high-resolution CT and MRI techniques: a pilot study using cadaver and live human subjects
Cost, Total: $5,050
Role: Co-Investigator

2009-2010 Translational Research Fund, Department of Pathology and Laboratory Medicine, David Geffen School of Medicine at UCLA PI: Steven P. Schettler, PhD
Ex vivo pathologic validation of 7T MRI imaging system in Alzheimer's disease: a novel morphometric study using digital pathology
Cost, Total: $8,000
Role: Co-Investigator

2009-2012 3P41RR013642-12S1 NIH/NCRR PI: Arthur Toga, PD
Computational anatomy and multidimensional modeling
Cost, Total: $397,641
Role: Co-Investigator

2010-2011 American Association of Anatomists Visiting Scholarship PI: Jonathan J. Wisco, PhD
Quantitative 3D reconstruction technique for neuromuscular structures
Cost, Total: $1,000
Role: PI

2010 Private Donation to the Laboratory for Translational Anatomy of Degenerative Diseases and Developmental Disorders (TAD4) from Dr. Sally McGinty PI: Jonathan J. Wisco, PhD
Cost, Total: $10,200
Role: PI

2011 Translational Research Fund, Department of Pathology and Laboratory Medicine, David Geffen School of Medicine at UCLA PI: Jonathan J. Wisco, PhD

Non-invasive evaluation of progressive beta amyloid neuropathology in a transgenic mouse model
Cost, Total: $9,528
Role: PI

2011-2013 1R21AG037843-02 NIH/NIA PI: Jonathan J. Wisco, PhD
Histologically validated structural MR imaging biomarkers for Alzheimer's Disease
Cost, Total: $223,455
Role: PI

2012-2013 The Albert Schweizter Fellowship Co-PI: Kenechukwu Ojukwu, Molly Diaz, Jonathan J. Wisco, PhD
Anatomy Academy
Cost, Total: $5,000
Role: Co-PI

2012-2014 Clinical Research Loan Repayment Program PI: Jonathan J. Wisco, PhD
Establishing a histologically validated Alzheimer's disease (AD) Magnetic Resonance Imaging (MRI) brain atlas and biomarker
Cost, Total: N/A
Role: PI

2012-2015 Mentoring Environment Grant, College of Life Sciences, Brigham Young University PI: Jonathan J. Wisco, PhD
Toward an imaging biomarker for Alzheimer's disease
Cost, Total: $60,000
Role: PI

2012-2013 Teaching Enhancement Grant, College of Life Sciences, Brigham Young University PI: Jonathan J. Wisco, PhD
A Problem Based Learning (PBL) Approach to Enhance the Anatomy Lecture Experience
Cost, Total: $6,875
Role: PI

2012-2015 Mentoring Environment Grant, College of Life Sciences, Brigham Young University PI: Jonathan J. Wisco, PhD
Development of an MRI-histology Image Registration Technique for the Vocal Folds to Inform Creation of Biomechanical Models of Phonation
Cost, Total: $10,000
Role: PI

2013 Gerontology Research Grant Award, Gerontology Program, School of Family Life, Brigham Young University PI: Jonathan J. Wisco, PhD
Histological Validation of Alzheimer's Disease MRI Biomarkers
Cost, Total: $10,000
Role: PI

2013-2014 Mentored Research Environment Grant, Office of Research & Creative Activities, Brigham Young University PI: Gary Seastrand, EdD
Experiential Learning of Science and Health Teaching Competencies through Anatomy Academy
Cost, Total: $20,000
Role: Co-Investigator

2013-2014 Mentored Research Environment Grant, Office of Research & Creative Activities, Brigham Young University PI: Jane Lassetter, RN, NP, PhD
Anatomy Academy: The Impact on Nursing Student Coordinators
Cost, Total: $20,000

Role: Co-Investigator

2013-2014 Engaged Learning Grant, Office of Engaged Learning, Utah Valley University PI: Heather Wilson-Ashworth, PhD
Anatomy Academy: An interdisciplinary educational intervention to fight obesity
Cost, Total: $10,000
Role: Co-Investigator

2013-2014 Course Development Project Grant, College of Life Sciences, Brigham Young University PI: Jonathan J. Wisco, PhD
Toward a flipped classroom pedagogy for the anatomy laboratory class
Cost, Total: $300
Role: PI

2013-2016 Research Cluster Grant, David O. McKay School of Education, Brigham Young University Co-PI: Teresa Gabrielsen, Blake Hansen
Improving the Lives of Children with Autism and Their Families Through Interdisciplinary Research, Training, and Community Partnerships
Cost, Total: $66,000
Role: Co-Investigator

2013-2014 Teaching Enhancement Grant, College of Life Sciences, Brigham Young University PI: Jonathan J. Wisco, PhD
Priming the Learning Experience in the Anatomy Lab
Cost, Total: $9,800
Role: PI

2014 Gerontology Research Grant Award, Gerontology Program, School of Family Life, Brigham Young University PI: Jonathan J. Wisco, PhD
Testing the Iron Hypothesis for Alzheimer's Disease Pathophysiology
Cost, Total: $10,000
Role: PI

2014-2015 David O. McKay Scholarly and Creative Works Grant, Office of Associate Academic Vice President for Research and Graduate Studies, Brigham Young University PI: Jonathan J. Wisco, PhD
Service Learning through Anatomy Academy
Cost, Total: $24,980
Role: PI

2014-2015 Teaching Enhancement Grant, College of Life Sciences, Brigham Young University PI: Jonathan J. Wisco, PhD
Creation of Full-Length Anatomy Instructional Videos
Cost, Total: $10,000
Role: PI

2014-2015 Teaching Enhancement Grant, College of Life Sciences, Brigham Young University PI: Jonathan J. Wisco, PhD
Anatomy Uncovered
Cost, Total: $10,000
Role: PI

2014-2016 01DC009616-05 NIH/NIDCD PI: Jonathan J. Wisco, PhD
Influence of Subglottic Anatomy on Voice Production
Cost, Total: $330,652
Role: PI

2015-2016 Mentored Research Environment Grant, Office of Research & Creative Activities, Brigham Young University PI: Lon Cook, PhD
Rebuilding Kidneys
Cost, Total: $20,000

Role: Co-Investigator

2015 Gerontology Research Grant Award, Gerontology Program, School of Family Life, Brigham Young University PI: Richard K. Watt, PhD
Demonstrating that 'Free Iron' is the Trigger that Initiates Amyloid Plaque and Tau Tangle Formation in Alzheimer's Disease Pathophysiology
Cost, Total: $10,000
Role: Co-Investigator

2015 Myrtie Fulton Endowed Mentorship Award, College of Nursing, Brigham Young University PI: Jane Lassetter, RN, NP, PhD
Native Hawaiian and Pacific Islander Health Descriptors: A Mentoring Research Proposal
Cost, Total: $8,000
Role: PI

2015-2016 Teaching Enhancement Grant, College of Life Sciences, Brigham Young University PI: Jonathan J. Wisco, PhD
Plastination Lab
Cost, Total: $6,200
Role: PI

2016 Gerontology Research Grant Award, Gerontology Program, School of Family Life, Brigham Young University PI: Jonathan J. Wisco, PhD
Gender Based Alzheimer's Disease Pathophysiology
Cost, Total: $10,000
Role: PI

2016-2017 Textbook Conversion Project Award, Harold B. Lee Library, Brigham Young University PI: Jonathan J. Wisco, PhD
Comparison of Online Textbook Resources for Anatomy
Cost, Total: $14,000
Role: PI

2016-2017 Teaching Enhancement Grant, College of Life Sciences, Brigham Young University PI: Sterling Sudweeks, PhD
Enhancing the Active Learning Experience in Advanced Physiology Laboratory (PDBio 363)
Cost, Total: $10,000
Role: Co-Investigator

2017-2018 James Bobbitt Alzheimer's Research Faculty Award, College of Life Sciences, Brigham Young University PI: Jonathan J. Wisco, PhD
Anti-oxidant Treatment to Ameliorate Alzheimer's Disease Pathophysiology in Cultured Neurons
Cost, Total: $13,000
Role: PI

2017 Private Donation to the Laboratory for Translational Anatomy of Degenerative Diseases and Developmental Disorders (TAD4) from Neurodar PI: Jonathan J. Wisco, PhD
Cost, Total: $20,000
Role: PI

2017-2018 Private Donation to the Laboratory for Translational Anatomy of Degenerative Diseases and Developmental Disorders (TAD4) from Limitless Worldwide PI: Jonathan J. Wisco, PhD
Cost, Total: $2,900
Role: PI

2017-2018 David M. Kennedy Center for International Studies, Brigham Young University PI: Jonathan J. Wisco, PhD
Deepening the appreciation of anatomy form and function through a comparison of pedagogical context between modern and ancient learning resources
Cost, Total: $5,000
Role: PI

2017-2018 R56DC009616 NIH/NIDCD PI: Scott Thomson, PhD
Imaging and influence of glottic and subglottic anatomy in healthy and stenotic patients
Cost, Total: $727,397
Role: Co-Investigator

2018-2023 R01DC009616 NIH/NIDCD PI: Scott Thomson, PhD
Imaging and influence of glottic and subglottic anatomy in healthy and stenotic patients
Cost, Total: $344,005
Role: Co-Investigator

2021 Shipley Pilot Grant Funding PI: Jonathan J. Wisco, PhD
Improvements in prostate mpMRI/US image-fusion targeted biopsies to benefit underserved patients
Cost, Total: $50,000
Role: PI

2021-2023 International Association of Medical Science Educators (IAMSE) Curriculum Innovation Grant PI: Jonathan J. Wisco, PhD
An Ultrasound Simulator App for the Smartphone
Cost, Total: $4,994
Role: PI

2021-2023 International Association of Medical Science Educators (IAMSE) Student Grant PI: Lindsey Claus
Building Self-directed Dyadic Learning Experiences Through Preclinical Ultrasound Education
Cost, Total: $2,498
Role: Faculty Mentor

2022 Sexual Medicine Pilot Grant Funding PI: Jonathan J. Wisco, PhD
Developing a semi-quantitative regression model of prostate cancer outcomes that includes social determinants of health
Cost, Total: $50,000
Role: PI

2023-2025 International Association of Medical Science Educators (IAMSE) Student Grant PI: Cameron Hill
Bridging the gap between faculty creation and medical student understanding of self-learning guides
Cost, Total: $2,500
Role: Faculty Mentor

2023-2024 Boston University, Shipley Center for Digital Learning & Innovation PI: Jonathan J. Wisco, PhD
Improving Access and Equity of Cadaveric Anatomy Through the Democratization of Digital Body Preservation
Cost, Total: $70,019
Role: PI

Invited lectures, invited conference presentations and workshops:

Institutional:

11/2018 *All I Ever Needed to Learn about Teaching Happened when I Taught a Child How to Ride a Bicycle*. Department of Physiology and Biophysics, Boston University School of Medicine *[invited seminar]*

5/2020 *Boston University School of Medicine 2nd COVID-19 Town Hall*. Boston University School of Medicine *[invited seminar]*

7/2020 *Summative Assessments as a Form of Feedback*. Boston University Remote Teaching and Learning Lightning Talks *[invited panelist]*

7/2020 *Cardiopulmonary System*. Boston University School of Medicine, Summer Training as Research Scholars Program *[invited lecturer]*

7/2020 *A Meta Teaching and Learning Experience*. Boston University School of Medicine, Summer Training as Research Scholars Program *[invited lecturer]*

5/2021 Faculty Forum 2021, Exploring Innovations in Teaching & Technology at BU, *Parallel Sessions 2: Reflections, Directions & Making Connections, What We Carry with Us from Hands-on Classes [invited panelist]*

1/2026 *Anatomy Academy: Service-Learning Is More than Either Service or Learning*. 2026 Martin Luther King Luncheon: Community Engagement, Aram V. Chobanian & Edward Avedisian School of Medicine *[invited speaker and panelist]*

1/2026 *From active listening to actionable response: Tips for inclusive feedback that overcomes barriers to learning and productivity,* Boston Medical Center, Addiction Medicine Fellowship Faculty Development *[invited speaker]*

5/2026 Intentional Belonging in Classroom Interactions. Inclusive Pedagogy Symposium, Boston University Institute for Excellence in Teaching & Learning.

5/2026 *From Idea to Innovation: Developing a Competitive Grant Proposal in 90 Minutes*, Funding Health Professions Education Innovation & Shipley Academic Innovation Fund Information Session, John McCahan Medical Campus Education Day, Boston University Aram V. Chobanian & Edward Avedisian School of Medicine *[invited workshop speaker]*

Regional:

6/2005 *Magnetic Resonance Imaging of the Brain*. Seminar on Special Topics in Nursing. Simmons College, School of Nursing *[invited seminar]*

5/2010 *Medical Student Perceptions of the Value of Anatomy Knowledge and Instructional Methodologies*. Educational Development & Research, David Geffen School of Medicine at UCLA, Colloquium Presentation *[invited seminar]*

5/2011 *Anatomical Correlates of Cardiac Electrical Conduction*. David Geffen School of Medicine at UCLA, Electrophysiology Fellows Seminar Series *[invited seminar]*

10/2013 *Clinical Anatomy of the Anterior Abdominal Wall*. Medical gross Anatomy TA meeting. University of Utah School of Medicine, Department of Neurobiology and Anatomy *[invited lecture]*

3/2014	*The Role of Oxidative Stress in the Development of Alzheimer's Disease*. Russell B. Clark Gerontology Conference, Brigham Young University *[invited plenary]*
1/2015	*The New Anatomy in Teaching, Service, and Research*. Brigham Young University *[invited seminar]*
1/2015	*A Service-Learning University-Community Partnership Stewardship: The Anatomy Academy Model*. Center for the Improvement of Teacher Education & Schooling (CITES) Leaders Conference *[invited platform]*
8/2015	*Rigor, Relationships and Relevance: The Dual Service- and Engaged-Learning Model of Anatomy Academy*. Utah County Academy of Sciences *[invited platform]*
3/2016	*The Iron Window into Alzheimer's Disease Pathophysiology and MR Imaging*. Russell B. Clark Gerontology Conference, Brigham Young University *[invited plenary]*
12/2016	*High-speed Video Capture of Anterior Cruciate Ligament Tearing*. Utah Athletic Trainers Association. Weber State University *[invited seminar]*
5/2017	*Bodies Filled with Light*. Brigham Young University Wellness Program Symposium *[invited seminar]*
9/2017	*'Of Mice and Men' and the Iron Window of Alzheimer's Disease Pathophysiology in Between*. Brigham Young University *[invited seminar]*
11/2017	*Impressions of a Low-Cost Online Textbook Resource for Human* Anatomy. Brigham Young University Copyright Symposium *[invited seminar]*
1/2019	*Anatomy Academy: Extending the Learning Environment from Classroom to Community*. The Teaching Academy, Robert Larner, M.D. College of Medicine at the University of Vermont *[invited seminar]*
11/2023	*Symposium - Inclusivity in Medicine and Biomedical Pathway and Bridge Programs: Considerations Beyond Race,* Boston University *[panel moderator]*
11/2025	*From active listening to actionable response: A survey of inclusive feedback interactions that overcome barriers to learning and productivity,* Aram V. Chobanian & Edward Avedisian School of Medicine, Faculty Development & Diversity Seminar *[invited speaker]*
1/2026	*Anatomy Academy: Service-Learning Is More than Either Service or Learning. 2026 Martin Luther King Luncheon: Community Engagement,* Aram V. Chobanian & Edward Avedisian School of Medicine *[invited speaker and panelist]*

National:

4/2009	*Using Diffusion Tensor Imaging (DTI) to Study Neuroanatomical Structures. Symposium on New Perspectives on Imaging Old Anatomy*. American Association of Anatomists (AAA), New Orleans, LA. *[invited platform]*
7/2010	*Localization of the Superior Cervical Ganglion for Targeted Anesthetic Blockade*. American Association of Clinical Anatomists (AACA), Honolulu, HI *[platform]*
7/2011	*Statistical Mapping of the Cervical Sympathetic Chain*. American Association of Clinical Anatomists (AACA), Columbus, OH *[platform]*

3/2012 *Integration of PBL Cases into Gross Anatomy Laboratory Experiences Followed by a Modified TBL Formative Assessment: Pedagogy Using the Best of Both Worlds*. American Association of Anatomists (AAA), San Diego, CA *[platform]*

4/2013 *"Getting a Piece of the Clinical Research Pie" - How and Why Translational Research Should Matter to You, and Where to Start*. American Association of Anatomists (AAA), Boston, MA *[invited platform]*

4/2013 *Extreme makeover - Anatomy Edition: How a Paradigm Shift in Pedagogy Helped Shape Anatomy into an Essential Clinical Science*. American Association of Anatomists (AAA), Boston, MA *[invited platform]*

4/2013 *Anatomy Academy Exposes Undergraduate and Medical Students to All ACGME Core Competencies through an Experiential Learning Environment*. American Association of Anatomists (AAA), Boston, MA *[platform]*

5/2013 *Extreme Makeover - Anatomy Edition: How a Paradigm Shift in Pedagogy Re-Built and Re-Tooled Anatomy into an Essential Clinical Science at a Medical School and Undergraduate Institution*. Human Anatomy and Physiology Society (HAPS), Las Vegas, NV *[invited platform]*

11/2013 *Re-inventing Your Career Paradigm to Capitalize on Curriculum* Reform. Seminar Series. Baylor College of Dentistry, Department of Biomedical Sciences, Dallas, TX *[invited seminar]*

4/2014 *Necessity is the Mother of Educational Invention: A Journey of Discovering and Developing Electronic Pedagogical Tools for Gross Anatomy and Histology*. American Association of Anatomists (AAA), San Diego, CA *invited [plenary]*

4/2014 *What Every Young Investigator Needs to Know About Establishing a Basic or Clinical Science Research Program and Where to Get Help*. American Association of Anatomists (AAA), San Diego, CA *[platform]*

5/2014 *How to Establish a Service-Learning Program in the Local Community to Augment Your Classroom Curriculum Objectives: The Anatomy Academy Model*. Human Anatomy and Physiology Society (HAPS), Jacksonville, FL *[faculty development workshop]*

5/2014 *Who Is the Teacher and Who Is the Student? The Dual Service- And Engaged-Learning Pedagogical Model in Anatomy Academy*. Human Anatomy and Physiology Society (HAPS), Jacksonville, FL *[platform]*

10/2015 *Rigor, Relationships and Relevance: The dual service- and engaged-learning model of Anatomy Academy*. American Association of Clinical Anatomists Regional Meeting 2015, Salt Lake City, UT *[invited faculty development workshop]*

11/2015 *The New Anatomy in Teaching, Service, and Research*. Series on Full Circle Mentoring, Department of Anatomy and Neurobiology, Boston University School of Medicine, Boston, MA *[invited seminar]*

11/2015 *Wake up! - Engaging verbal & nonverbal 5th grade students at the inclusive Anatomy Academy*. Current Trends in Autism (CTIA), Boston, MA *[invited platform]*

7/2017 *Finding Your Value Added through Mentoring*. American Association of Clinical Anatomists (AACA), Career Development Committee Symposium, Minneapolis, MN *[invited plenary]*

10/2017 *The Uncertainty Principle of Self-directed Learning and a TA Training Program in Response*. American Association of Clinical Anatomists (AACA), Regional Meeting, Mesa, AZ *[invited plenary]*

11/2017 *Research, Teaching, and Service Aren't Just for Faculty: Mentoring Students to Become Life-Long Learners*. Creighton University School of Medicine, Omaha, NE *[invited seminar]*

11/2018 *Anatomy Academy: Teaching Life-Long Learning through Community Engagement*. Indiana University School of Medicine, Indianapolis, IN *[invited seminar]*

6/2019 *Engaging verbal and nonverbal autism spectrum students in the inspired learning environment of Anatomy Academy*. BYU Latter-day Saint Educators Society Conference, Provo, UT *[platform]*

1/2021 *Tool Time: Choosing the Right Pedagogy for the Job*. Charles R. Drew University College of Medicine, Education Retreat for curriculum planning, Los Angeles, CA *[invited keynote address]*

10/2021 *Inclusive Education and Classroom Engagement are the Same Thing*. Philosophies and Best Practices for Safe and Engaged Learning Spaces Faculty Development Series, Des Moines University Medicine and Health Sciences University, Des Moines, IA *[invited keynote address and conference planning committee]*

3/2022 *Teachers are incredibly efficient at killing learning and that's why we could all use Better Learning Experiences*. Stem Advocacy Institute, Boston, MA *[invited webinar]*

3/2023 *If It Ain't Broke, Why Fix It? Recognizing When Curriculum Change Is Necessary, and That You Might Be the One Standing in the Way*. University of Kentucky School of Medicine, Louisville, KY *[invited speaker]*

9/2023 *Serving the Most Underrepresented, Underserved, and Vulnerable Populations in Healthcare*. University of Mississippi Medical Center, Jackson, MS *[invited panelist]*

9/2023 *Our brains are wired to learn through making mistakes: How to setup a safe learning environment through gamification*. University of South Carolina School of Medicine in Greenville, Greeenville, SC *[invited speaker]*

9/2023 *A successful curriculum metamorphosis at Boston University Chobanian & Avedisian School of Medicine that aligned institutional values and student outcomes*. University of South Carolina School of Medicine in Columbia, Columbia, SC *[invited speaker]*

10/2023 *Why you never really hear anything about the silent Asian race: Filipinos are everywhere, yet nowhere in the health sciences*. University of Mississippi School of Medicine, Jackson, MS *[invited speaker]*

4/2025 *Introduction to the Anatomy of the Human Brain*. American Association for the Advancement of Science and the Federal Judicial Center, Judicial Seminars on Emerging Issues in Neuroscience 2025. *[invited speaker]*

5/2025 *A learning environment that supports making mistakes results in students who are engaged in the classroom*. Noorda College of Medicine, Provo, UT *[invited speaker]*

5/2025 *Allowing students to show off their knowledge by writing fair and engaging MCQ assessments*. Noorda College of Medicine, Provo, UT *[invited speaker]*

10/2025 *Strengthening Partnerships for Funding and Research: Building Collaborative Pathways to Impact*. Association of STEMM Pathway and Bridge Programs (ASPBP) Annual Meeting 2025 *[Invited facilitator of Structured Networking]*

10/2025 *Strengthening Relationships: Building Trust and Collaboration with Community Partners and Students*. Association of STEMM Pathway and Bridge Programs (ASPBP) Annual Meeting 2025 *[Invited facilitator of Structured Networking]*

5/2026 Why Theoretical and Conceptual Frameworks Should Matter to Your Educational Scholarly Work. Medical Education Scholarship Guild and the Academy of Medical Educators, Central Michigan University 2026 *[Invited speaker]*

International:

6/2008 *Creating Interactive Curriculum Materials Using the Adobe Flash Professional Platform*. International Association of Medical Science Educators (IAMSE), Salt Lake City, UT *[faculty development workshop]*

6/2009 *An Introduction to Using Adobe Flash CS3 for Creating Interactive Curriculum Materials*. International Association of Medical Science Educators (IAMSE), Leiden, The Netherlands *[faculty development workshop]*

6/2009 *Using 3D Animations to Teach Difficult Anatomical Concepts in the Cadaver Lab*. International Association of Medical Science Educators (IAMSE), Leiden, The Netherlands *[focus session]*

6/2009 *How to Maximize Anatomy Content in a System-Based Medical Curriculum*. International Association of Medical Science Educators (IAMSE), Leiden, The Netherlands *[focus session]*

6/2010 *Strategies for Maximizing Teaching Experiences with Available Personnel to Improve Anatomy, Histology and Neuroanatomy Instruction to Pre-Clinical Medical and Dental Students*. International Association of Medical Science Educators (IAMSE), New Orleans, LA *[focus session]*

6/2012 *Innovations in Anatomy Education: Does Innovative Technology Inspire Innovative Teaching or Does Innovative Teaching Drive the Need for Innovative Technology? The Chicken and Egg Scenario of Advancing Medical Education for Anatomy and Histology Pedagogy*. International Association of Medical Science Educators (IAMSE), Portland, OR *[invited focus session]*

7/2012 *Visualization of Stellate Ganglion Local Neuronal Density Remodeling in Chronic MI*. American Association of Clinical Anatomists (AACA), Grenada, West Indies *[platform]*

6/2013 *Anatomy Academy: A Model Program for Exposing Pre-Professional and Undergraduate Medical and Allied Health Sciences Students to the Six ACGME Core Competencies*. International Association of Medical Science Educators (IAMSE), St. Andrews, Scotland *[focus session]*

6/2016 *Practical skills of video production and editing toward impactful flipped classroom content*. International Association of Medical Science Educators (IAMSE), Leiden, The Netherlands *[invited faculty development workshop]*

8/2017	*Peering into the Iron Window of Alzheimer's Disease MR Imaging and Pathophysiology*. European Pathology Congress, Milan, Italy *[invited platform]*
3/2020	*Creating a Virtual Exam using Complete Anatomy*. 3D4Medical from Elsevier, Dublin, Ireland *[invited webinar; >200 attendees]*
4/2020	*Minding the Knowing-Doing Gap: Why Neuroscience Research and Communication Matters to Evidence-Based Education*. American Association for Anatomy, San Diego, CA *[moderated hybrid symposium, conference cancelled due to COVID-19, but session still accepted for publication]*
4/2020	*How Re-thinking and Re-designing Anatomy Instruction Into the Online Space Can Lead to Better Classroom and Cadaver Lab Learning Experiences*. International Association of Medical Science Educators (IAMSE), #IAMSECafe via Zoom *[invited webinar; reached max 100 attendees]*
5/2020	*Evolving Anatomical Education During the COVID Pandemic*. International Association of Medical Science Educators (IAMSE), #IAMSECafe via Zoom *[invited webinar panel with colleagues from Eastern Virginia Medical School; reached over 200 attendees]*
12/2020	*Service-learning Expands the Learning Environment from Classroom to Community: An Example in Anatomy Academy*. Australian and New Zealand Association of Clinical Anatomists (ANZACA) conference via Zoom *[invited plenary speaker; reached over 100 attendees]*
1/2021	*Best Practices for Mentoring with and Eye and Ear Toward Diversity, Equity, Inclusion, and Justice*. International Association of Medical Science Educators (IAMSE), #IAMSECafe via Zoom *[invited webinar panel with colleagues and students from University of Cincinnati School of Medicine; reached nearly 100 attendees]*
3/2021	*STEM-E Interviews Dr. Jonathan Wisco*. STEM-E Youth Career Development Program, https://www.steme.org. *[invited webinar; reached over 100 attendees]*
5/2021	*Building Bridges Between Diverse Programs*. International Association of Medical Science Educators (IAMSE), #IAMSECafe via Zoom *[invited webinar panel with colleagues from Ferris State University, Texas A&M University; reached over 75 attendees]*
5/2021	*STEM·E Talks: Medicine*. STEM-E Youth Career Development Program, https://www.steme.org. *[invited webinar; reached over 100 attendees]*
9/2021	*How COVID-19 transformed online teaching and learning: Or did it?* International Association of Medical Science Educators (IAMSE), Webcast Audio Seminar *[invited webinar panel with colleagues from Carle Illinois College of Medicine, and Norwich Medical School, University of East Anglia; reached 200 attendees]*
11/2021	*Trends and Issues Facing Health Professions Educators*. Association for Educational Communications and Technology (ACET), Education in the Health Professions–Special Interest Group (EDHP–SIG). *[invited panel with colleagues from the American Association of Colleges of Nursing (AACN), American Association of Colleges of Pharmacy (AACP), Association of American Medical Colleges (AAMC)]*

4/2022 *Personal Statements for Health Sciences Professional School: Admissions Committees Want to Hear Your Story*. *[invited plenary speaker for the American Association for Anatomy (AAA)]*

6/2022 *The sum of our voices: toward achieving diversity, equity, and inclusion in the AACA*. *[invited panel for the American Association of Clinical Anatomists]*

3/2023 *Curriculum Refresh*. International Association of Medical Science Educators (IAMSE), #IAMSECafe via Zoom *[invited webinar; reached over 100 attendees]*

5/2023 *How Has Digital Education Impacted How We Learn, Teach, & Research?* Strategies Spotlight: Digital Education. Silverchair. *[invited panel with colleague from American Academy of Orthopaedic Surgeons (AAOS)]*

6/2023 *Leveraging Technology to Expand Anatomical Sciences Pedagogical Possibilities and Enhance Cadaver and Microscopy Lab Experiences*. ERASMUS+ Meetup *[invited speaker]*

6/2023 *Inclusive Feedback Spaces That Promote Reflection, Learning, and Productivity*. Developing and Elevating Leaders with Tools for Advancement (DELTA), American Association for Anatomy (AAA) *[invited speaker; 1 of 10 and Mentors for 20 Fellows]*

3/2024 *It isn't "self-directed" anymore if you have to direct it, or is it?* International Association of Medical Science Educators (IAMSE), #IAMSECafe via Zoom *[invited webinar; reached over 70 attendees]*

4/2024 *Effect of Curricular Refresh and Renewal on Students*. International Association of Medical Science Educators (IAMSE), #IAMSECafe via Zoom *[invited webinar; reached over 25 attendees]*

8/2024 *Anatomy Academy: A university-public school partnership of outreach and service-learning*. International Early Career Anatomists, St. George's University, London, Panel on Outreach in Anatomy *[invited webinar; 20 attendees]*

4/2025 *Becoming Amazing on the Path to Professional School*. Pre-Health Shadowing 2025 *[invited webinar; over 25 attendees]*

4/2025 *The First Step to Converting Outreach/Service-Learning to Scholarship: Principles for Research and Funding Practices*. Association of STEMM Pathway and Bridge Programs (ASPBP), Pathways to Progress: Unlocking Professional Development Opportunities series 2025. *[invited speaker]*

8/2025 *fNIRS: Physiological and anatomical reasons why investigators should report HbO, HbR, and HbT*. The Advanced Neuromodulation and Neuromonitoring Training Workshop 2025 by Soterix Medical. New York, NY *[Invited speaker; over 50 attendees]*

6/2006 *Evidence-Based Coaching Techniques to Help Preclinical Students Through the Learning Paradigm Shift from Memorization to Application*. Professional Development Workshop, International Association of Medical Science Educators (IAMSE) *[Invited speaker]*

6/2006 *Establishing, Sustaining, and Evaluating the Impact of Outreach/Service-Learning on Preclinical Student Professional and Personal Development*. Professional Development Workshop, International Association of Medical Science Educators (IAMSE) *[Invited speaker]*

Bibliography:

ORCID: 0000-0003-3689-5937

Code:
*Corresponding author
†Shared Authorship
Graduate and professional student authors
Undergraduate student authors

Original, Peer Reviewed (empirical) Articles:

1. **Wisco JJ**, Matles H, Berrigan D. Is the scaling of locomotor performance with body size constant? *Ecological Entomology* 1997; 22:483-486. https://doi.org/10.1046/j.1365-2311.1997.00085.x
2. Tuch DS, **Wisco JJ**, Khachaturian MH, Ekstrom LB, Kotter R, Vanduffel W. Q-Ball imaging of Macaque white matter architecture. *Philos Trans R Soc Lond B Biol Sci.* 2005; 360(1457):869-879. https://doi.org/10.1098/rstb.2005.1651
3. Tuch DS, Salat DH, **Wisco JJ**, Zaleta AK, Hevelone ND, Rosas HD. Choice reaction time performance correlates with diffusion anisotropy in white matter pathways supporting visuospatial attention. *PNAS 2005*; 102(34):12212-12217. https://doi.org/10.1073/pnas.0407259102
4. Rosand J, Muzikansky A, Kumar A, **Wisco JJ**, Smith EE, Betensky RA, Greenberg SM. Spatial clustering of hemorrhages in probable cerebral amyloid angiopathy. *Ann Neurol* 2005; 58(3):459-462. https://doi.org/10.1002/ana.20596
5. Benner T, **Wisco JJ**, van der Kouwe A, Fischl B, Vangel M, Hochberg FH, Sorensen AG. Comparison of Manual and Automatic Slice Positioning of Brain MR Images. *Radiology* 2006; 239(1):246-254. https://doi.org/10.1148/radiol.2391050221
6. *Khachaturian MH*, **Wisco JJ**, Tuch DS. Boosting the sampling efficiency of q-ball imaging using multiple wavevector fusion. *Mag Res Med* 2007; 57(2):289-296. https://doi.org/10.1002/mrm.21090
7. Whitcher B, **Wisco JJ**, Hadjikhani N, Tuch DS. Statistical group comparison of diffusion tensors via multivariate hypothesis testing. *Mag Res Med* 2007; 57(6):1065-1074. https://doi.org/10.1002/mrm.21229
8. **Wisco JJ**, Kuperberg G, Manoach D, Quinn BT, Busa E, Fischl B, Heckers S, Sorensen AG. Abnormal cortical folding patterns within Broca's area in schizophrenia: Evidence from structural MRI. *Schizophr Res* 2007; 94:317-327. https://doi.org/10.1016/j.schres.2007.03.031
9. Whitcher B, Tuch DS, **Wisco JJ**, Sorensen, AG, Wang L. Using the wild bootstrap for quantifying variability in single-subject diffusion tensor MRI. *Hum Brain Mapp* 2008; 29(3):346-362. https://doi.org/10.1002/hbm.20395
10. **Wisco JJ**, Killiany RJ, Guttmann CRG, Warfield SK, Moss MB, Rosene DL. An MRI study of age-related white and gray matter volume changes in the rhesus monkey. *Neurobiol Aging* 2008; 29:1563-1575. https://doi.org/10.1016/j.neurobiolaging.2007.03.022
11. **Wisco JJ**, Rosene DL, Killiany RJ, Moss MB, Warfield SK, Egorova S, Wu Y, Liptak Z, Warner J, Guttmann CRG. A rhesus monkey reference label atlas for Template Driven Segmentation (TDS). *J Med Primatol* 2008; 37(5):250-260. https://doi.org/10.1111/j.1600-0684.2008.00288.x

12. Sedlmayr JC, Kirsch CFE, **Wisco JJ**. The human temporalis muscle: superficial, deep and zygomatic parts comprise one structural unit. *Clin Anat* 2009; 22(6):655-664. https://doi.org/10.1002/ca.20837
13. Hyare H, **Wisco JJ*** Alusi G, Cohen M, Nabili V, Abemayor E, Kirsch CFE. The anatomy of nasopharyngeal carcinoma spread through the pharyngobasilar fascia to the trigeminal mandibular nerve on 1.5 Tesla MRI. *Surg Radiol Anat* 2010;32(10):937-944. https://doi.org/10.1007/s00276-010-0638-0
14. *Novak SH, Quinn M, Canan T,* Metten S, **Wisco JJ**, Wimmers PF, Uijtdehaage S. Student creativity in medical school curriculum development. *Medical Education Online* 2011; 16: 7252 https://doi.org/10.3402/meo.v16i0.7252
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80. Lopez ME, **Wisco JJ**. Assessing multiple-choice questions based on best practices to promote equity in a dental physiology course. *Adv Physiol Educ* 2026 submitted
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Proceedings of Meetings and Invited Papers:

1. Rosene DL, **Wisco JJ,** Killiany RJ, Duryea B, Waldron H, Moss MB. Experimental hypertension results in loss of white matter but not gray matter. An MRI study in the rhesus monkey. Spring Brain Conference Abstr 1999. (poster)
2. **Wisco JJ,** Rosene DL, Killiany RJ, Waldron H, Moss MB. Stereological point counting of magnetic resonance images (MRI) of the brain in a longitudinal study indicate a loss of white matter volume in a non-human primate model of cerebrovascular disease. Society for Neuroscience (SfN) Abstr 1999;446.1. (poster)
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5. Rosene DL, Leubke JI, **Wisco JJ,** Killiany RJ, Moss MB. White matter changes in aging monkeys: MRI and evoked potential findings. Spring Brain Conference Abstr 2002. (platform talk)
6. Benner T, **Wisco JJ**, van der Kouwe A, Fischl B, Sorensen AG. Accuracy and repeatability of automatic slice positioning compared with manual slice positioning. International Society for Magnetic Resonance in Medicine (ISMRM) Abstr 2004. (poster)
7. Ziyan U, **Wisco JJ**, Tuch DS. Hierarchical Segmentation of Thalamic Nuclei from DTI Using Spectral Clustering. International Society for Magnetic Resonance in Medicine (ISMRM) Abstr 2005. (platform talk)
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9. Hiroki M, Singhal AB, Benner T, Ay H, Zhu M, **Wisco JJ**, Pratt JS, Sorensen AG. Severe linear hyperintensity objects in the cerebral white matter reflect the cause of hypertensive intracerebral hemorrhage. Stroke Abstr 2006;37(2):723. (poster)
10. Kirsch C, **Wisco JJ**, Sedlmayr JC. The multiple insertions of the temporalis muscle: anatomic, radiographic and clinical considerations. American Society of Neuroradiology (ASNR) Abstr 2007. (platform presentation)
11. Sedlmayr JC, **Wisco JJ**. Reassessment of the functional significance of the lesser trochanter. American Association of Clinical Anatomists (AACA). Clin Anat 2007;20:713-737. (poster)
12. **Wisco JJ**, Rock J, Payne S, Metten S. Creating interactive curriculum materials using the Adobe Flash Professional platform. International Association of Medical Science Educators (IAMSE) Abstr 2008. (workshop)
13. Payne S, Rock J, Stark ME, **Wisco JJ**, Metten S. An Introduction to Using Adobe Flash CS3 for Creating Interactive Curriculum Materials. International Association of Medical Science Educators (IAMSE) Abstr 2009. (workshop)
14. **Wisco JJ**, Payne S, Rock J, Stark ME, Metten S. Using 3D Animations to Teach Difficult Anatomical Concepts in the Cadaver Lab. International Association of Medical Science Educators (IAMSE) Abstr 2009. (focus session)

15. Metten S, Stark ME, **Wisco JJ**. How to Maximize Anatomy Content in a System-Based Medical Curriculum. International Association of Medical Science Educators (IAMSE) Abstr 2009. (focus session)
16. *Lattin D*, **Wisco JJ**, Sayre J, Chhetri D, Kirsch CFE. Radiographic and Anatomic Evaluation of Eagle's Syndrome Using 3-D Computed Axial Tomography for Evaluation of the Elongated Styloid Process and Stylohyoid Ligament in Neutral and Head Turned Positions. David Geffen School of Medicine at UCLA, Josiah Brown Short-term Training Program presentation 2009. (poster)
17. *Ortiz J, Hageman N*, Dong H, Salin A, Salin M, Stark ME, Vinters HV, Toga AW, **Wisco JJ**. Reducing Uncertainty in Estimates of Nerve Fiber Orientation from Diffusion Tensor MR Imaging by Comparing Mapped White Matter Fibers in Paired Histological Sections. David Geffen School of Medicine at UCLA, Josiah Brown Short-term Training Program presentation 2009. (poster)
18. *Safir I*, Salin M, Salin A, **Wisco JJ**, Stark ME. A Cadaveric Study of the Cervical Sympathetic Chain and Ganglia: Potential Clinical Applications. David Geffen School of Medicine at UCLA, Josiah Brown Short-term Training Program presentation 2009. (poster)
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20. **Wisco JJ**. Using Diffusion Tensor Imaging (DTI) to Study Neuroanatomical Structures. Symposium on New Perspectives on Imaging Old Anatomy. American Association of Anatomists (AAA). FASEB J April 22, 2009 23:70.1 (invited platform presentation)
21. *Ortiz J, Hageman N*, Salin A, Salin M, Dong H, Stark ME, Vinters HV, Toga AW, **Wisco JJ**. Histological validation of the diffusion tensor: feasibility in human brain tissue. American Association of Anatomists (AAA). FASEB J April 6, 2010 24:642.2 (poster)
22. **Wisco JJ**, Morton DA. Strategies for maximizing teaching experiences with available personnel to improve Anatomy, Histology and Neuroanatomy instruction to pre-clinical Medical and Dental students. International Association of Medical Science Educators (IAMSE) Abstr 2010. (focus session)
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24. **Wisco JJ**, Stark ME, Rahman S. Localization of the superior cervical ganglion for targeted anesthetic blockade. American Association of Clinical Anatomists (AACA). Clin Anat 2010;23:1005-1040 (platform presentation)
25. *Lattin D*, **Wisco JJ**, Sayre J, Chhetri D, Kirsch CFE. Radiographic and Anatomic Evaluation of Eagle's Syndrome Using 3-D Computed Axial Tomography for Evaluation of the Elongated Styloid Process and Stylohyoid Ligament in Neutral and Head Turned Positions. American Society of Neuroradiology (ASNR) Abstr 2010. (platform presentation)
26. **Wisco JJ**, Stark ME, Rahman S. Localization of the superior cervical ganglion: anatomical landmarks to facilitate its targeted blockade. American Society of Regional Anesthesia and Pain Medicine (ASRA) Abstr 2010. (poster)
27. *Lerner S, Rabedeaux P*, Wimmers P, Byus CV, **Wisco JJ**. Medical students' perceptions of approaches to anatomy education: Prosection vs. Dissection. Research Day, David Geffen School of Medicine at UCLA Abstr 2011. (poster)

28. Mendelsohn AH, *DeConde AS*, Lambert HW, *Dodson SC, Daney BT*, Stark ME, Berke GS, **Wisco JJ**. Cervical variation of the phrenic nerve. Transactions of the American Laryngological Association (ALA) Abstr 2011. (platform presentation)
29. *Hageman NS*, **Wisco JJ**, Toga AW. A Comparison of Pre- Versus Post-Perfusion DTI Tractography in Cadaveric Brain Tissue. Human Brain Mapping (HBM) Abstr 2011. (poster)
30. **Wisco JJ**, Cantelmi D, Davies JC, Sedlmayr JC, Agur A. Temporalis muscle innervation patterns are generally conserved across subjects. American Association of Anatomists (AAA). FASEB J March 17, 2011 25:872.4 (poster)
31. **Wisco JJ**, *Rabedeaux P, Lerner S*, Byus C, Wimmers PF. Medical student perceptions of the value of anatomy knowledge and instructional methodologies toward gaining confidence in clinical skills. American Association of Anatomists (AAA). FASEB J March 17, 2011 25:494.2 (poster)
32. Korin TL, Stark ME, **Wisco JJ**. Student Perceptions of an Integrated Curriculum: The Merging of Anatomy and Problem-based Learning. Western Group on Educational Affairs – Association of American Medical Colleges (WGEA – AAMC) Abstr 2011 (poster*, award winner*).
33. Chang Y, Cantelmi D, **Wisco JJ**, Davies JC, Sedlmayr JC, Agur A. Segmental temporalis transposition – correlation with intramuscular innervation. American Association of Clinical Anatomists (AACA). Clin Anat 2011;24:1016-1042 (platform presentation)
34. *Safir I*, **Wisco JJ**, Stark ME. Statistical mapping of the cervical sympathetic chain. American Association of Clinical Anatomists (AACA). Clin Anat 2011;24:1016-1042 (platform presentation)
35. **Wisco JJ**, Payne S. A virtual 3D model of extraocular muscles and eyeball movements. International Association of Medical Science Educators (IAMSE) Abstr 2011. (e-demo, *award winner*)
36. **Wisco JJ**, Payne S, Stark ME. Creation of a 3D skeleton. International Association of Medical Science Educators (IAMSE) Abstr 2011. (e-demo)
37. **Wisco JJ**, Stark ME, Korin TL. Medical student perceptions of integrating PBL and Gross Anatomy. International Association of Medical Science Educators (IAMSE) Abstr 2011. (poster)
38. *Lerner SD, Rabedeaux P*, Wimmers P, Byus C, **Wisco JJ**. Prosection versus dissection anatomy pedagogies: Which one prepares students better for gaining clinical skills confidence? International Association of Medical Science Educators (IAMSE) Abstr 2011. (poster)
39. *Rabedeaux P, Lerner SD*, Wimmers P, Byus C, **Wisco JJ**. Medical student feedback on participating in either a prosection only or a prosection followed by dissection anatomy curriculum. International Association of Medical Science Educators (IAMSE) Abstr 2011. (poster, *award finalist*)
40. *Wong A*, Schettler SP, *Hageman N*, Dong H, Stark ME, Vinters HV, Toga AW, **Wisco JJ**. Comparison of manual fiber vector sampling methodologies for Diffusion Tensor Imaging validation. David Geffen School of Medicine at UCLA, Josiah Brown Short-term Training Program presentation 2009. (poster)
41. *Honarpisheh H, Hwang KS, Biado K, Frew A*, Vinters HV, **Wisco JJ**, Schettler SP, Apostolova LG. Ex vivo pathologic validation of a surface based 7T MRI imaging system in Alzheimer's disease. Society for Neuroscience (SfN) Abstr 2011; 551.14. (poster)

42. Ajijola OA, **Wisco JJ**, Lambert HW, *Fox JN, Zhou W, Vaseghi M*, Mahajan A, Stark ME, Fishbein MC, Shivkumar K. Chronic myocardial infarction is associated with neural remodeling in human stellate ganglia. Heart Rhythm Society (HRS) Abstr. 2012. (platform presentation).
43. **Wisco JJ**, Korin TL, Wimmers P, Stark ME. Integration of PBL cases into gross anatomy laboratory experiences followed by a modified TBL formative assessment: pedagogy using the best of both worlds. American Association of Anatomists (AAA). FASEB J March 29, 2012 26:13.5 (platform presentation)
44. Kippers V, **Wisco JJ**, Stark ME, Shaw P, Bee M. Innovations in Anatomy Education: Does Innovative Technology Inspire Innovative Teaching or Does Innovative Teaching Drive the Need for Innovative Technology? The Chicken and Egg Scenario of Advancing Medical Education for Anatomy and Histology Pedagogy. International Association of Medical Science Educators (IAMSE). Abstr 2013 (focus group)
45. *Ortiz JR*, Ajijola OA, *Hageman N*, **Wisco JJ**. First in-human evidence of extra-cardiac neural remodeling after healed myocardial infarction. Research Day, David Geffen School of Medicine at UCLA Abstr 2012. (poster)
46. *Safir I*, **Wisco JJ**, Stark ME. Statistical mapping of detailed cervical sympathetic trunk anatomy. Research Day, David Geffen School of Medicine at UCLA Abstr 2012. (poster)
47. **Wisco JJ**, *Hageman NS*, Ajijola OA, Lambert HW, *Fox JN,* Mahajan A, Fishbein MC, Shivkumar K, Stark ME. Visualization of stellate ganglion local neuronal density remodeling in chronic MI. American Association of Clinical Anatomists (AACA). Clin Anat 2012;25:929-955 (platform presentation)
48. Lambert HW, *Fox JN, Atsas S, Dodson SC, Daney BT, Clarkson MJ,* **Wisco JJ**. How to expand translational research through use of cadaveric material: Current studies and results. American Association of Clinical Anatomists (AACA). Clin Anat 2012;25:929-955 (platform presentation)
49. *Clarke S*, **Wisco JJ**, Stark ME, Morchi R, Coates W. Impact of a comprehensive cadaver-based course in emergent bedside procedures for senior medical students. International Association of Medical Science Educators (IAMSE) Abstr 2012. (platform presentation and poster, *award winner*)
50. Kavafyan T, Stone M, Bridgewater J, Dong H, Toga AW, Stark ME, Vinters HV, **Wisco JJ**. Spatial distribution of non-heme iron, tau protein, and amyloid beta deposits in human temporal lobe and mouse hippocampal sections. UCLA Undergraduate Neuroscience Poster Day Abstr. 2012. (poster)
51. *Ojukwu K, Diaz M, Padilla J*, **Wisco JJ**. A necessary community collaboration: Anatomy Academy. Research Day, David Geffen School of Medicine at UCLA. Abstr 2013 (poster)
52. **Wisco JJ,** Stark ME, Lambert HW. "Getting a piece of the clinical research pie" - How and why translational research should matter to you, and where to start. American Association of Anatomists (AAA). FASEB J April 9, 2013 27:444.2 (invited platform presentation)
53. **Wisco JJ,** Stark ME. Extreme makeover - Anatomy Edition: How a paradigm shift in pedagogy helped shape anatomy into an essential clinical science. American Association of Anatomists (AAA). FASEB J April 9, 2013 27:314.3 (invited platform presentation)
54. **Wisco JJ,** *Diaz M, Padilla J, Ojukwu K*. Anatomy Academy exposes undergraduate and medical students to all ACGME core competencies through an experiential learning environment. American Association of Anatomists (AAA). FASEB J April 9, 2013 27:19.2 (invited platform presentation)
55. Barzee B, Hansen MS, Salin A, Stone M, Bridgewater J, Kavafyan T, Steed K, Stark ME, Dong H, Toga AW, Vinters HV, **Wisco JJ**. Histological validation of Alzheimer's disease and

cerebrovascular disease imaging biomarkers. American Association of Anatomists (AAA). FASEB J April 9, 2013 27:533.14 (poster)

56. Stone M, Bridgewater J, Kavafyan T, Steed K, Hansen MS, Salin A, Barzee B, Stark ME, Dong H, Toga AW, Vinters HV, **Wisco JJ**. Visual correlation between iron, amyloid-beta, and tau depositions in the medial temporal lobe of Alzheimer's disease post-mortem brains. American Association of Anatomists (AAA). FASEB J April 9, 2013 27:533.11 (poster)
57. Salin A, Hansen MS, Barzee B, Stone M, Bridgewater J, Kavafyan T, Steed K, Stark ME, Dong H, Toga AW, Vinters HV, **Wisco JJ**. Histological validation of iron as an imaging biomarker for amyloid beta and tau depositions in Alzheimer's Disease. American Association of Anatomists (AAA). FASEB J April 9, 2013 27:533.2 (poster)
58. Hansen MS, Salin A, Barzee B, Stone M, Bridgewater J, Kavafyan T, Steed K, Stark ME, Dong H, Toga AW, Vinters HV, **Wisco JJ**. Using imaging biomarkers in the histological validation of Alzheimer's disease. American Association of Anatomists (AAA). FASEB J April 9, 2013 27:533.3 (platform presentation)
59. Liu RM, Hageman N, Yang G, Cheng N, Chan K, Liu E, *Ortiz J, Honarpisheh H, Wong A*,Stark ME, Dong H, Toga AW, Vinters HV, **Wisco JJ**. Anatomical validation of diffusion tensor imaging (DTI). American Association of Anatomists (AAA). FASEB J April 9, 2013 27:532.3 (poster)
60. *Thang CK, Diaz M, Padilla J, Ojukwu K, Lee H,* Schmalz N, **Wisco JJ**. Medical students applying newly learned anatomy knowledge as part of a mentoring and experiential learning environment with undergraduate and elementary students. American Association of Anatomists (AAA). FASEB J April 9, 2013 27:961.8 (poster)
61. *Lee H, Ojukwu K, Diaz M, Padilla J, Thang CK,* **Wisco JJ**. Augmenting the learning of anatomy beyond the traditional laboratory experience through service teaching of elementary school students: A Medical Student Perspective. American Association of Anatomists (AAA). FASEB J April 9, 2013 27:961.2 (poster)
62. *Ojukwu K, Padilla J, Diaz M*, **Wisco JJ**. Anatomy Academy promotes Systems-Based Practice among medical and undergraduate Students. American Association of Anatomists (AAA). FASEB J April 9, 2013 27:960.16 (poster)
63. Steed K, *Diaz M, Ojukwu K, Padilla J, Jenkins K*, Lassetter J, **Wisco JJ**. Our success in translating Anatomy Academy, an intervention program for 5th and 6th grade students, from Los Angeles, CA to Salt Lake City, UT. American Association of Anatomists (AAA). FASEB J April 9, 2013 27:961.1 (poster)
64. Banda AM, Steed K, Schmalz N, *Ojukwu K, Diaz M, Padilla J, Thang CK*, **Wisco JJ**. Effects of classroom structure on retention and implementation of knowledge in students. American Association of Anatomists (AAA). FASEB J April 9, 2013 27:957.21 (poster)
65. *Guzman C, Young S, Wimmers P*, Byus CV, **Wisco JJ**. Medical Student Feedback on Participating in a Combined Anatomy Curriculum, 2010-2012. American Association of Anatomists (AAA). FASEB J April 9, 2013 27:957.6 (poster)
66. *Young S, Guzman C, Wimmers P*, Byus CV, **Wisco JJ**. Medical Student Varying Effects of Prosection and Dissection Anatomy Curriculums on Confidence in the Clinical Setting. American Association of Anatomists (AAA). FASEB J April 9, 2013 27:957.4 (poster)
67. **Wisco JJ,** Stark ME, Lambert HW. Translational anatomy research at medical and undergraduate universities. American Association of Anatomists (AAA). FASEB J April 9, 2013 27:742.1 (poster)

68. Lambert HW, *Clarkson, MJ, Fox JN, Kennedy PM*, **Wisco JJ**. Using cadaveric material to impact translational research: From anatomy lab to the operating room. American Association of Anatomists (AAA). FASEB J April 9, 2013 27:444.1 (poster)
69. Chan KM, Schmalz NA, Choy K, Nguyen A, Pham TN, Stark ME, Dong H, Toga AW, Vinters HV, **Wisco JJ**. Empirical development of a histological protocol for whole brain sectioning to characterize neuropathological patterns in human specimens FASEB J April 9, 2013 27:967.2 (poster)
70. **Wisco JJ.** Extreme Makeover - Anatomy Edition: How a paradigm shift in pedagogy re-built and re-tooled anatomy into an essential clinical science at a medical school and undergraduate institution. Human Anatomy and Physiology Society (HAPS) Abstr 2013. (invited platform presentation)
71. Ray G, Lassetter J, **Wisco JJ**, Seastrand G. Anatomy Academy: the impact on student nurses. ATI nurse educator summit, Las Vegas, Nevada 2013.
72. **Wisco JJ**, *Diaz M*, Schmalz N, *Steed KS*, *Jenkins K*, Morton D, Lassetter J. Anatomy Academy: A model program for exposing pre-professional and undergraduate medical and allied health sciences students to the six ACGME Core Competencies. International Association of Medical Science Educators (IAMSE) Abstr 2013. (focus group)
73. Choy K, Nguyen AD, Kavafyan T, Liu R, Nguyen AT, Liu E, Schmalz N, Stark ME, Dong H, Toga AW, Vinters HV, **Wisco JJ**. Characterization of inflammatory responses to amyloid-beta deposits in the hippocampus. American Association of Clinical Anatomists (AACA). Clin Anat 2013;26:1036-1062 (poster)
74. Gillespie M, Jorgensen A, Wilkes D, **Wisco JJ**. Staining technique for MicroScribe 3D digitizing of anterior cruciate ligament and calcaneal tendon. American Association of Clinical Anatomists (AACA). Clin Anat 2013;26:1036-1062 (platform presentation)
75. *Miller R*, Bangerter N, *Park D, Stevens K, Ward S*, **Wisco JJ**. High resolution Magnetic Resonance Imaging (MRI) of the larynx in human and pig cadaveric specimens. American Association of Clinical Anatomists (AACA). Clin Anat 2013;26:1036-1062 (poster)
76. Newey C, Seastrand JB, Barzee B, Vogelsang D, Gamboa J, Jorgensen A, Wilkes D, **Wisco JJ**. Three-dimensional mapping and virtual reconstruction of a parapharyngeal space nerve plexus. American Association of Clinical Anatomists (AACA). Clin Anat 2013;26:1036-1062 (platform presentation and tech fair demo)
77. Nguyen AD, Choy K, Schmalz N, Ideta T, Nguyen AT, Liu R, Liu E, Tung S, Pham TN, Stark ME, Dong H, Toga AW, Vinters HV, **Wisco, JJ**. The possible role of microglia in the development of microinfarcts. American Association of Clinical Anatomists (AACA). Clin Anat 2013;26:1036-1062 (poster)
78. Zibetti K, Vogelsang D, Wilkes D, **Wisco JJ**. Three-dimensional characterization and mapping of gluteus medius muscle fibers. American Association of Clinical Anatomists (AACA). Clin Anat 2013;26:1036-1062 (poster)
79. *Babakchanian S, Johanne S, Honarpisheh H, Hwang K, Biado K, Tung S*, Frew A, Alger J, **Wisco JJ**, Schettler S, Zarow C, Vinters HV, Thompson P, Apostolova L. The relationship between hippocampal atrophy and neuropathology markers: A 7T MRI study. Alzheimer's & Dementia 2013; 9(4):8-9. (poster)
80. *Van Tassell K, Lassetter JH*, **Wisco JJ**, Brown LB. The impact of Ohana MANA Challenge on children's diet and activity. A podium presentation at the Brigham Young University, College of Nursing's Scholarly Works Conference, Provo, UT. October 14, 2013
81. *Jenkins K*, **Wisco JJ,** Lassetter JH, Williams M. Anatomy Academy: The impact of school-aged children's participation in an anatomy- and physiology-based intervention. A podium

presentation at the Brigham Young University, College of Nursing's Scholarly Works Conference, Provo, UT. October 14, 2013

82. Nielsen JJ, Young BD, Ashton BG, Fronk CA, Holden G, **Wisco JJ**, Barrow JR, Roeder BL, Cook AD. Optimization of decellularization processes for renal structures. Tissue Engineering & Regenerative Medicine International Society (TERMIS) Abstr 2013 (poster)
83. *Adhikari RD*, Matias C, *Nazaran A*, Perkins K, Burt SR, Bangerter N, Watt RK, **Wisco JJ**. Can iron be used as a diagnostic biomarker for Alzheimer's disease? BYU Gerontology Conference 2014 (poster)
84. *Adhikari RD*, Matias C, *Nazaran A*, Perkins K, Burt SR, Bangerter N, Watt RK, **Wisco JJ**. Can iron be used as a diagnostic biomarker for Alzheimer's disease? BYU Graduate student conference 2014 (poster)
85. Gamboa J, Newey C, Seastrand J, Russell A, Vogelsang D, **Wisco JJ**. Three-dimensional mapping and virtual reconstruction of a parapharyngeal space nerve plexus. Utah Conference on Undergraduate Research (UCUR) Abstr 2014 (poster)
86. Peterson D, Vogelsang D, **Wisco JJ**. Three-Dimensional modeling of facial nerve VII. Utah Conference on Undergraduate Research (UCUR) Abstr 2014 (poster)
87. Gardiner B, **Wisco JJ**. 3D Printing from MRI data: creating educational models for articulating morphological variance in neuroanatomy. Utah Conference on Undergraduate Research (UCUR) Abstr 2014 (poster)
88. Vogelsang D, Clayton II C, Frampton SB, Ray G, Brown LB, Lassetter J, **Wisco JJ**. Cooking Anatomy Academy: Healthy cooking intervention to raise obesity awareness in the polynesian community. Utah Conference on Undergraduate Research (UCUR) Abstr 2014 (platform presentation)
89. Jorgensen A, **Wisco JJ**. 3D mapping of cardiac nerves for improved cardiac ablation procedures in the treatment of cardiac arrhythmia. Utah Conference on Undergraduate Research (UCUR) Abstr 2014 (platform presentation)
90. **Wisco JJ.** Necessity is the mother of educational invention: A journey of discovering and developing electronic pedagogical tools for gross anatomy and histology. American Association of Anatomists (AAA). FASEB J April 2014 28:215.2 (invited plenary speaker)
91. Jorgensen A, **Wisco JJ**. 3D imaging of the muscle fibers of the supraspinatus for improved rotator cuff repair. American Association of Anatomists (AAA). FASEB J April 2014 28:923.9 (poster)
92. Gillespie M, Jorgensen A, Wilkes D, **Wisco JJ**. Tear analysis of the anterior cruciate ligament using a novel staining method. American Association of Anatomists (AAA). FASEB J April 2014 28:914.8 (poster)
93. Vogelsang D, Clayton II C, Frampton SB, Ray G, Brown LB, Lassetter J, **Wisco JJ**. Teaching healthy eating and cooking helps Polynesian and Pacific Islander participants make nutritious food choices. American Association of Anatomists (AAA). FASEB J April 2014 28:721.26 (poster)
94. Peterson D, Vogelsang D, **Wisco JJ**. Three-Dimensional modeling of facial nerve VII. American Association of Anatomists (AAA). FASEB J April 2014 28:726.3 (poster)
95. Gardiner B, Robison S, **Wisco JJ**. 3D printing from MRI data of stroke and Alzheimer's disease subjects: An educational model of neurologic disease. American Association of Anatomists (AAA).Abstr. 2014 FASEB J April 2014 28:728.4 (poster)
96. *McCleve J, White E*, Lassetter J, Ray G, Seastrand G, Steed K, Morton D, **Wisco JJ**, Wilson-Ashworth H. Anatomy Academy promotes the intellectual and professional development of

undergraduate students through an experiential learning environment. Human Anatomy and Physiology Society (HAPS) Abstr 2014 (poster)

97. Mageno A, Tullis A, *Steed K, McCleve J, White E*, Lassetter J, Ray G, Seastrand G, Morton D, Wilson-Ashworth HA, **Wisco JJ**. Who is the teacher and who is the student? The dual service- and engaged-learning pedagogical model in Anatomy Academy. Human Anatomy and Physiology Society (HAPS) Abstr 2014 (platform presentation)
98. **Wisco JJ**, *Steed K*, Lassetter J, Ray G, Seastrand G, Morton D, Wilson-Ashworth HA. How to establish a service-learning program in the local community to augment your classroom curriculum objectives: The Anatomy Academy model. Human Anatomy and Physiology Society (HAPS) Abstr 2014 (workshop)
99. Jorgensen A, Gardiner B, Robison S, Lambert HW, Morton DA, **Wisco JJ**. Application of the Sihler's technique to expose cardiac plexus fibers. American Association of Clinical Anatomists (AACA). Clin Anat 2014;27:1304-1329 (poster)
100. Peterson D, Vogelsang D, **Wisco JJ**. Three-dimensional modeling of the somatic facial nerve and its terminal branches. American Association of Clinical Anatomists (AACA). Clin Anat 2014;27:1304-1329 (poster)
101. Gillespie M, Peterson D, Harvey J, Peterson K, Vogelsang D, Brown J, Wiseman B, Long B, Call Z, **Wisco JJ**. Choose your (anatomy lab) section wisely. American Association of Clinical Anatomists (AACA). Clin Anat 2014;27:1304-1329 (poster)
102. Russell RA, Robison S, Vogelsang D, **Wisco JJ**. Anatomic and dynamic position MRI and 3D reconstructions of the ankle. American Association of Clinical Anatomists (AACA). Clin Anat 2014;27:1304-1329 (poster)
103. Hainsworth NC, Gillespie M, **Wisco JJ**. Analyzing structural differences in quadriceps femoris tendon fibers using MicroScribe technology. American Association of Clinical Anatomists (AACA). Clin Anat 2014;27:1304-1329 (poster)
104. Gamboa JE, **Wisco JJ**. Microarchitectural analysis of the ulnar collateral ligament to inform its reconstruction. American Association of Clinical Anatomists (AACA). Clin Anat 2014;27:1304-1329 (poster)
105. Vogelsang D, Russell RA, **Wisco JJ**. MRI-safe device for holding ankle in measured, fixed, dynamic position. American Association of Clinical Anatomists (AACA). Clin Anat 2014;27:1304-1329 (poster)
106. Avondet M, Jorgensen A, Gamboa J, Wisco JJ. MicroScribe 3D analysis of the proximal and distal attachments of the rotator cuff muscles. American Association of Clinical Anatomists (AACA). Clin Anat 2014;27:1304-1329 (poster)
107. Clayton II CD, Edmunds KJ, Labinpuno VRN, Nixon AT, Dorius GT, Sanders L, Morton DA, **Wisco JJ**. Digital mapping of lingual nerve branches between the buccal surface of the sublingual gland and the mandibular gingiva. American Association of Clinical Anatomists (AACA). Clin Anat 2014;27:1304-1329 (poster)
108. Anderson DC, Zibetti K, Schmalz N, Stark ME, **Wisco JJ**. 3D MicroScribe analysis of the gluteus medius and hip rotator muscles. American Association of Clinical Anatomists (AACA). Clin Anat 2014;27:1304-1329 (poster)
109. Call Z, Peterson D, Harvey J, Peterson K, Vogelsang D, Brown J, Wiseman B, Long B, **Wisco JJ**. Development of an anatomy practical assessment format that can be graded using Scantron technology. American Association of Clinical Anatomists (AACA). Clin Anat 2014;27:1304-1329 (platform presentation)
110. Lambert HW, *Kennedy PM, Whipp KP, Anderson ZV, Radow MK, Clarkson MJ, Fox JN*, **Wisco JJ**. Expanding translational research and scholarly output through clinician and student

involvement. American Association of Clinical Anatomists (AACA). Clin Anat 2014;27:1304-1329 (poster)

111. *Taylor MI, Wang H, Badal, Perkins JK, Park DJ, Kaggie J*, **Wisco JJ**, Bangerter NK. Relaxometry and Contrast Optimization for Laryngeal Imaging at 3 Tesla. Proceedings of the International Society for Magnetic Resonance in Medicine (ISMRM) 22, Milan, Italy; 05/2014.

112. *Nazaran A*, Bangerter N, *Perkins K, Park D*, Vinters HV, **Wisco JJ**. MR relaxometry of short-T2 tissues using 3D ultra-short echo time MRI in ex vivo brain with known Braak VI taopathy. Society for Neuroscience (SFN) Abstr 2014 (poster)

113. Herrington BJ, Barzee B, Barlow S, Robison S, Hansen M, Salin A, Stone M, Bridgewater J, Kavafyan T, *Steed K*, Stark ME, Dong H, Toga AW, Vinters HV, **Wisco JJ**. The spatial relationship between iron, tangles, and plaques in the subiculum. Society for Neuroscience (SFN) Abstr 2014 (poster)

114. *Adhikari RD*, Burt SR, Bangerter NK, Watt RK, Vinters HV, Wisco JJ. Relaxation properties of iron-bound AD-associated proteins. Society for Neuroscience (SFN) Abstr 2014 (poster)

115. Barlow SH, Herrington BJ, Hansen M, Salin A, Barzee B, Steed K, Stone M, Bridgewater J, Kavafyan T, Stark ME, Dong H, Toga AW, Vinters HV, **Wisco JJ**. Spatial correlation between iron, amyloid plaques, and tau tangles in the entorhinal cortex. Society for Neuroscience (SFN) Abstr 2014 (poster)

116. **Wisco JJ**, *Nazaran A*, Vinters HV, Bangerter NK. Methodology for computing white matter nerve fiber orientation in human histological slices. Society for Neuroscience (SFN) Abstr 2014 (poster)

117. Gardiner B, Robison S, **Wisco JJ**. Customizing 3D printed models from MRI data: Creating educational anatomy models of neurologic disease. Society for Neuroscience (SFN) Abstr 2014 (poster)

118. Ray G, Lassetter JH**, Wisco JJ**, Wilson-Ashworth H. Anatomy Academy: Optimizing Health by Improving Student Nurse's abilities to Mentor, Empower and Teach Children in a Community Setting, Conference Proceedings of the Council for the Advancement of Nursing Science's 2014 State of the Science Congress on Nursing Research: Optimizing Health by Addressing Complexity, Washington, D.C., available at available at http://www.nursingscience.org/assets/docs/2014%20council%20 accepted%20submissions.pdf Submission ID#48363

119. *Poornejad N*, Fronk C, House M, Kirkham W, Holden G, Nielson JJ, **Wisco JJ**, Roeder BL, Cook AD. Determining the integrity of decellularized porcine kidney scaffolds. Tissue Engineering. 2014;20:S1;S-63.

120. Jorgensen AM, Avondet MR, Gardiner B, Robison S, **Wisco JJ**. MicroScribe 3D analysis of the rotator cuff muscles compared to MRI reconstruction of the same muscles. American Association of Anatomists (AAA) Abstr 2015 (poster)

121. *Mason NL*, **Wisco JJ**. 3D rendering of porcine recurrent laryngeal neuroanatomy. American Association of Anatomists (AAA) Abstr 2015 (poster)

122. *Mason NL*, Robison S, Benvie A, **Wisco JJ**. Use of high-resolution magnetic resonance imaging to reconstruct recurrent laryngeal nerve structure in 3D. American Association of Anatomists (AAA) Abstr 2015 (poster)

123. *Steed KS*, Wilson-Ashworth H, **Wisco JJ**. Anatomy Academy: a catalyst for personal growth and development in undergraduate preprofessional and medical students. American Association of Anatomists (AAA) Abstr 2015 (poster)

124. Avondet MR, Gray T, Jorgensen A, **Wisco JJ**. Analysis of rotator cuff muscle attachments in the late cocking and follow through phases of baseball pitching on cadaveric specimens. American Association of Clinical Anatomists (AACA) Abstr 2015 (poster)
125. Gamboa JE, Sanders L, Dorius G, Morton DA, **Wisco JJ**. Anatomical analysis of the ulnar collateral ligament in cadaveric specimens and implications for joint stability and surgical recovery. American Association of Clinical Anatomists (AACA) Abstr 2015 (oral presentation)
126. Gillespie M, Smith D, Hurd R, **Wisco JJ**. High-speed video capture of anterior cruciate ligament femoral avulsion. American Association of Clinical Anatomists (AACA) Abstr 2015 (poster)
127. Jorgensen A, Gardiner B, Hilton A, Lambert HW, **Wisco JJ**. MRI reconstruction and 3D print of coronary vessels to aid in coronary bypass preoperative teaching and preparation. American Association of Clinical Anatomists (AACA) Abstr 2015 (poster)
128. *Steed KS*, Wilson-Ashworth H, **Wisco JJ**. Anatomy Academy: A catalyst for personal growth and development in undergraduate pre-professional and medical students. International Association of Medical Science Educators (IAMSE) Abstr 2015 (poster)
129. **Wisco JJ**, Morton DA. Pedagogy and Skills for Producing Flipped Classroom and Just-in-Time Teaching Materials. International Association of Medical Science Educators (IAMSE) Abstr 2015 (pre-conference workshop)
130. *Nazaran A*, Bangerter NK, Lambert HW, **Wisco JJ**. Resolving normally indistinguishable tissue inhomogeneities using 3D cones ultra short echo time MRI. Alzheimer's Association International Conference (AAIC) Abstr 2015 (poster)
131. *Adhikari RD*, Burt SR, Bangerter NK, Watt RK, Vinters HV, **Wisco JJ**. Relaxation properties of iron-bound AD-associated proteins. Alzheimer's Association International Conference (AAIC) Abstr 2015 (poster)
132. **Wisco JJ.** Wake up! - Engaging verbal & nonverbal 5th grade students at the inclusive Anatomy Academy. Current Trends in Autism 2015. Boston, MA (invited platform presentation)
133. Nguyen SE, **Wisco JJ**. The effect of students' emotional maturity on their perception of test question fairness: An fMRI study. Utah Conference on Undergraduate Research (UCUR) Abstr 2016 (poster)
134. Ray G, Lassetter JH, **Wisco JJ**. Anatomy academy: The positive impact on student nurses, a poster presentation at ATI National Nurse Educators Summit, Nashville, TN. Abstr. 2016
135. Lassetter JH, Macintosh CI, Williams M, Ray G, Driessnack M, **Wisco JJ** (2016). Psychometric testing of self-efficacy & recall questionnaires for children. *Communicating Nursing Research Conference Proceedings, 49*, Portland, OR: Western Institute of Nursing, p. 290.
136. **Wisco JJ**, Cutler C, Morton DA. Practical skills of video production and editing toward impactful flipped classroom content. International Association of Medical Science Educators (IAMSE) Abstr 2016 (pre-conference workshop)
137. **Wisco JJ**, *Steed KS*, Morton DA. Riddle me this? - constructing effective multiple-choice questions. International Association of Medical Science Educators (IAMSE) Abstr 2016 (pre-conference workshop)
138. Nguyen SE, Nguyen JL, *Hutchinson B*, **Wisco JJ.** The relationship between emotional quotient (EQ) and perception of assessment fairness in pre-professional students. International Association of Medical Science Educators (IAMSE) Abstr 2016 (oral presentation)

139. Brennan TA, San Diego ESK, Rollins CT, Duran CE, Gray TH, Weeks JJ, Lambert HW, **Wisco JJ**. Digital Mapping of the Maxillary Division of the Trigeminal Nerve: The PPG Nerve Branches. American Association of Clinical Anatomists (AACA) Abstr 2016 (oral presentation)
140. Duran CE, San Diego ESK, Rollins CT, Brennan TA, Gray TH, Weeks JJ, Lambert HW, **Wisco JJ**. Digital Mapping of the Maxillary Division of the Trigeminal Nerve: The Greater and Lesser Palatine Nerve. American Association of Clinical Anatomists (AACA) Abstr 2016 (poster)
141. San Diego ESK, Rollins CT, Brennan TA, Duran CE, Gray TH, Weeks JJ, Lambert HW, **Wisco JJ**. Digital Mapping of the Maxillary Division of the Trigeminal Nerve: The Superior Alveolar Nerve Branches. American Association of Clinical Anatomists (AACA) Abstr 2016 (poster)
142. Gray TH, Cowley TE, Bair RJ, **Wisco JJ**. Rotator cuff muscle fiber directions on cadaveric specimens during phases of baseball pitching. American Association of Clinical Anatomists (AACA) Abstr 2016 (poster)
143. Nguyen SE, *Doxey CR, Hutchinson B*, Nielson AL, Nguyen JL, Golightly T, Kirwan CB, **Wisco JJ**. The Effect of Students' Emotional Maturity on Their Perception of Test Question Fairness: An fMRI and Focus Group Study. American Association of Clinical Anatomists (AACA) Abstr 2016 (poster)
144. Smith DT, Cook SL, Gillespie M, *Reynolds HC, Stevens KA*, **Wisco JJ**. High-speed video capture of anterior cruciate ligament tear. American Association of Clinical Anatomists (AACA) Abstr 2016 (poster)
145. **Wisco JJ**, Tanner K, *Wang H*, *Miller R, Kaggie J*, Robison S, Thomson S, Hunter E, Bangerter NK, Mason NL. Ex-vivo high-resolution MRI of the porcine larynx and segmentation of neurovascular structures. 14th Biennial Phonosurgery Symposium. Madison, WI. Abstr 2016 (oral presentation)
146. Hunter EJ, Thomson SL, **Wisco JJ**, Tanner K. National repository for laryngeal data. 14th Biennial Phonosurgery Symposium. Madison, WI. Abstr 2016 (oral presentation)
147. **Wisco JJ**, *Nazaran A*, Jeffs D, Heldt B, Kudlacek J, Lambert HW, Morton DA, Watt RK, Vinters HV, Bangerter NK. Using ultra-short echo time (UTE) MRI to visualize Alzheimer's and cerebrovascular disease pathophysiology. Society for Neuroscience (SfN) Abstr 2016 (poster)
148. *Nazaran A*, **Wisco JJ**, Bangerter NK. A novel method for automated cytoarchitectonic parcellation of the rhesus monkey neocortex. Society for Neuroscience (SfN) Abstr 2016 (poster)
149. *Poornejad N*, **Wisco JJ**, Roeder BL, Cook AD. Non-Invasive Structural Investigation of Renal Scaffold by Magnetic Resonance Imaging (MRI). American Institute of Chemical Engineers (AIChE) Abstr 2016 (poster)
150. Adams JS, Nelson H, Strong E, Klappa S, **Wisco JJ.** Doctor of Physical Therapy Student's Participation in Teaching Basic Science Concepts in the Community Outreach Program, Anatomy Academy. American Physical Therapy Association (APTA). Abstr 2016.
151. **Wisco JJ**, Cook SL, Gillespie MA, Stevens KA, *Reynolds HC, Hurd R,* Smith DT. High-speed Video Capture of Anterior Cruciate Ligament Tearing. Utah Athletic Trainers Association. Weber State University, Ogden, UT 2016 (invited seminar)
152. Smith DT, Cook SL, Gillespie MA, *Reynolds HC,* Stevens KA, **Wisco JJ**. High-speed Video Capture of Anterior Cruciate Ligament Tear. Biomedical Engineering Western Regional Conference. Brigham Young University, Provo, UT 2017
153. Jensen R, Nielson A, Klein C, **Wisco JJ**. Learning Environment Fostered by Student-Mentor Interactions. Utah Conference on Undergraduate Research (UCUR) Abstr 2017 (poster).

154. Nielson A, Jensen R, Klein C, **Wisco JJ**. Anatomy Academy: Helping Problem Students Engage in Learning. Utah Conference on Undergraduate Research (UCUR) Abstr 2017 (poster).
155. Unson M, Brown M, *Muncy N*, Bigler E, **Wisco JJ**. Thalamic Volume Changes in Child TBI Brains. Utah Conference on Undergraduate Research (UCUR) Abstr 2017 (poster).
156. Doughty H, Baradaran D, **Wisco JJ**. Perceptions of Eyeglasses and Cataract Surgery Among Inhabitants of Southern Ghana. Utah Conference on Undergraduate Research (UCUR) Abstr 2017 (poster).
157. Baradaran D, Doughty H, **Wisco JJ**, Page R. Perceived Value of Eye Care Services Among Inhabitants of Southern Ghana. Unite For Sight 14th annual Global Health & Innovation Conference, April 22-23 2017, New Haven, Connecticut.
158. Hilton A, Jorgensen A, Gardiner B, Robison S, Lambert HW, Morton DA, **Wisco JJ**. Visualization of Myelinated Cardiac Plexus Fibers in Heart Failure Using Sihler's Stain. American Association of Anatomists (AAA) FASEB J April 2017 31:585.8 (poster)
159. Carr ST, Trumbull A, *Hutchinson BL*, Dallon B, Harrison M, Gray H, Gibbs J, Eskildsen D, Kudlacek J, Heldt B, Clayton C, **Wisco JJ**, Bikman BT. Insulin alters brain lipid profile and mitochondrial function. American Society for Investigative Pathology (ASIP). FASEB J April 2017 31:976.9 (poster)
160. Read CC, Nguyen SE, Sanders LE, Dorius GT, Morton DA, **Wisco JJ**. Trained peer teachers have a better roadmap for improving learning environments using active learning strategies. Human Anatomy and Physiology Society (HAPS) Abstr 2017 (workshop)
161. Read CC, Nguyen SE, Sanders LE, Dorius GT, Morton DA, **Wisco JJ**. Peer Teachers Who Are Trained in Specific Active and Self-Directed Learning Strategies Have a Clearer Roadmap for Improving Learning Environments. International Association of Medical Science Educators (IAMSE) Abstr 2017 (poster).
162. Nielson A, Jensen R, Klein C, **Wisco JJ**. Learning Communication Skills Through Teaching in Anatomy Academy as Preparation for Addressing Patient Non-Compliance. International Association of Medical Science Educators (IAMSE) Abstr 2017 (poster).
163. **Wisco JJ**, Le TT, Morton DA. Developing Self-Directed Learning Strategies for the Classroom and Beyond. International Association of Medical Science Educators (IAMSE) Abstr 2017 (focus session).
164. Page TS, Bruya A, **Wisco JJ**. Assessment of Anatomical Variation of the Ulnar Collateral Ligament in Athletes. American Association of Clinical Anatomists (AACA) Abstr 2017 (oral presentation).
165. Hancock T, **Wisco JJ**. Learning Experiences Using Traditionally Embalmed Versus Plastinated Specimens in an Undergraduate Gross Anatomy Course. American Association of Clinical Anatomists (AACA) Abstr 2017 (poster).
166. Holley SL, Hill SL, Vance PK, Challyandra L, Katrikh AZ, Stark ME, **Wisco JJ**. Dissectional Investigation: Variations in Morphology of the Teres Minor Tendon and Muscle-Tendon Junction. American College of Surgeons (ACS) 2017 (poster).
167. **Wisco JJ**, Read CC, Nguyen SE, Sanders LE, Dorius GT, *Steed KS, Hutchinson B*, Morton DA. The uncertainty principle of self-directed learning and a TA training program in response. American Association of Clinical Anatomists (AACA) Regional Meeting Abstr. 2017 (breakout session).
168. Loitz J, Crosby S, Fudge S, Hooper C, Hurst K, Muniz M, Poelman S, Shellman E, **Wisco JJ**. Anatomical and physiological sciences combined with art provides a unique educational

experience. American Association of Clinical Anatomists (AACA) Regional Meeting Abstr. 2017 (oral presentation).

169. Huggett, K, Sadik A, Saks N, Stein J, **Wisco JJ**. The IAMSE Medical Educator Fellowship: A novel, international program to foster educational scholarship. Association for Medical Education in Europe (AMEE) Abstr 2017. (poster)
170. Hobbs LK, Stevens NM, Richter K, Anderson M, *Johnson P, Muncy N, Doxey CR, Wang H, Hartley R*, Davis KC, Ottesen T, Kirwan CB, **Wisco JJ**. Putative Pheromone Activated Brain Activity between Male and Female Young Adults. Society for Neuroscience (SfN) Abstr 2017;55.01. (poster)
171. Unson M, Brown RM, *Muncy N*, Bigler E, **Wisco JJ**. Ventricular Volume Changes as a result of Severe TBI in Pediatric Patients. Society for Neuroscience (SfN) Abstr 2017;216.06. (poster)
172. *Steed KS*, Barkdull K, Hancock T, **Wisco JJ**. Effects of oxidative stress on transgenic mice: An Alzheimer's disease behavioral model. Society for Neuroscience (SfN) Abstr 2017;357.08. (nanosymposium)
173. Cottam CM, Cox AP, Burningham K, Tung S, Stone M, Bridgewater J, Kavafyan T, *Steed K*, Stark ME, Dong H, Toga AW, Vinters HV, **Wisco JJ**. Analysis of Tau, A-beta, and Iron stains in the Subiculum of the Hippocampus. Society for Neuroscience (SfN) Abstr 2017;672.25. (poster)
174. *Adhikari RD*, Staudte R, Atmojo M, *Mendoza M, Wang H,* Watt RJ, Bangerter NK, Burt S, **Wisco JJ**. Effects of oxidative insult with rescue diets and T2 signal dropouts in the hippocampus. Society for Neuroscience (SfN) Abstr 2017;672.26. (poster)
175. Cox AP, Cottam CM, Burningham K, Tung S, Stone M, Bridgewater J, Kavafyan T, *Steed K*, Stark ME, Dong H, Toga AW, Vinters HV, **Wisco JJ**. Amyloidosis, tauopathy, and microglial activation in the entorhinal cortex of alzheimer's disease versus frontotemporal dementia with cerebrovascular disease. Society for Neuroscience (SfN) Abstr 2017;672.27. (poster)
176. Burningham K, Cox AP, Cottam CM, Tung S, Stone M, Bridgewater J, Kavafyan T, *Steed K,* Stark ME, Dong H, Toga AW, Vinters HV, **Wisco JJ**. Comparison of colocalization of non-heme iron with Ab and Tau throughout Braak progression of AD in CA1, subiculum, and entorhinal cortex. Society for Neuroscience (SfN) Abstr 2017;672.28. (poster)
177. Lassetter JH, LeCheminant J, Anderson P, Peterson N, Ray G, **Wisco JJ**, Williams M, & Fitisemanu J Native Hawaiian and Pacific Islanders' BMI and other health indicators. Western Institute of Nursing. Communicating Nursing Research Conference Proceedings, 2018:51, Portland, OR: Western Institute of Nursing.
178. *Tarbox G, Nazaran A*, Bangerter N, **Wisco JJ**. Iron Deposition in Alzheimer's Dementia Hippocampus is Associated with Increased R2* Values. International Society for Magnetic Resonance in Medicine (ISMRM) Abstr 2018. (poster)
179. Malmgren LE, Smith DT, Read CC, Nguyen SE, Arrington DD, Brennan TA, Sullivan JA, Dawson DD, Day DC, Foulk CA, Gamble EM, Jenkins PR, Myers EJ, Nielson A, Stout RO, Tenney HA, Wayment A, **Wisco JJ**. Analyzing the Knowing-Doing Gap of Pedagogy Implementation by Near-Peer Pre-Professional Anatomy Lab Teachers. American Association of Anatomists (AAA) Abstr 2018. (poster)
180. Nielson A, Butler G, Johnson D, Moeller B, Morris L, Weekes SB, Winterbottom A, **Wisco JJ**. Anatomy Academy: Establishing Meaningful Student-Teacher Relationships and Feedback to Enhance Learning. International Association of Medical Science Educators (IAMSE) Abstr 2018. (poster)

181. Reid T, Reid R, **Wisco JJ**, Seferovich HM, Darowski ES. Reviewing the Impact of Social Media and Mindfulness on Medical Student Wellness. International Association of Medical Science Educators (IAMSE) Abstr 2018. (poster)
182. *Steed KS*, Nielson A, Jensen R, Klein C, **Wisco JJ**. Mentorship Through Anatomy Academy Contributes to Pre-Professional and Professional Medical Science Students' Interpersonal and Communication Skills Training. International Association of Medical Science Educators (IAMSE) Abstr 2018. (poster)
183. Weekes SB, Read CC, Nguyen SE, Nielson A, Butler G, Moeller B, Morris L, Winterbottom A, **Wisco JJ**. The Effect of Flipped Classroom Media Resources on Peer Instruction in the Gross Anatomy Learning Experience. International Association of Medical Science Educators (IAMSE) Abstr 2018. (poster)
184. *Crum AB, Hutchinson BL, Steed KS*, Black E, Pope D, Cox AP, **Wisco JJ**. Co-localization Patterns of AQP-4, Aβ, and CD68 in Alzheimer's and Cerebrovascular Diseases. American Association of Clinical Anatomists (AACA) Abstr 2018. (poster)
185. Langford SJ, **Wisco JJ**. Anatomy Pedagogy through the Lens of Second Language Learning. American Association of Clinical Anatomists (AACA) Abstr 2018. (oral presentation)
186. Later DM, **Wisco JJ**. Mapping the Anatomical Variations of Subcutaneous Nerves Surrounding the Knee. American Association of Clinical Anatomists (AACA) Abstr 2018. (poster)
187. Walton CM, *Johnson P*, Mitchell UH, Hunter I, Wisco JJ. Assessment of Anatomical Variation of the Glenohumeral Joint in Swimmers. American Association of Clinical Anatomists (AACA) Abstr 2018. (oral presentation)
188. *King RE, Steed KS, Rivera AE*, **Wisco JJ**, Thibeault SL. Imaging and quantifying dehydration and rehydration in vocal fold tissue layers. International Conference on Voice Physiology and Biomechanics (ICVPB) Abstr 2018. (poster)
189. Harris ML, Bennion E, Whinney K, Howard VJ, Wadley VG, McClure LA, Levine DA, Manly JJ, Glymour MM, **Wisco JJ**, Chaney RA, Thacker EL. Rural versus urban living and incident cognitive impairment in the Reasons for Geographic and Racial Differences in Stroke Study (REGARDS). American Heart Association Epidemiology and Prevention Conference, Houston, TX, March 2019.
190. **Wisco JJ**, Read C, Kudlacek J, *Jensen R, Duval J*, Banner E. Wake up! Engaging verbal and nonverbal autism spectrum students in the inspired learning environment of Anatomy Academy. BYU Latter-day Saint Educators Society Conference, Provo, UT. 2019. (platform)
191. **Wisco JJ**, Read C, Kudlacek J, *Jensen R, Duval J*, Banner E. Wake up! Wake up! Engaging verbal and nonverbal autism spectrum elementary school students in the Anatomy Academy service-learning environment. Human Anatomy and Physiology Society Abstract 2019 (poster)
192. Datta R, Dharmarajan K, Rallabhandy A, **Wisco JJ**. Developing Convolutional Neural Network-based Object Detection Pipelines to Optimize *H. pylori* Identification in Gastric Tissue Samples. Research in Science & Engineering Program (RISE) 2019. Boston University, Boston, MA (poster)
193. Rallabhandy A, Dharmarajan K, Datta R, **Wisco JJ**. Utilizing Convolutional Neural Networks to Optimize *H.Pylori* Recognition on DAB Stain Biopsies. Research in Science & Engineering Program (RISE) 2019. Boston University, Boston, MA (poster)
194. Dharmarajan K, Datta R, Rallabhandy A, **Wisco JJ**. Using Deep Learning to Detect the Presence of H. pylori from a Stomach or a Small Intestine Biopsy. Research in Science & Engineering Program (RISE) 2019. Boston University, Boston, MA (poster)

195. Wooden C, Meeks T, Dharmarajan K, **Wisco JJ**. Mineralocorticoid to Glucocorticoid Receptor Ratio and Alzheimer's Disease Correlation. Research in Science & Engineering Program (RISE) 2019. Boston University, Boston, MA (poster)
196. Meeks T, Wooden C, Datta R, Dharmarajan K, Rallabhandy A, **Wisco JJ**. Correlation between Pancreatic Lipase Levels and Alzheimer's Disease. Research in Science & Engineering Program (RISE) 2019. Boston University, Boston, MA (poster)
197. Burleson K, Taney KR, Simoyi M, Smith T, Van Hoomissen J, **Wisco JJ.** CAN YOU *DIG* IT? HAPS Diversity and Inclusion Group (DIG) Membership Survey. Human Anatomy and Physiology Society Abstract 2019 (poster)
198. *Steed KS*, Harris ML, *Hutchinson B, Adhikari R, Cieslak S*, Cox P, Nwosu I, Noorda KA, Noorda K , Loveland J, **Wisco JJ**. You are what you eat: high methionine and western diet impacts on Alzheimer's disease mouse model cognition and MRI. Society for Neuroscience Abstr 2019 (poster)
199. *Araujo AG*, Park D, Steed KS, Ajijola OA, Shivkumar K, Mahajan A, Fishbein M, Hageman N, Stark ME, **Wisco JJ**. Visualization and assessment of stellate ganglia neuronal remodeling in association with myocardial infarction (MI) and coronary artery disease. Society for Neuroscience Abstr 2019 (poster)
200. Sotelo A, *Diamse M,* Huang N, Steed KS, Hamilton J, **Wisco JJ**. Comparison of 11.7T ex vivo with 3T in vivo MRI signal intensity of the hippocampus of wild-type, Tau, and PSEN1 individual mice: A pilot study. Society for Neuroscience Abstr 2019 (poster)
201. Sotelo A, Steed KS, **Wisco JJ**. Comparison of MRI methods to delineate the effects of genotype and Western diet in an ex vivo Alzheimer's disease murine model. Emirates Neurology Society (EMINS) Abstr 2019 (poster)
202. **Wisco JJ**, Moussavi M. The Fact is, Faculty are Needed for Feedback, and Less for Facts. American Association of Clinical Anatomy (AACA) and Human Anatomy and Physiology Society (HAPS) joint regional meeting Abstr 2020 [invited workshop]
203. Afifi L, **Wisco JJ**. Interdisciplinary Approach to Student Led TBL Sessions American Association of Clinical Anatomy (AACA) and Human Anatomy and Physiology Society (HAPS) joint regional meeting Abstr 2020 [invited workshop]
204. **Wisco JJ**, Moussavi M, Afifi L. An Introduction to the Integrated Curriculum at Boston University Schools of Medicine, Dentistry, PA; Masters in Medical Sciences. American Association of Clinical Anatomy (AACA) and Human Anatomy and Physiology Society (HAPS) joint regional meeting Abstr 2020 [invited panelist]
205. Moussavi M, **Wisco JJ**. Jumping into TBL One Step at a Time. American Association of Clinical Anatomy (AACA) and Human Anatomy and Physiology Society (HAPS) joint regional meeting Abstr 2020 [invited workshop]
206. Sotelo A, Huang N, Steed KS, Hamilton JA, **Wisco JJ**. Optimization of relaxation times to provide the best signal intensity and resolution in MR images following exposure of Gadolinium-based Contrast Agents. Society for Neuroscience Connectome Meeting Abstr 2021 (e-poster)
207. Sloane L, Kirby J, **Wisco JJ**, Lopez M. Diversity, Equity, and Inclusion (DEI) in the Classroom Part 1: Faculty Perspective. Human Anatomy and Physiology Society Abstract 2021 (workshop)
208. Sloane L, Lopez M, **Wisco JJ**, Kirby J. Diversity, Equity, and Inclusion (DEI) in the Classroom Part 2: Student Perspective. Human Anatomy and Physiology Society Abstract 2021 (workshop)

209. Goldina A, **Wisco JJ**, Billings H. Sex and Gender Aren't Binary, Yo! And Here's Why…. Human Anatomy and Physiology Society Abstract 2021 (workshop)
210. Stevens K, Grachan J, Severt B, **Wisco JJ,** Mattinson CE. Gross Anatomy Labs During the Pandemic and Beyond. Human Anatomy and Physiology Society Abstract 2021 (workshop)
211. Schmalz NA, Byram JN, Steed KS, Clements D, **Wisco JJ**. Service-learning experience with low-income and special needs students impacts participant outcomes. International Association of Medical Science Educators (IAMSE) Abstr 2021 (oral presentation)
212. *Lin DC,* Bunch BS*, Zuim Dantas De Souza R, Chen DT, Zhou J,* Zumwalt AC, **Wisco JJ**. Effectiveness of Medical Gross Anatomy Pedagogical Tools for Teaching During the COVID-19 Pandemic. American Association of Clinical Anatomists Abstr 2021 (poster)
213. *Lin DC,* Bunch BS*, Zuim Dantas De Souza R, Fefferman AM*, Bunch BS, **Wisco JJ**. Variation of the Flexor Digitorum Accessorius Longus Muscle. American Association of Clinical Anatomists Abstr 2021 (poster)
214. *Zuim Dantas De Souza R, Lin DC, Filimonov AK*, Zumwalt AC, **Wisco JJ**. Exploratory Axillary Dissection of a Transhumeral Amputation: A Cadaveric Study. American Association of Clinical Anatomists Abstr 2021 (poster)
215. Sadik A, Heck AJ, Arja S, Huggett KN, Quesnelle KM, Smith PJW, Stein JP, **Wisco JJ**. Twelve Years of Faculty Development in Educational Scholarship through the IAMSE Medical Educator Fellowship. Association for Medical Education in Europe (AMEE) Abstr 2017. (poster)
216. *Lin DC,* Bunch BS*, Zuim Dantas De Souza R, Chen DT, Zhou J, Zumwalt AC*, **Wisco JJ**. Effectiveness of Medical Gross Anatomy Pedagogical Tools for Teaching During the COVID-19 Pandemic. Boston University School of Medicine, McCahan Education Conference Abstr 2021 (poster)
217. *Zuim Dantas De Souza R, Lin DC,* Bunch BS, Zumwalt AC, **Wisco JJ.** "Flip the Switch" on the Classroom and on the Faculty-Student Collaboration. Boston University School of Medicine, McCahan Education Conference Abstr 2021 (workshop)
218. *Claus LA, Cassidy B, Prasad M, Landau-Taylor J,* **Wisco JJ**. Integration of Point-of-Care Ultrasound in Preclinical Medical Education. Boston University School of Medicine, McCahan Education Conference Abstr 2021 (workshop)
219. Kirschling J, Maine LL, Patton J, **Wisco JJ**. Trends and Issues Facing Health Professions Educators. Association for Educational Communications and Technology (ACET), Education in the Health Professions–Special Interest Group (EDHP–SIG). Abstr 2021 (invited panelist)
220. *Amsterdam C*, Philip A, *Nirody S*, Sotelo A, Huang N, Hamilton J, **Wisco JJ**. A Qualitative Comparison of Manual and K-means Segmentation for Whole-slide Histology Images of Rabbit Vocal Folds. American Association for Anatomy (AAA) Abstr 2022 (poster)
221. Bellapu A, **Wisco JJ**. A review of Melodic Intonation Therapy (MIT) and pilot of Dynamic Adaptive Speech Reconstruction (DASR) imaging. American Association for Anatomy (AAA) Abstr 2022 (poster)
222. Critchfield-Jain I, Lahodny A, Gentillon R, Read C, Banner E, **Wisco JJ**. Qualitative Analysis of Autism Spectrum Disorder Student Body Language and Teacher Pedagogical Techniques while Scanning for Frontal Lobe Activation Using fNIRS. American Association for Anatomy (AAA) Abstr 2022 (poster)
223. Kania B, Sotelo A, *Ty D*, **Wisco JJ**. A Fight Against Gut Dysbiosis: Dendritic-cell Derived Hepcidin and its Healing Role and Prevention of Neurologic Disease. American Association for Anatomy (AAA) Abstr 2022 (poster)

224. Lahodny A, Critchfield-Jain I, Gentillon R, Read C, Banner E, **Wisco JJ**. Qualitative analysis of the role of teacher rapport on autism spectrum disorder student engagement while scanning for frontal lobe activation using fNIRS. American Association for Anatomy (AAA) Abstr 2022 (poster)
225. *Lai E, Rukavina NA,* **Wisco JJ**, Zumwalt A. Feelings of Gratitude in Dissection- and Prosection-Based Cadaveric Anatomy Courses. American Association for Anatomy (AAA) Abstr 2022 (poster)
226. *Mosaheb S*, Afifi L, **Wisco JJ**, Zumwalt A. The effective use of the Anatomage table as a teaching tool for learning the Infratemporal Fossa. American Association for Anatomy (AAA) Abstr 2022 (poster)
227. *Rukavina NA, Lai E,* **Wisco JJ**, Zumwalt A. Medical School Culture Influences How Students Think About Gross Anatomy Lab. American Association for Anatomy (AAA) Abstr 2022 (poster)
228. Sotelo A, Kania B, *Ty D*, **Wisco JJ**. The Gut-Brain Connection: The Inflammatory Role of IL-6 Caused by a Western Diet. American Association for Anatomy (AAA) Abstr 2022 (poster)
229. *Tse S, Fefferman A,* Yang R, Li A, **Wisco JJ**. Determining the Association Between Density of Muscarinic Acetylcholine Receptor M3 in Myocardium and Tunica Media of Coronary Vasculature and Self-Reported Disease States. American Association for Anatomy (AAA) Abstr 2022 (poster)
230. *Ty D*, Kania B, Sotelo A, **Wisco JJ**. Gut Dysbiosis: A Review of the Effects of a High-Fat Diet on Iron Regulation and Brain-Derived Neurotrophic Factor (BDNF) Expression in the Brain-Gut Axis. American Association for Anatomy (AAA) Abstr 2022 (poster)
231. Yang R*, Fefferman A, Tse S,* Park D, **Wisco JJ**. Nearest Neighbor Density Analysis of the Stellate Ganglia. American Association for Anatomy (AAA) Abstr 2022 (poster)
232. **Wisco JJ**. Personal Statements for Health Sciences Professional School: Admissions Committees Want to Hear Your Story. American Association for Anatomy (AAA) Abstr 2022 (invited plenary)
233. Zumwalt A, *Lai E, Rukavina NA,* **Wisco JJ.** The Emotional Experiences of Students in Dissection- and Prosection-based Cadaveric Anatomy Courses. American Association for Anatomy (AAA) Abstr 2022 (plenary)
234. *Claus L, Cassidy B, Landau-Taylor J, Prasad M*, **Wisco JJ**. Preclinical ultrasound education using a near-peer educational model. International Association of Medical Science Educators (IAMSE) Abstr 2022 (Oral Presentation; Presentation Award Winner)
235. *Filimonov A*, Rivera E, Flynn D, **Wisco JJ**. Identifying Health Disparities among Transgender Pelvic Cancer Patients: A Grounded-Theory Thematic Meta-Analysis Approach. International Association of Medical Science Educators (IAMSE) Abstr 2022 (Poster)
236. Vollbrecht P, Porter-Stransky KA, Restini C, Carvalho H, Roller B, Holder C, **Wisco JJ**, Dickson C, Weiler T. Producing scholarship from outreach and service learning in health professions education. International Association of Medical Science Educators (IAMSE) Abstr 2022 (focus group)
237. Weber J, **Wisco JJ**. Win-Win Feedback Interactions: Promoting More Positive and Productive Learning Conversations. International Association of Medical Science Educators (IAMSE) Abstr 2022 (focus group)
238. *Schmalz NA*, Steed KS, **Wisco JJ**. Service-learning builds community between learners and with the greater community. Boston University Faculty Forum Abstr 2022 (poster)

239. **Wisco JJ**, Steed KS, Read CC, Banner E, *Schmalz NA*. Building a service-learning community partnership to expand the classroom learning experience. Boston University Faculty Forum, Boston, MA Abstr 2022 (poster)
240. Collins AJ, Gest TR, Lohman Bonfiglio CM, Meyer ER, Nation HL, **Wisco JJ**, Carter Y. The sum of our voices: toward achieving diversity, equity, and inclusion in the AACA. American Association of Clinical Anatomists (AACA) Abstr 2022. (panelist)
241. *In A, Baribeau VY, Lin DC, Fefferman AM,* Mitchell JD, **Wisco JJ**. Quantitative Measurement of Dissection: Differentiation of Dissectors Using Hand Motion Analysis. American Association of Clinical Anatomists (AACA) Abstr 2022. (oral presentation)
242. *Fefferman AM,* Yang R*, Tse S, Li A*, **Wisco JJ**. Superior Cervical and Stellate Ganglia Remodeling in Heart and Brain Vascular Pathology. American Association of Clinical Anatomists (AACA) Abstr 2022. (oral presentation)
243. *Lin DC, In A, Baribeau VY*, **Wisco JJ**. Congenital hand malformations in an anatomical donor: a potential case of symbrachydactyly and contrahentes digitorum. American Association of Clinical Anatomists (AACA) Abstr 2022. (oral presentation)
244. Baum MM, Davidoff A, **Wisco JJ**. Novel Computational Methods for Mediastinal Structure Assessment to Aid in COPD Diagnosis. American Association of Clinical Anatomists (AACA) Abstr 2022. (oral presentation)
245. *Rathod S, Kolus R, Byungchan K, Gurnani S, Kim A, Kim E, Tan F, Van Roy I*, Whitney E, Macneil M, **Wisco JJ**. A Case of an Abnormally Dilated and Tortuous Arc of Buhler and Pancreaticoduodenal Arteries in the Absence of Celiac Trunk Stenosis. American Association of Clinical Anatomists (AACA) Abstr 2022. (poster)
246. *Black E, Rasch A*, Wimmer T, Li A, Cieslak S, Steed KS, Adhikari RD, **Wisco JJ**, Hutchinson B. Age, genotype, and diet effects on an ApoE mouse model. Society for Neuroscience (SfN) Abstr 2022 (poster)
247. Conn A, Lahodny A, Critchfield-Jain I, **Wisco JJ**. The Anatomy Academy model for teaching healthy habits… on Zoom! 2023 SHAPE America National Convention & Expo. Abstr 2023. (Roundtable – Oral)
248. *Oddo B, Siegel N, Lee C, Robinson T, Xia L*, Grimes J, **Wisco JJ**. The Use of a Novel Aesthetic Scale for Improving Public Understanding of Clinical Illustrations: An Exploratory Study. Boston University Aram V. Chobanian & Edward Avedisian School of Medicine, Medical Student Summer Research Program (MSSRP) Abstr 2023 (poster)
249. Ye M, Goodman D, Prasad M, **Wisco JJ**. iProbe, an ultrasound probe simulator application for the smartphone. Massachusetts Medical Society (MMS) Presentation 2023 (Oral; Presentation Award Winner)
250. Gates AR, *Filimonov AK*, **Wisco JJ**, Goldina A. Examination of transgender and intersex material published by Professional Medical Associations. American Association for Anatomy (AAA) Abstr 2023 (poster)
251. Grachan J, Breckling A, Leeper B, Stevens K, **Wisco JJ**, Robinson R. Dissecting the “Heart” of the ADS Coaching Program. Human Anatomy and Physiology Society (HAPS) Abstr 2023 (workshop)
252. Breckling A, Grachan J, Leeper B, **Wisco JJ**, Robinson R, Stevens K. Top 10 Tools Needed In Your Anatomy Lab Resource and Outreach Toolbelt. Human Anatomy and Physiology Society (HAPS) Abstr 2023 (workshop)
253. *Aijaz A, Dabbara H, Goodman D, Wang J, Cassidy B, Claus L, Prasad M, Landau-Taylor J,* Shaffer K, **Wisco JJ**. Impact of low-stakes assessments on ultrasound confidence in pre-

clerkship medical students and graduate students. International Association of Medical Science Educators (IAMSE) Abstr 2023 (poster)

254. *Capen T, Sconzo D, Arbelaez C*, **Wisco JJ**. Interleaving interdisciplinary ultrasound practice into pre-clerkship anatomical courses. International Association of Medical Science Educators (IAMSE) Abstr 2023 (oral presentation)

255. *Dabbara H, Goodman D, Wang J, Aijaz A, Cassidy B, Claus L, Landau-Taylor J, Prasad M,* Shaffer K, **Wisco JJ**. "Self-reported confidence, hands-on scanning performance, and students' ability to gauge their skills" International Association of Medical Science Educators (IAMSE) Abstr 2023 (oral presentation)

256. *Filimonov AK*, Rivera E, Gates AR, Allos AN, Flynn D, Goldina A, **Wisco JJ**. Grounded theory thematic meta-analysis: a novel approach. International Association of Medical Science Educators (IAMSE) Abstr 2023 (poster)

257. Gates AR, *Filimonov AK*, **Wisco JJ**, Goldina A. Examination of LGBTQIA+ inclusive recommendations issued by Professional Medical Associations across healthcare fields. International Association of Medical Science Educators (IAMSE) Abstr 2023 (poster)

258. *Goodman D, Wang J, Aijaz A, Dabbara H, Prasad M, Landau-Taylor J, Cassidy B, Claus L, Lin J, Patel R, Barrett J, Shi J,* Zhang H, Xu H, McFadden G, **Wisco JJ,** Shaffer K. Evolution of a point-of-care ultrasound elective integrated into the preclinical curriculum. International Association of Medical Science Educators (IAMSE) Abstr 2023 (poster)

259. *Lee C, Oddo B, Siegel N, Robinson T, Xia L*, **Wisco JJ**. Visual medicine: Patient understanding of physician illustrated medical concepts. International Association of Medical Science Educators (IAMSE) Abstr 2023 (poster)

260. *Prasad M, Cassidy B, Claus L, Landau-Taylor J, Aijaz A, Dabbara H, Goodman D, Wang J,* **Wisco JJ.** Student perception of the importance of research for residency after the transition to USMLE Step 1 P/F scoring. International Association of Medical Science Educators (IAMSE) Abstr 2023 (poster)

261. Schmalz NA, **Wisco JJ**, Byram JN. Service-learning participation supplements the education and professional development of pre- and current health professional students. International Association of Medical Science Educators (IAMSE) Abstr 2023 (poster)

262. Schmidt E, Clancy D, **Wisco JJ**. Exploring the Potential Benefits of Figurative Art Exhibitions Within the Gross Anatomy Educational Environment. International Association of Medical Science Educators (IAMSE) Abstr 2023 (poster)

263. *Siegel N, Oddo B, Lee C, Robinson T,* Xia L, **Wisco JJ**. Drawing the diagnosis: a novel scale for the evaluation of physician illustrated clinical concepts. International Association of Medical Science Educators (IAMSE) Abstr 2023 (poster)

264. *Wang J, Aijaz A, Dabbara H, Goodman D, Baribeau V*, Xu H, McFadden G, **Wisco JJ**. Creation of a condensed 4-view cardiac exam for assessment of ultrasound proficiency in pre-clerkship medical students. International Association of Medical Science Educators (IAMSE) Abstr 2023 (poster)

265. Ye M, *Goodman D, Prasad M,* Perry M, *Claus L*, Lufler R, Harrison JR, Zumwalt AC, **Wisco JJ**. Developing a mobile app to simulate ultrasound transducer motion and enhance clinical anatomy training. International Association of Medical Science Educators (IAMSE) Abstr 2023 (poster)

266. *Shearer J,* Estevez Stabio M, Salcedo E, Leppek N, **Wisco JJ**, Lohman Bonfiglio CM. Evaluating a High-Resolution Smartphone Photogrammetry App to Democratize Digital Cadaver Preservation. American Association of Clinical Anatomists Abstr 2023 (poster)

267. *Ellin M*, Asiedu M, Lilley M, Maimone M, Wynn S, **Wisco JJ**, Lopez ME. Factors that contribute to the diversity and success of pathway programs. Association of STEMM Pathway and Bridge Programs (ASPBP) Abstr 2023 (roundtable)
268. Dunn T, Jefferson C, Britton S, Cook N, Cruise C, Lau K, Williams Z, **Wisco JJ,** Lopez ME. The PATHway for URMs to Medical School: Highlighting the Challenges We Face. Association of STEMM Pathway and Bridge Programs (ASPBP) Abstr 2023 (panel)
269. Rau K, Kemp K, **Wisco JJ**. How to utilize community partners to connect with the audience you intend to serve: Moving from outreach to engagement. Association of STEMM Pathway and Bridge Programs (ASPBP) Abstr 2023 (roundtable)
270. **Wisco JJ**, Britton V. Best practices for starting a university-public school partnership that fosters inclusion and mentoring: Lessons learned from Anatomy. Association of STEMM Pathway and Bridge Programs (ASPBP) Abstr 2023 (poster)
271. **Wisco JJ**, Goldina A. What does effective, inclusive feedback actually look like in various learning spaces? A role-playing workshop. Association of STEMM Pathway and Bridge Programs (ASPBP) Abstr 2023 (workshop)
272. **Wisco JJ**, Harris AC. An Introduction to Universal Design for Learning that Promotes Education Accessibility. Association of STEMM Pathway and Bridge Programs (ASPBP) Abstr 2023 (workshop)
273. **Wisco JJ**. Anatomy Academy: Starting the health professions pathway together through outreach, service-learning, and K-12 mentorship. Association of STEMM Pathway and Bridge Programs (ASPBP) Abstr 2023 (poster)
274. Stevens M, Webster EH, Pipkin-Litster C, Dromey C, **Wisco JJ**, Christensen B, Tanner K. Investigating the Effects of Laryngeal Preservation Method on Phonatory Measures in an Excised Porcine Model. Fall Voice Abstr 2023 (poster)
275. *Shearer J*, Stabio Estevez M, Salcedo E, Lohman CM, **Wisco JJ**. Moving Toward Digital Cadaver Preservation Through Smartphone-Based LiDAR Surface Scanning. APICA-ANZACA Abstr 2023 November 30–3; Dunedin NZ. (podium presentation)
276. *Shearer J*, Stabio Estevez M, Salcedo E, Leppek N, **Wisco JJ**, Lohman Bonfiglio CM. Evaluating a High-Resolution Smartphone Photogrammetry App to Democratize Digital Cadaver Preservation. Poster presentation at: American Association of Clinical Anatomists; 2023 July 9–12; Orlando FL. *Late Breaking Abstract
277. *Shearer J*, Stabio Estevez M, Salcedo E, Lohman CM, **Wisco JJ**. Digital Cadaver Preservation: Why Should Academic Leadership Care? Workshop presentation at: AACBNC; 2024 January 20–31; St. Kitts.
278. *Shearer J*, Stabio Estevez M, Salcedo E, Lohman CM, **Wisco JJ**. From Cadavers to Code: Establishing Best Practices and Protocols for Digital Cadaver Preservation. Poster presentation at: Anatomy Connected; 2024 March 22–25; Toronto Canada.
279. **Wisco JJ**. Translating anatomy from cadaver donor to VH Dissector cross-sections and back using just a piece of string. Touch of Life Technologies (TolTech) Virtual User Meeting Abstr 2024 (Symposium presentation)
280. Chang K, Tsao A, Park J, Foley J, MacNeil M, **Wisco JJ**. Manual segmentation of a human embryo from legacy collection. American Association for Anatomy (AAA) Abstr 2024 (podium presentation)
281. **Wisco JJ**, Elzie C, Goldina A. Aiming for the bullseye: A fresh perspective on Bloom's Taxonomy for creating learning objectives, activities, and assessments. Human Anatomy and Physiology Society (HAPS) Abstr 2024 (poster)

282. Goldina A, **Wisco JJ**. Hitting the bullseye: Case examples for how to create learning objectives, activities, and assessments that encompass more than one level of Bloom's Taxonomy. Human Anatomy and Physiology Society (HAPS) Abstr 2024 (poster)
283. Breckling A, Grachan J, Leeper B, Robinson R, **Wisco JJ**, Stevens K. Love It or Fix It: Top Tricks and Tools for Your Anatomy Lab. Human Anatomy and Physiology Society (HAPS) Abstr 2024 (workshop)
284. Grachan J, Breckling A, Edwards D, Leeper B, Robinson R, Stevens K, **Wisco JJ**. Using our (Sheep) Brains to Teach Anatomy: The ADS Support Team. Human Anatomy and Physiology Society (HAPS) Abstr 2024 (workshop)
285. Stevens K, Cleveland L, Grachan J, Leeper B, Robinson R, **Wisco JJ**. Is Your Anatomy Laboratory Ethically Sound? A panel discussion on ethical topics in the anatomy laboratory. Human Anatomy and Physiology Society (HAPS) Abstr 2024 (workshop)
286. **Wisco JJ**, Neri C. Applying Dual Processing Theory to Feedback Conversations. Boston University Aram V. Chobanian & Edward Avedisian School of Medicine, John McCahan Medical Campus Education Day Abstr 2024 (workshop)
287. *Braha N, Cengiz K, Donohoo N, Zhu C, Oddo B, Lee C, Siegel N, Robinson T,* Schmidt E, **Wisco JJ**. Effective Communication through Art: Process of Administering an Instructional Video To Improve Physicians' Artistic Abilities. International Association of Medical Science Educators (IAMSE) Abstr 2024 (poster)
288. *Braha N, Cengiz K, Donohoo N, Zhu C,* Schmidt E, **Wisco JJ**. Enhancing Physicians' drawings: Aesthetic scores impacted by instructional video. International Association of Medical Science Educators (IAMSE) Abstr 2024 (oral presentation; award nominee)
289. *Claus L, Cheng M, Scheuer LS, Capen T, Liberman M, Kang MC, Landau-Taylor J, Prasad M, Cassidy B, Goodman D, Aijaz A, Dabbara H, Wang J*, Ye M, Shaffer K, **Wisco JJ**. The Effects of Preclinical Ultrasound Education On Medical Student Professional Identity Formation. International Association of Medical Science Educators (IAMSE) Abstr 2024 (oral presentation)
290. *Donohoo N, Zhu C, Braha N, Cengiz K, Oddo B, Lee C, Siegel N, Robinson T,* Schmidt E, **Wisco JJ**. Illustration clinic: teaching physicians to illustrate to improve health literacy. International Association of Medical Science Educators (IAMSE) Abstr 2024 (oral presentation)
291. *Hill CJ, McNamara T, Ringel R, Scheuer LS,* Offner GD, Neri CM, Cohen-Osher MB, Garg PS, **Wisco JJ**. Bridging The Gap: Faculty and Medical Student Perceptions of Self-Learning Guide Learning Objectives. International Association of Medical Science Educators (IAMSE) Abstr 2024 (poster)
292. *Kang MC, Kyada RJ, Cheng M, Liberman M, Scheuer LS*, Shaffer K, **Wisco JJ**. Enhancing Musculoskeletal Ultrasound Competency in Medical Students through Self-Learning Guides. International Association of Medical Science Educators (IAMSE) Abstr 2024 (poster)
293. *Liberman M, Cheng M, Kang MC, Kyada RJ, Scheuer LS,* Shaffer K, **Wisco JJ**. Facilitating Ultrasound Mastery in Medical Students through Self Learning Guides. International Association of Medical Science Educators (IAMSE) Abstr 2024 (poster)
294. *McNamara T, Ringel R, Scheuer LS, Hill CJ,* Offner GD, Neri CM, Cohen-Osher MB, Garg PS, **Wisco JJ**. Using Succinct Writing Techniques Lessens Self-Guided Learning Extrinsic Cognitive Load for Students. International Association of Medical Science Educators (IAMSE) Abstr 2024 (oral presentation)
295. *Ringel R, Scheuer LS, Hill CJ, McNamara T,* Offner GD, Neri CM, Cohen-Osher MB, Garg PS, **Wisco JJ**. A Checklist For Developing Customized Content in Pre-Clinical Medical Education. International Association of Medical Science Educators (IAMSE) Abstr 2024 (oral presentation)

296. *Scheuer LS, Ringel R, Hill CJ, McNamara T,* Offner GD, Neri CM, Cohen-Osher MB, Garg PS, **Wisco JJ**. Faculty and Student Perceptions of The Implementation of A Novel Medical School Curriculum. International Association of Medical Science Educators (IAMSE) Abstr 2024 (oral presentation)
297. Toppa PH, Wei K, **Wisco JJ**. Establishing Trustworthy University-Community and Public School Partnerships: An Anatomy Academy Model of Service-Learning and Outreach. International Association of Medical Science Educators (IAMSE) Abstr (2024 poster)
298. *Zhu C, Braha N, Cengiz K, Donohoo N, Oddo B, Lee C, Siegel N, Robinson T*, Schmidt E, **Wisco JJ**. Physician Qualitative Responses to a Video Tutorial on Improving Clinical Illustrations. International Association of Medical Science Educators (IAMSE) Abstr 2024 (poster)
299. *Yang R*, Park D, Nazaran A, Bangerter NK, **Wisco JJ**. Creation of a dataset to simulate cytoarchitectonic patterns. Society for Neuroscience (SFN) Abstr 2024 (Poster)
300. Lewis B, **Wisco JJ**. MedWork: Small Group Mentoring for an International Network of Pre-Professional Health Sciences Students. Association of STEMM Pathway and Bridge Programs (ASPBP) Abstr 2024 (Programs, Highlights, and Innovations)
301. *Shearer J*, **Wisco JJ**. Incorporating Smartphone-Based LiDAR Surface Scanning into Formative Assessments with VH Dissector VR. Virtual podium presentation at: Toltech Virtual User Meeting; 2024 March 7-8; Online.
302. *Shearer J*, **Wisco JJ**. Equity in Anatomy Education: Overcoming Barriers through Digital Cadaver Preservation and Inclusive Pedagogy. Panel presentation at: Faculty Forum 2024: InnovateEDU; 2024 April 9; Boston MA.
303. *Shearer J*, Stabio Estevez M, **Wisco JJ**. Advanced Sectional Anatomy with the VH Dissector. Workshop training at: Toltech User Meeting; 2024 June 13–14; Dallas TX.
304. *Shearer J*, **Wisco JJ**. A Practical Implementation of Extended Reality for Advanced Anatomy Education. Podium presentation at: AACBNC; 2025 January 15–18; Costa Rica.
305. *Shearer J*, **Wisco JJ**. Digitally Preserved Cadavers as a Study Tool for Make-Up or Remediation Examinations in the Absence of Available Donors. Anatomy Connected; 2025 March 28–31; Portland OR. (poster)
306. *Shearer J*, Zumwalt AC, **Wisco JJ**. Beyond the Dissection Table: Extended Reality as a Supplement in an Advanced Medical School Elective. Anatomy Connected; 2025 March 28–31; Portland OR. (poster)
307. *Shearer J*, Stabio Estevez M, **Wisco JJ**. Equal Precision: Novice and Expert Surfaces Scans of Anatomy Yield Comparable Accuracy. Anatomy Connected; 2025 March 28–31; Portland OR. (poster)
308. *Null M, O'Quinn M, Shearer J*, **Wisco JJ**, Lin D. Unique Renal Collar Accompanied by a Second Retroaortic Accessory Limb in a Cadaver. Anatomy Connected 2025 (poster)
309. *O'Quinn M, Ingraham R, Null M, Shearer J*, **Wisco JJ**, Lin D. Accessory head of biceps brachii coupled with median nerve innervation. Anatomy Connected 2025 (poster)
310. *Erfle B, Han V*, **Wisco JJ**. Bilateral Accessory Soleus Muscles with Distinct Calcaneal and Tendinous Attachments:Clinical Significance and Implications. Anatomy Connected 2025 (poster)
311. *Tan M*, **Wisco JJ**, Cohen-Osher M, Garg PS. Key Elements of Prework to Maximize Flipped Classroom Learning. Northeast Group on Educational Affairs (NEGEA), Association of American Medical Colleges (AAMC) 2025. (poster)

312. *Shearer J*, **Wisco JJ**. Enhancing Medical Education: The Impact of Extended Reality (XR) on Anatomical Knowledge in Fourth-Year Medical Students. Virtual podium presentation at: Toltech Virtual User Meeting; 2025 March 6–7; Online.
313. *Shearer J*, **Wisco JJ**. Digital Cadaver Preservation: Advancing Basic Gross Anatomy Research Through 3D Scanning. Poster presentation at: GMS Research Symposium; 2025 April 10; Boston MA.
314. *Shearer J*, **Wisco JJ**. Advanced Surface Scanning Workshop: Best Practices and Practical Considerations for Digital Cadaver Preservation in the Cadaver Lab. Workshop training at: Toltech User Meeting; 2025 June 6–7; Denver CO.
315. Urrutia G, **Wisco JJ**, Lopez ME. Student Perceptions of Flawed Multiple Choice Questions and Fairness in Assessment. International Association of Medical Science Educators (IAMSE) Abstr 2025 (poster)
316. Porter-Stransky K, Vollbrecht P, Weiler T, Restini C, **Wisco JJ**. Program to Publication: How to Publish Peer-Reviewed Papers on STEMM Outreach and Pathway Programs. Association of STEMM Pathway and Bridge Programs 2025. (Round Table Discussion)
317. Book EC, Lewis BE, **Wisco JJ**. MedWork: Powering STEMM Futures Through Tech-Driven Mentorship and Connections. Association of STEMM Pathway and Bridge Programs (ASPBP) 2025. (Programs, Highlights, and Innovations poster)
318. Lewis BE, **Wisco JJ**. MedWork: Breaking Physical Barriers and Making Connections Through Virtual Mentorship. Association of STEMM Pathway and Bridge Programs (ASPBP) 2025. (Programs, Highlights, and Innovations poster)
319. *Gray S, Cheng M, Zhao J, Kirby S, Glace J, Cataldo G, Prattipati N*, **Wisco JJ**. A Student-Created Phantom Model for Affordable Early Ultrasound Exposure in Medical Education. American Medical Association (AMA) 2025 (poster)
320. Zhang B, **Wisco JJ**, Gibson P, Huang S, Amiri L, and Chen Z. Educational Outreach for Healthcare Workforce Development. AMEE 2025 Symposia MedEdPublish (2025)
321. Li KS, Gajic P, Green EA, Cohen-Osher M, **Wisco JJ**. Evaluation of Formal and Informal Application Sessions Designed to Improve Interest and Confidence in Ultrasound Skills in a Medical Education Preclinical Curriculum. Boston University John McCahan Education Day (2026) (poster)

Textbook Chapters:

1. Metten S, **Wisco JJ**, Stark E. Cranial Nerves Anthology. *UCLA Medical School Website*. 2008-09. http://www.medsch.ucla.edu/angel/default.asp
2. Metten S, **Wisco JJ**, Stark E. Cardiovascular System Anthology: The Mediastinum file. *UCLA Medical School Website*. 2008-09. http://www.medsch.ucla.edu/angel/default.asp
3. **Wisco JJ**, Metten S, Stark E. Osteology Anthology: Skull, Spine, Chest Wall, Upper Extremity, Lower Extremity, and Pelvis files. *UCLA Medical School Website*. 2008-09. http://www.medsch.ucla.edu/angel/default.asp
4. Metten S, **Wisco JJ**, Stark E. Peripheral Nervous System Anthology: Foundations in the Nervous System, Somatic Motor System, and Somatic Sensory System files. *UCLA Medical School Website*. 2008-09. http://www.medsch.ucla.edu/angel/default.asp
5. Metten S, **Wisco JJ**. Respiratory System Anthology: Upper Airway, Lower Airway and Chest Wall, and Neck with Upper Airway files. *UCLA Medical School Website*. 2008-09. http://www.medsch.ucla.edu/angel/default.asp

6. Metten S, **Wisco JJ**. Digestive System Anthology: Upper GI, Neck with Upper GI Tract, Lower GI, and Abdominal Walls files. *UCLA Medical School Website*. 2008-09. http://www.medsch.ucla.edu/angel/default.asp
7. Metten S, **Wisco JJ**. Reproductive System Anthology: Male Pelvis, Male Perineum, Inguinal Region and Scrotum, Female Pelvis, and Female Perineum files. *UCLA Medical School Website*. 2008-09. http://www.medsch.ucla.edu/angel/default.asp
8. **Wisco JJ.** Gross Anatomy Collections: Heart and Mediastinum. *UCLA Medical School Website*. 2010-2011. http://www.medsch.ucla.edu/angel/default.asp
9. **Wisco JJ.** Gross Anatomy Collections: Upper Airway. *UCLA Medical School Website*. 2010-2011. http://www.medsch.ucla.edu/angel/default.asp
10. **Wisco JJ.** Gross Anatomy Collections: Lower Airway and Chest Wall. *UCLA Medical School Website*. 2010-2011. http://www.medsch.ucla.edu/angel/default.asp
11. **Wisco JJ.** Gross Anatomy Collections: Male Pelvis. *UCLA Medical School Website*. 2010-2011. http://www.medsch.ucla.edu/angel/default.asp
12. **Wisco JJ.** Gross Anatomy Collections: Female Pelvis. *UCLA Medical School Website*. 2010-2011. http://www.medsch.ucla.edu/angel/default.asp
13. **Wisco JJ**, Payne S. The Extraocular Muscles. 2011. http://apps.medsch.ucla.edu/medyear1/Anatomy/extraocularMuscles/Index.htm.
14. **Wisco JJ.** Brain. In: *Morton D (Ed.), AnatomyOne. Amirsys*: Salt Lake City, UT, 2011.
15. **Wisco JJ.** Cerebrum. In: *Morton D (Ed.), AnatomyOne. Amirsys*: Salt Lake City, UT, 2011.
16. **Wisco JJ.** Ventral Rami: Lumbar Plexus. In: *Morton D (Ed.), AnatomyOne. Amirsys*: Salt Lake City, UT, 2011.
17. **Wisco JJ.** Ventral Rami: Sacral Plexus. In: *Morton D (Ed.), AnatomyOne. Amirsys*: Salt Lake City, UT, 2011.
18. **Wisco JJ.** CN I: Olfactory Nerve. In: *Morton D (Ed.), AnatomyOne. Amirsys*: Salt Lake City, UT, 2011.
19. **Wisco JJ.** CN II: Optic Nerve. In: *Morton D (Ed.), AnatomyOne. Amirsys*: Salt Lake City, UT, 2011.
20. **Wisco JJ.** CN IX: Glossopharyngeal Nerve. In: *Morton D (Ed.), AnatomyOne. Amirsys*: Salt Lake City, UT, 2011.
21. **Wisco JJ.** CN X: Vagus Nerve. In: *Morton D (Ed.), AnatomyOne. Amirsys*: Salt Lake City, UT, 2011.
22. **Wisco JJ.** CN XI: Spinal Accessory Nerve. In: *Morton D (Ed.), AnatomyOne. Amirsys*: Salt Lake City, UT, 2011.
23. **Wisco JJ.** CN XII: Hypoglossal Nerve. In: *Morton D (Ed.), AnatomyOne. Amirsys*: Salt Lake City, UT, 2011.
24. **Wisco JJ.** External and Middle Ear. In: *Morton D (Ed.), AnatomyOne. Amirsys*: Salt Lake City, UT, 2011.
25. **Wisco JJ.** Internal Ear. In: *Morton D (Ed.), AnatomyOne. Amirsys*: Salt Lake City, UT, 2011.
26. **Wisco JJ.** Breast. In: *Morton D (Ed.), AnatomyOne. Amirsys*: Salt Lake City, UT, 2011.
27. **Wisco JJ.** Innervation of Gut Tube. In: *Morton D (Ed.), AnatomyOne. Amirsys*: Salt Lake City, UT, 2011.
28. **Wisco JJ.** Lymphatic System. In: *Morton D (Ed.), AnatomyOne. Amirsys*: Salt Lake City, UT, 2011.

29. **Wisco JJ.** Lymphatics: Abdominal Viscera. In: *Morton D (Ed.), AnatomyOne. Amirsys*: Salt Lake City, UT, 2011.
30. **Wisco JJ.** Lymphatics: Perineum. In: *Morton D (Ed.), AnatomyOne. Amirsys*: Salt Lake City, UT, 2011.
31. **Wisco JJ.** Lymphatics: Pelvis. In: *Morton D (Ed.), AnatomyOne. Amirsys*: Salt Lake City, UT, 2011.
32. **Wisco JJ.** Lymphatics. In: *Morton D (Ed.), AnatomyOne. Amirsys*: Salt Lake City, UT, 2011.
33. **Wisco JJ.** Lymphatics: Limbs. In: *Morton D (Ed.), AnatomyOne. Amirsys*: Salt Lake City, UT, 2011.
34. **Wisco JJ.** Lymphatics: Thorax. In: *Morton D (Ed.), AnatomyOne. Amirsys*: Salt Lake City, UT, 2011.
35. **Wisco JJ.** Veins: Abdominal Caval Veins. In: *Morton D (Ed.), AnatomyOne. Amirsys*: Salt Lake City, UT, 2011.
36. **Wisco JJ.** Veins: Pelvis. In: *Morton D (Ed.), AnatomyOne. Amirsys*: Salt Lake City, UT, 2011.
37. **Wisco JJ.** Veins: Perineum. In: *Morton D (Ed.), AnatomyOne. Amirsys*: Salt Lake City, UT, 2011.
38. **Wisco JJ.** Anterior Triangle of the Neck. In: *Morton D (Ed.), AnatomyOne. Amirsys*: Salt Lake City, UT, 2011.
39. **Wisco JJ.** Posterior Triangle of the Neck. In: *Morton D (Ed.), AnatomyOne. Amirsys*: Salt Lake City, UT, 2011.
40. **Wisco JJ.** Root of the Neck. In: *Morton D (Ed.), AnatomyOne. Amirsys*: Salt Lake City, UT, 2011.
41. **Wisco JJ.** Superficial Face. In: *Morton D (Ed.), AnatomyOne. Amirsys*: Salt Lake City, UT, 2011.
42. **Wisco JJ.** Pelvic and Perineal Innervation. In: *Morton D (Ed.), AnatomyOne. Amirsys*: Salt Lake City, UT, 2011.
43. **Wisco JJ.** Hepatic Portal system. In: *Morton D (Ed.), AnatomyOne. Amirsys*: Salt Lake City, UT, 2011.

Web Publications and Videos:

1. BYU Physiology TA's YouTube Playlist https://www.youtube.com/channel/UCPe3bfqOVvWGAermIiuA0Rg
2. The Handy Anatomist, DigitalAnatomy YouTube Playlist https://www.youtube.com/channel/UC_MraF_NV0OknNt7KgztqGQ
3. The Handy Anatomist, TikTok Channel https://www.tiktok.com/@thehandyanatomist?lang=en

Editorials:

Case Reports, Critical Reviews, and Chapters

1. *Martin RM, Vyas NM*, Sedlmayr JC, **Wisco JJ**. Bilateral variation of subclavius muscle resembling subclavius posticus. *Surg Radiol Anat* 2008; 30:171-174. https://doi.org/10.1007/s00276-008-0303-z

2. Stark ME, *Wu B, Bluth B*, **Wisco JJ**. Bilateral Accessory Cleidohyoid in a Human Cadaver. *IJAV* 2009; 2:122-123.
3. *Bluth B, Wu B*, Stark ME, **Wisco JJ**. Variant of the extensor pollicis tertius: a case report on a unique extensor muscle to the thumb. *Anat Sci Int* 2010 https://doi.org/10.1007/s12565-010-0074-6
4. Stark ME, *Dell MM*, **Wisco JJ**. A rare case of a palmaris profundus. *IJAV* 2010; 3:36-38.
5. *Wu B, Bluth B*, Stark ME, **Wisco JJ**. The Cleidosternohyoid: A Fifth Infrahyoid Muscle? *IJAV* 2010; 3:183-185.
6. *Pannell WC*, **Wisco JJ**. A novel saphenous nerve plexus with important clinical correlations. *Clinical Anatomy* 2011; 24(8):994-996. https://doi.org/10.1002/ca.21226
7. *Kuvhenguhwa M, Kotter H*, **Wisco JJ**. Congenital bilateral absence of the flexor digitorum longus muscle. *Clin Anat* 2012 Nov;25(8):963-5. https://doi.org/10.1002/ca.22031
8. Harvey JA, Call Z, Peterson K, **Wisco JJ**. Weave Pattern of Accessory Heads to the Anterior Digastric Muscle. *Surg Radiol Anat* 2015 Oct;37(8):1001-4. https://doi.org/10.1007/s00276-014-1401-8
9. *Holley SL, Hill SL, Ottesen TD, Vance PK, Challyandra L, Katrikh AZ, Whiting DC*, Stark ME, Wisco JJ. Dissectional investigation: variations in morphology of the teres minor tendon and muscle-tendon junction. *Rheumatol Orthop Med,* 2020 https://doi.org/10.15761/ROM.1000170
10. *Lin D, Zuim Dantas De Souza R, Fefferman A, Baribeau V*, Bunch B, Zumwalt A, **Wisco JJ**. Unusual bilateral variation of the flexor digitorum accessorius longus and its relation on tarsal tunnel syndrome. *Surg Radiol Anat* 2021 Dec;43(12):2083-2086. https://doi.org/10.1007/s00276-021-02840-4
11. *Rathod S, Kolus R, Byungchan K, Gurnani S, Kim A, Kim E, Tan F, Van Roy I*, Whitney E, Macneil M, **Wisco JJ**. A case of an abnormally dilated and tortuous Arc of Buhler and pancreaticoduodenal arteries in the absence of celiac trunk stenosis. *Surg Radiol Anat* 2022; Sep doi: https://doi.org/10.1007/s00276-022-03018-2
12. Lin DC*, In A, Baribeau V,* **Wisco JJ**. Congenital Hand Malformations in an Anatomical Donor: A Potential Case of Brachydactyly Type B. *Eur J Anat* 2023; 27 (2): 213-218. https://doi.org/10.52083/AKEC4012
13. Kemp K, Rau K, **Wisco JJ**. How to utilize community partners to connect with the audience you intend to serve: Moving from outreach to engagement. PBP Wire – *The official Bi-Annual Newsletter of the Association of STEMM Pathway and Bridge Programs*. Volume 5. January 2024.
14. *Hannan P, Hansen C, Chatham J, Capen T, Soares B*, **Wisco JJ**, Lin DC. Duplicated and dilated ovarian vein with coexistence of persistent mesonephric artery. *Surg Radiol Anat* 2024; https://doi.org/10.1007/s00276-024-03461-3
15. Lewis B, **Wisco JJ.** MedWork: Building relationships through an innovative mentorship approach. PBP Wire – *The official Bi-Annual Newsletter of the Association of STEMM Pathway and Bridge Programs*. Volume 6. August 2024.
16. **Wisco JJ**, Restini, C, Vollbrecht, PJ, Weiler T, Porter-Stransky, KA, eds. Evidence-based outreach/service-learning to improve health-related self-efficacy through STEMM education. *Lausanne: Frontiers Media SA*. 2025 https://doi.org/10.3389/978-2-8325-6883-5
17. Null M, O'Quinn M, Shearer J, **Wisco JJ** & Lin D. Circumaortic left renal vein with an accessory retroaortic branch in a cadaver: A rare combination of type I and III variants. *Translational Research in Anatomy* 2025; **41**, 100447. https://doi.org/10.1016/j.tria.2025.100447

18. **Wisco JJ**, Organ JM. Opening the black box of psychometrics. Anat Sci Educ 2025; 18(8):747-748. https://doi.org/10.1002/ase.70091
19. Organ JM, **Wisco JJ**. Anatomists positioned to teach not just “any body” through public engagement, science communication, outreach, and service-learning. Anat Sci Educ 2025, 18: 1315-1316. https://doi.org/10.1002/ase.70159
20. Organ JM, **Wisco JJ**. Elevating qualitative research in health professions and sciences education. Anat Sci Educ 2026 https://doi.org/10.1002/ase.70191
21. **Wisco JJ**, Organ JM. Not your grandparents’ games… Game-based learning takes instructional methods to whole new level. Anat Sci Educ 2026 in press

Letters to the Editor

22. *Lin DC, Baribeau V,* **Wisco JJ**, Mitchell JD. Integrating a Cadaver Review Session into the Existing Regional Anesthesia Training for Anesthesiology Residents: An Initial Experience. *Med Sci Educ*. 2022 Apr 26;32(3):755. https://doi.org/10.1007/s40670-022-01561-6

Selected Media: Gallery Exhibits and Other Creative Works

23. **Wisco JJ**, Seferovich H. "Bodies Filled with Light.” Education in Zion Gallery, Brigham Young University. 2014 Nov. to 2016 Apr. https://educationinzion.byu.edu/bodies-filled-with-light

About the Exhibition

We each have a body created in the image of our Heavenly Father (Genesis 1:27; Moses 2:26–27; Abraham 4:26–27). The Prophet Joseph Smith taught that “the Father has a body of flesh and bones as tangible as man’s; the Son also” (D&C 130:22). These axioms have significant impact on our individual testimonies. As we understand and care for our own bodies, we catch a glimpse of our divine potential and relationship with the Godhead.

Bodies Filled with Light showcases images that exemplify the miracle of the human body. The illustrations and scriptures are arranged in three primary themes: the body of Christ, body structures, and body systems.

An intimate relationship exists between the human body and how that marvelous creation can participate in the doctrines of salvation; the temporal element overlaps with, and to some extent even serves, the spiritual.

The scriptures tell us that all things were created spiritually before they were created temporally (Moses 3:5). With a deeper understanding of the body, God’s children can better appreciate the physical ordinances of salvation. We hope that by viewing this exhibition you will develop a deeper understanding of the body as a structural miracle designed to hold and be commanded by our spirits.

Artist Jill Penkus created the illustrations that were originally commissioned by Carmine Clemente, who used them in the 30th ed. of *American Gray’s Anatomy* (Philadelphia: Lea & Febiger, 1985) and in subsequent textbooks. Clemente graciously gave these drawings to Jonathan J. Wisco as a parting gift from the David Geffen School of Medicine at UCLA. The reproductions displayed here, represent a small fraction of the total art collection and are enlarged and reproduced with permission.

24. Hilton A, Jorgensen A, Gardiner B, Robison S, Lambert HW, Morton DA, **Wisco JJ**. Visualization of cardiac plexus fiber branches using the Sihler's technique. Chiasm 2016; 8:11-17.
25. *Mason NL, Wang H,* Heldt B, *Long B*, *Nazaran A*, Gardiner B, Sanders L, Dorius G, Morton D, Bangerter NK, **Wisco JJ.** 3D Modeling of Laryngeal Structure via High-Resolution MRI Segmentation and Histological Analysis. NRLD Technical Memo 2016:10, www.nrld.org.
26. **Wisco JJ**. A primer on the respiratory tract anatomy of COVID-19 entry into the body. 3D4Medical (Elsevier) 2020. >12,000 views https://www.youtube.com/watch?v=5R_KpZBehLo
27. **Wisco JJ**, *Filimonov AK*, Gates A, Rivera E. Sexual Health and Medicine Access: A Roundtable Discussion. The Franklin Institute Presents: So Curious! 2022

    https://player.captivate.fm/episode/5c0d1461-0c8f-4a5f-b227-19ff13e2b70e

    About the Podcast

    In this episode, Kirstin and Bey are joined by associate professor of anatomy and neurobiology Dr. Jonathan Wisco and a few of his students. We will be hearing about what the next generation is focusing on in terms of providing equal care for people with different gender and sexual identities. Please note: This episode was recorded prior to the overturning of Roe v Wade.

    Links for this episode

    Learn more about Dr. Jonathan Wisco https://www.bumc.bu.edu/busm/profile/jonathan-wisco/

    Read episode transcript https://beyond.fi.edu/.../transcript-sexual-health.../

    #LGBTQIA #dei #education #medicine Boston University Chobanian & Avedisian School of Medicine

28. Schmidt E, Boles X, *Capen T*, **Wisco JJ**, Clancy D. *The Cadaver / The Body.* Collaborated in a group exhibition of multi-media artwork about the human body from participants across disciplines. Curated by artist Emma Schmidt. Gallery 5, Boston University School of Visual Arts. Boston, MA.

    Gallery Description

    "The Cadaver/The Body" is a curated exhibition that explores the boundaries of "figurative" work, from clinical illustrations to the varied materials and conceptual frameworks of the fine arts. The works in this show contend and reckon with the idea of "the body" being perceived as a subject, as an object, and sometimes as both. This reckoning encourages a conversation about how we, as humans, have the ability to view the body in vastly different ways under various contexts, including individual sentience, experience, and perception. Additionally, the show highlights the participating artists' ability to take perceived input stemming from a singular source of inspiration and synthesize it into cumulative, diverse works.

    This exhibition was initially born from my Undergraduate Research Opportunity Program (UROP) experience. I spent my summer studying and drawing in the BU Anatomy Lab and fully considering what it means to utilize and consider the human body as both subject and object under shifting lenses. I worked on my UROP under the mentorship and guidance of Dr. Jonathan Wisco, Tyler Capen, Xian Boles, and Dana Clancy.

Ultimately, the artists in this exhibition collectively invite viewers to consider and reckon with the relationship we hold towards the vessel that is our bodies: What is it in what we see that makes us who we are? That forms the perceived identity of those we observe?

29. †Lakis GA, †Onaifo A, Moore B, **Wisco JJ**. Strategies Spotlight: Digital Education. https://silverchair.cadmoremedia.com/Title/e2026f35-55d2-4be7-8df6-c6cca70bd4ff.

    This event brings together producers and end users of educational content to illuminate primary trends in digital education and learning, inclusive of: Micro/Nano Learning, Personalized and Adaptive Education, Collaborative Learning, and Immersive Learning. Using practical examples and applications, we'll explore: motivations driving the adoption of digital education, opportunities, impact, and outcomes of digital education and learning; challenges and gaps; and what's coming in the next 2-3 years.

30. Kemp K, Rau K, **Wisco JJ**. How to utilize community partners to connect with the audience you intend to serve: Moving from outreach to engagement. PBP Wire – The Official Bi-Annual Newsletter of the Association of STEMM Pathway and Bridge Programs 2004 Jan 2024; 5:5-6. https://www.canva.com/design/DAF3WezjIoQ/iFewGNzvKpB0v8pC7HtnRA/view?utm_content=DAF3WezjIoQ&utm_campaign=designshare&utm_medium=link&utm_source=editor#1
31. Chowns L, Tinkelman E, Weinand M, **Wisco JJ**. Personalized Education: How to breathe new life (and grow revenue) with "smart" content. Society for Scholarly Publishing Webinar: Personalized Education. https://customer.sspnet.org/ssp/EventDisplayNPGF.aspx?EventKey=WEB240626

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