

**William G. Pearson, Jr., PhD**  
**Curriculum Vitae**

**Current Academic Institution:**

Associate Professor  
Edward Via College of Osteopathic Medicine  
Auburn Campus  
Auburn, AL  
[wpearson01@auburn.vcom.edu](mailto:wpearson01@auburn.vcom.edu)

**EDUCATION:**

<b>PhD</b>	Department of Anatomy and Neurobiology Boston University School of Medicine Thesis: <i>A Two-Sling Mechanism of Hyolaryngeal Elevation in the Pharyngeal Phase of Swallowing</i> Advisor: Ann C. Zumwalt, Ph.D. Certificate in Teaching in the Biomedical Sciences	2012
<b>BS</b>	Microbiology with General Honors University of Georgia	1986

**ACADEMIC APPOINTMENTS***Via College of Osteopathic Medicine, Auburn Campus (VCOM Auburn)*

2021- Associate Professor, Department of Biomedical Sciences, Discipline of Anatomy

*Harvard University*

2020-2021 Associate Scholar, Human Flourishing Program at Harvard's Institute for Quantitative Social Science

2019-2020 Visiting Scholar, Human Flourishing Program at Harvard's Institute for Quantitative Social Science

*Medical College of Georgia*

2017-2019 Associate Professor, Cellular Biology & Anatomy, Medical College of Georgia, Augusta University

2017-2019 Associate Professor, Otolaryngology, Medical College of Georgia, Augusta University

2012-2017 Asst. Professor, Cellular Biology & Anatomy, Medical College of Georgia, Augusta University

2012-2017 Asst. Professor, Otolaryngology, Medical College of Georgia, Augusta University

*Medical University of South Carolina*

2013-2019 Adjunct Research Professor, Otolaryngology Head and Neck Surgery, Medical University of South Carolina

**ADMINISTRATIVE APPOINTMENTS AND RESPONSIBILITIES***VCOM – Auburn*

July 2022- Discipline Chair of Anatomical Sciences

*Augusta University, Medical College of Georgia*

2017-2019 Director, Learning Community Pilot, Medical College of Georgia

2014-2016 Basic Science Faculty Lead for the Liaison Committee on Medical Education (LCME) accreditation site visit

2014-2019 Director, Phase 1 Head and Neck, Special Senses Module (MEDI 5169)

2014-2019 Director, Phase 1 Radiology Labs

2013-2018 Co-Director, Phase 1 Neuroscience Component Director 2

2013-2018 Director, Phase 1 Neuroanatomy Laboratory

2015-2019 Director, Neuroanatomy Course for Pre-matriculation Diversity Pipeline Progra

2012-2016 Director, Clinical Anatomy and Teaching Skills Elective (ANAT 5005)

2014-2019 Co-advisor, MCG Academic House System

*Augusta University, College of Graduate Studies*

2014-2018 Director of Neuroanatomy for Medical Illustrators (ANAT 7040)

**MAJOR TEACHING RESPONSIBILITIES****Courses***VCOM Auburn*

2022 Block 4 Cardiopulmonary Anatomy Course Lecturer and Laboratory Instructor

Block 3 Neuroscience Course Lecturer and Laboratory Instructor

2021 Block 2 Musculoskeletal System Anatomy Lecturer and Laboratory Instructor

*Augusta University, Medical College of Georgia:*

2018-2019 Medicine Worth Practicing Elective Course Director and Lecturer

2014-2019 Art of Doctoring Course Lecturer

2012-2018 Tissues/Musculoskeletal (MEDI 5155) Lecturer and Laboratory Instructor

2012-2018	Cardiopulmonary (MEDI 5158) Laboratory Instructor
2016-2019	Gastrointestinal System and Nutrition (MEDI 5163) Lecturer and Laboratory Instructor
2012-2015	Gastrointestinal and Urinary Systems Module (MEDI 5162) Lecturer and Laboratory Instructor
2016-2019	Genitourinary System Module (MEDI 5159) Lecturer and Laboratory Instructor
2012-2015	Endocrine and Reproductive Systems (MEDI 5164) Lecturer and Laboratory Instr
2012-2014	Nervous System and Special Senses (MEDI 5166) Lecturer and Laboratory Instruc
2015-2019	Head and Neck and Special Senses (MEDI 5166) Lecturer and Laboratory Instruct
2015-2019	Medical Neuroscience and Behavioral Health (MEDI 5174) Lecturer and Laboratory Instructor
2015-2019	Pre-matriculation Neuroanatomy Course Lecturer and Laboratory Instructor

*Augusta University, College of Graduate Studies:*

2012-2019	Medical Illustration Gross Anatomy Course Laboratory Instructor
2015-2018	Medical Illustration Neuroanatomy Course Lecturer and Laboratory Instructor

**Mentoring** (medical students unless otherwise noted)

2019	Jordana Barad, Topic: Professional identity formation assessment tool
	Rachel Vaizer and Sanah Aslam, Topic: Social Imaginaries expressed in reflective writing on a community engagement
	Natalie Seman, MCG student, Topic: Facilitating Neuroanatomy Learning for Pre-Matriculation Students
2018	John Braucher, MCG Student, Medicine Worth Practicing course, Topic: Self-reflections for student well-being. Posters at IAMSE and LCI
	Cole Phillips, MCG, Student, Medicine Worth Practicing course, Topic: Wellness intervention for Phase 3 students. Posters at IAMSE and LCI
	Nelson May, MCG student, presentation at Dysphagia Research Society, Topic: Swallowing mechanics underlying UES pressure wave suggest pharyngeal chamber formation
	Elise Dakaud, MCG student, Topic: Facilitating Neuroanatomy Learning for Pre-Matriculation Students
2017	Nelson May, MCG Student, 4 <sup>th</sup> Year Research Elective, Topic: Swallowing Mechanics Underlying High Resolution Manometry
	Pouri Hosseini, MCG Student, Medical Scholars Program, Topic: Modularity of Covariant Pharyngeal Swallowing Mechanics

Shez Tadavarthi, MCG Student, Medical Scholars Program, Topic: Dysphagia Etiologies Differentiate by Pharyngeal Swallowing Mechanics

Ana Anazco MCG student, Topic: Facilitating Neuroanatomy Learning for Pre-Matriculation Students

2016

Hutton Brandon, MCG Student, Medical Scholars Program, Topic: Dynamic 3D Modeling of Mechanical Efficacy Resulting from of Respiratory Swallowing Phase Training

Ryan Schwartzner, MCG Student, Medical Scholars Program, Topic: Computational Analysis of Swallowing Impairment in ALS patients

Duncan Dorris, Entering Medical Student, University of North Carolina, Topic: Sources of Variance in Computational Analysis of Swallowing Mechanics

Mark Ellis, MCG Student, Clinical Research, Topic: Patient Specific CASM Case Study of UPPP patients

Adam Jenks, MCG Student, Topic: Evaluating Muscles Underlying Tongue Base Retraction During Swallowing Using Ultrasound

Chijioke Ohamadike, MCG Student, Topic: Reliability of a Coordinate Mapping Method for Pediatric MBS Imaging

Benjamin Wilson, MCG Student, Topic: The Impact of Respiratory-Swallow Phase Cycle on Swallowing Mechanics in COPD Patients

Martin Halicek, MCG Student, Topic: Developing an Excel Macro as a Self-Study Tool to Focus Need Based Learning

Megan Lameka, MCG Student, Topic: Problem Sets Allow for Multiple Competency Acquisition in First Year Neuroscience Course (Co-mentor with Anna Edmondson)

Kishore Vedala, MCG Student, Topic: Facilitating Neuroscience Learning Through Near-Peer Led Reviews

Evodie Versulien MCG student, Topic: Facilitating Neuroanatomy Learning for Pre-Matriculation Students

2015

Rob Gassert, MCG Student, Medical Scholars Program, Topic: Evaluating Muscles Underlying Tongue Base Retraction in Deglutition Using Muscular Functional Magnetic Resonance Imaging (mfMRI)

Tu Ahn Tran, MCG Student, Medical Scholars Program, Topic: Improvements from Post Respiratory-Swallow Phase Training Visualized in Patient Specific Computational Analysis of Swallowing Mechanics

Nelson May, MCG Student, Summer Research, Topic: Computational analysis of swallowing mechanics in dysphagia secondary to hemispheric stroke

Chris Rowley, MCG Student, Anatomy Research Elective, Topic: Swallowing Mechanics Associated with Artificial Airways, Bolus Properties, and Penetration-Aspiration Status in Trauma Patients

Michelle Cohen, MCG Student, Topic: Developing a strategy for using Phase 2 students to evaluate Phase 1 MCQ submissions

Alex Gillmore, MCG student, Topic: Facilitating Neuroanatomy Learning for Pre-Matriculation Students

2014

Kerrie Grunnet, MCG student, Medical Scholars Program, Topic: A Coordinate Mapping Methodology for Pediatric Modified Barium Swallow Studies

Steven Kent, MCG student, Medical Scholars Program, Topic: Morphometric Analysis of Swallowing in Oropharyngeal Cancer Patients with Dysphagia

John Perry, MCG student, Medical Scholars Program, Topic: Mapping Skeletal Landmarks for a Low-Fidelity 3D Model of Swallowing

Viviam Trejo, MCG Student, Summer Research, Topic: Reliability of Mapping Biomechanics for 3D Model of Swallowing

Chris Rowley, MCG Student, Summer Research, Topic: Comparing Pharyngeal Constriction Ratio to Swallowing Mechanics in Polytraumatized Warriors

Kevin Heard, MCG Student, Summer Research, Topic: Swallowing Mechanics Associated with Aspiration Among Polytraumatized Warriors

Ralph Bafoe, MCG Student, Summer Research, Topic: Coordinates for Inverse Modeling of the Pharynx

Mark Ellis, MCG student, Clinical Research, Topic: Vector analysis of cricoid traction strategies to improve swallowing

Michelle Cohen, MCG Student, Topic: Development of Problem Sets as a Strategy for Self-Directed Neuroscience Learning

Joshua Elder, MCG student, Topic: Developing review videos for neuroanatomy learning

2013

Sonya Rice, MCG student, Medical Scholars Program, Topic: Morphometric analysis of swallowing structures of post treatment head and neck cancer patients using MBS imaging

Cody Hightower, MCG student, Medical Scholars Program, Topic: Swallowing Impairment in Poly Traumatized Warriors

Zach Thompson, MCG Student, Summer Research, Topic: Training and Reliability of Coordinate Mapping of Hyolaryngeal Mechanics

Chris Johnson, MCG Student, Summer Research, Topic: Structural Changes associated with Oropharyngeal Cancer Patients

Farres Oberlin, MCG Student, Summer Research Student, Topic: Excel Macro for Kinematic Analysis of Swallowing

Matt Tuck, MCG Student, Summer Research Student, Topic: Swallowing Database for Coordinate Mapping

Kyle Taylor, MCG Student, Summer Research Student, Topic: Functional anatomy of Epiglottic Inversion

2014-2018 Medical Illustration Student Master's Thesis Projects

Content advisor, Talia Riley, Illustrating a neuroanatomy lab guide for Phase 1 medical students

Content advisor, Lauren Halligan, Animated learning module of brainstem anatomy and vascularization relevant to bulbar stroke

Content advisor, Elizabeth Nixon, Animated learning module of the motor systems of the CNS

**Educational Strategy or Resource Development**

2021-22 Speed Reviews, a student led peer facilitated laboratory exam review

2020-21 Gospel Anthropology, an online spiritual formation course for people of faith in Biomedical Science and Healthcare, Boston Healthcare Fellowship, Boston, MA.

2020 Co-authored an online curriculum for spiritual care training for community engaged leaders, Park Street Church, Boston, MA

2017-19 Computational Analysis of Swallowing Mechanics (CASM) Training Course

2017-19 Designed human flourishing curriculum for an expanded Learning Community pilot among preclinical medical students

2015-2019 Developed a strategy and curriculum for radiology learning integrated into phase 1 medical gross anatomy and neuroanatomy lab experience

2015- 2019 Authored and produced a new digital neuroanatomy laboratory guide in partnership with medical illustration students and faculty.

2015-2019 Developed "Problem Sets" as self-directed learning strategy for Phase 1 neuroscience curriculum.

2015-2019 Developed a phase 1 content review and phase 2 board review experience with Jeopardy reviews of student MCQs led by second year medical students

2013 Inguinal Canal Paper Model: A simple tool explaining complicated anatomy

2010-2011 Developed web-based clinical anatomy case studies as educational modules written by fourth year medical students

**Relevant Teaching Experiences prior to Augusta University**

- 2007-2011 Laboratory instructor and lecturer, Medical Gross Anatomy, Boston University School of Medicine
- 2008-2011 Course coordinator, "Teaching in Anatomy" elective for fourth year medical students, Boston University School of Medicine
- 2010-2012 Lecturer, Advanced Dysphagia Course, Sargent College, Boston University
- 2010-2012 Mentoring Students in Research
- Keri Vasquez, PhD student, Topic: Effortful pitch glide: an exercise for potential swallowing rehabilitation evaluated by dynamic MRI
- Natalie Witek, Medical Student, Topic: Assessment of Peer Teaching Model in Yemen
- Carolee Estelle, Medical Student, Topic: International Collaboration to Develop Medical English Proficiency and Introduce Problem Based Learning into a Yemeni Medical School: A Case Study
- Mason Schmutz, Medical Student, Topic: Longitudinal changes in professionalism attitudes of medical students
- Lou Yu, Medical Student, Topic: Structural Analysis of Muscles Elevating the Hyolaryngeal Complex
- Paul Yi, Medical Student, Topic: Architecture of suprahyoid muscles
- Alisa Davidoff, SLP student, Topic: Reliability of coordinate mapping of hyolaryngeal mechanics of swallowing
- Dorothy Adams, BU SLP student, Topic: Novel temporal measurements using videofluoroscopy
- Zachary Smith, BU SLP student, Topic: Normalized Residue Ratio Scale
- 2007, 2010 Course Director and Instructor, Health Education Through English Conversation Course, Taiz University School of Medicine, Taiz, Yemen
- 1997-2007 Laboratory Instructor, Medical Gross Anatomy, Harvard Medical School

**RESEARCH/SCHOLARSHIP****Peer Reviewed Research Articles**

<https://scholar.google.com/citations?user=8zfzZ0wAAAAJ&hl=en>

- In Prep Pearson WG, Tucker J, Lee M. Human flourishing and medical education.
- Submitted Krekeler BN, Davidson KH, Kantargicil C, Pearson WG, Blair J, Martin-Harris B. Pharyngeal Swallowing Biomechanics underlying Modified Barium Swallowing

Impairment Profile (MBSImP) scoring using Computational Analysis of Swallowing Mechanics (CASM)

- Submitted Barad J, Tucker J, Pearson WG. Clinical Shadowing Experience PIF Rubric. Clinical Teacher
- Submitted Garand KL, Beall J, Hill EG, Davidson KH, Blair J, Pearson WG, Martin-Harris B. Aging effects on oropharyngeal swallowing observed during modified barium swallow studies: a large cross-sectional study
- 2021 Tadavarthi Y, Hosseini P, Reyes SE, Garand KL, Pisegna JM, Pearson Jr WG. Pilot study of quantitative methods for differentiating pharyngeal swallowing mechanics by dysphagia etiology. *Dysphagia*. 2021 Apr;36(2):231.
- 2020 Vaizer R, Aslam S, Pearson WG Jr, Rockich-Winston N. What does it mean to be a physician? Exploring social imaginaries of first-year medical students. *Int J Med Educ*. 11:76-80.
- 2020 May N, Humphries K, Pearson WG, O'Rourke A. Pharyngeal swallowing mechanics associated with upper esophageal sphincter pressure wave. *Head and Neck*. 42(3):467-475
- 2019 Dietsch, AM, Westemeyer RM, Pearson Jr, WG, and Schultz, DH. Genetic Taster Status as a Mediator of Neural Activity and Swallowing Mechanics in Healthy Adults. *Frontiers in Neuroscience*. 13:e01328.
- 2019 Lulich, SM and Pearson Jr, WG. Three-/Four-Dimensional Ultrasound Technology in Speech Research. *American Speech-Language-Hearing Association*. 4:4, 733-747.
- 2019 Linell CM, Pearson WG, Molfenter SM. Variations in Healthy Swallowing Mechanics During Various Bolus Conditions Using Computational Analysis of Swallowing Mechanics (CASM). *Dysphagia*, 1-9.
- 2019 Dietsch, AM, Dorris, HD, Pearson Jr, WG, Dietrich-Burns, KE, & Solomon, NP Taste Manipulation and Swallowing Mechanics in Trauma-Related Sensory-Based Dysphagia. *Journal of Speech, Language, and Hearing Research*. 62(8), 2703-2712.
- 2019 Pearson Jr, WG, Griffeth, JV, & Ennis, AM. Functional Anatomy Underlying Pharyngeal Swallowing Mechanics and Swallowing Performance Goals. *Perspectives of the ASHA Special Interest Groups*. 4(4): 648-655
- 2019 Hosseini P, Tadavarthi Y, Martin-Harris B, Pearson WG: Functional Modules of Pharyngeal Swallowing Mechanics. *Laryngoscope Investigative Otolaryngology*. 4(3): 341-346.
- 2019 Anderson P, Fels S, Stavness I, Pearson WG, Jr., Gick B: Intravelar and Extravelar Portions of Soft Palate Muscles in Velic Constrictions: A Three-Dimensional Modeling Study. *J Speech Lang Hear Res*. 62: 802-814.



- 2018 Wilmskoetter J, Martin-Harris B, Pearson Jr WG, Bonilha L, Elm JJ, Horn J, Bonilha HS. Differences in swallow physiology in patients with left and right hemispheric strokes. *Physiology & Behavior*. 194:144-152.
- 2018 Ellis MA, Pate MB, Dorris HD, Pearson WG, Brown JJ. Computational analysis of swallowing mechanics after surgery for obstructive sleep apnea. *Ear Nose Throat J*. 97:122-127
- 2018 Garand KL, Schwertner R, Chen A, Pearson WG. Computational Analysis of Pharyngeal Swallowing Mechanics in Patients with Motor Neuron Disease: A Pilot Investigation. *Dysphagia*. 33(2):243-250.
- 2018 Tran TT, Martin Harris B, Pearson Jr WG. Improvements resulting from respiratory-swallow phase training visualized in patient-specific computational analysis of swallowing mechanics. *Computer Methods in Biomechanics and Biomedical Engineering: Imaging & Visualization*. 6(5):532-538.
- 2017 Dietsch AM, Rowley CB, Solomon NP, Pearson WG. Swallowing mechanics associated with artificial airways, bolus properties, and penetration–Aspiration status in trauma patients. *Journal of Speech, Language, and Hearing Research*. 60(9):2442-2451.
- 2017 May NH, Pisegna JM, Marchina S, Langmore SE, Kumar S, Pearson Jr WG. Pharyngeal swallowing mechanics secondary to hemispheric stroke. *Journal of Stroke and Cerebrovascular Diseases*. 26(5):952-961.
- 2016 Schwertner RW, Garand KL, Pearson WG. A Novel Imaging Analysis Method for Capturing Pharyngeal Constriction During Swallowing. *Journal of Imaging Science*. 1(1):1-6
- 2016 Pisegna JM, Kaneoka A, Pearson WG, Kumar S, Langmore SE. Effects of Non-Invasive Brain Stimulation on Post-Stroke Dysphagia: A Systematic Review and Meta-Analysis of Randomized Controlled Trials. *Clinical Neurophysiology*. 127:956-968.
- 2016 Pearson WG, Davidoff AA, Smith Z, Adams D, Langmore SE. Swallowing Mechanics of Post-Treatment Head and Neck Cancer Patients: A Retrospective Videofluoroscopic Study. *World Journal of Radiology*. 8(2): 192–199
- 2016 Gassert RB and Pearson WG. Evaluating Muscles Underlying Tongue Base Retraction in Deglutition Using Muscular Functional Magnetic Resonance Imaging (mfMRI). *Magnetic Resonance Imaging*. 34(2): 204-208.
- 2016 Pearson WG, Taylor K, Blair J, Martin-Harris B. Morphometric analysis of swallowing mechanics underlying epiglottic inversion. *The Laryngoscope*. 126(8):1854-1858.
- 2015 Krisciunas GP, Golan H, Marinko LN, Pearson W, Jalisi S, Langmore SE. A novel manual therapy program during radiation therapy for head and neck cancer—our clinical experience with 5 patients. *Clin Otolaryngol*. 41(4):425-431.
- 2015 Natarajan R, Stavness I, Pearson WG. Semi-Automatic Tracking of Hyolaryngeal Coordinates in Swallowing Videofluoroscopy. *Computer Methods in Biomechanics and Biomedical Engineering: Imaging & Visualization*. 5(6): 379-389.

- 2014 Vasquez-Miloro K, Langmore SE, Pearson WG. Effortful Pitch Glide: A Potential New Exercise Evaluated by Dynamic MRI. *Journal of Speech, Language, and Hearing Research*. 57:1243-1250.
- 2014 Thompson ZT, Obeidin F, Davidoff AA, Hightower CL, Johnson CZ, Rice SL, Sokolove RL, Taylor BK, Tuck JM, Pearson WG. "Coordinate Mapping of Hyolaryngeal Mechanics in Swallowing." *Journal of Visualized Experiments: Clinical and Translational Medicine*. (87): e51476, doi:10.3791/51476 .
- 2014 Pearson WG and Zumwalt AC. 2014. "Visualizing Hyolaryngeal Mechanics in Swallowing Using Dynamic MRI." *Computer Methods in Biomechanics and Biomedical Engineering: Imaging & Visualization*. 2:208-216.
- 2013 Pearson Jr WG, Hindson DF, Langmore SE, Zumwalt AC. Evaluating Swallowing Muscles Essential for Hyolaryngeal Elevation by Using Muscle Functional Magnetic Resonance Imaging. *International Journal of Radiation Oncology\* Biology\* Physics*. 85: 735-740.
- 2013 Pearson WG, Molfenter S, Smith Z, Steele C. 2013. Image-based measurement of post-swallow residue: The Normalized Residue Ratio Scale. *Dysphagia*. 128: 167-177.
- 2012 Pearson WG, Langmore SE, Yu, LB, Zumwalt AC. Structural Analysis of Muscles Elevating the Hyolaryngeal Complex. *Dysphagia*. 27(4):445-451.
- 2011 Pearson WG, Langmore SE, Zumwalt AC. Evaluating the Structural Properties of Suprahyoid Muscles and their Potential for Moving the Hyoid. *Dysphagia*. 26:345-351.
- 2010 Pearson WG, Hoagland TM. Measuring change in professionalism attitudes during the gross anatomy course. *Anatomical Sciences Education*. 3:12-16.
- 2010 Pearson W, Hutchinson C, Noordzij JP. Accessing the vocal folds by transcutaneous injection. *Clinical Anatomy*. 23:270-276.

### Textbook Chapters

- 2019 Pearson Jr WG, Gosa MM. Ch 2. Anatomy of Swallowing. *Assessing and Treating Dysphagia: A Lifespan Perspective*. Thieme.
- 2019 Pearson Jr WG, Gosa MM. 3 Physiology of Swallowing. *Assessing and Treating Dysphagia: A Lifespan Perspective*. Thieme.

### Invited Articles

- 2021 Testing in Developing Gospel-Centered Community. *Holos Anthropos*. 16 Nov 2021 Blog. [carofthewholeperson.org](http://carofthewholeperson.org)

### Refereed Abstracts

(\*Presenting author platform \*\* Presenting author poster)

- 2021 Mitchell S, Arkenberg RH, Venkatraman, Pearson WG, Malandraki GA. Separate and Shared Underlying Morphometry of Swallowing and Maximum Vocal Pitch Elevation in Healthy Adults: A Secondary Analysis. 2<sup>nd</sup> World Dysphagia Summit, Nagoya, Japan, August 2021
- 2019 Daggett SM, Cullins MJ, Kletzien H, Hanson KC, Pearson WG, Pulia NR. Swallowing Biomechanical Analysis Following Lingual Strengthening Therapy in Patients with Post-Stroke Dysphagia. Dysphagia Research Society, San Diego, CA, March 2019
- 2019 Pisegna J, Jijakli A, Ramirez E, Pearson WG. Underlying MBS Swallowing Mechanics of FEES Variables. Dysphagia Research Society, San Diego, CA, March 2019
- 2018\*\*Pearson WG, Tucker J, Nichols CA, Philips JC, Braucher JL, Carson TY, Page RT. A Learning Community Pilot for Student Thriving. Annual Meeting of the Learning Community Institute, New York, NY, September 2018
- 2018\*\*Pearson WG, Nichols CA, Philips JC, Braucher JL, Carson TY, Page RT. Learning Community Pilot Study: A Cocktail for Student Thriving. International Association of Medical Educators Annual Meeting, Las Vegas, NV, June 2018
- 2018 Dietsch AM & Pearson WG. Accounting for taste: the relationships between taste profile, genetic taster status, and swallowing biomechanics. Dysphagia Research Society, Baltimore, MD, March 2018
- 2018 May N, Humphries K, Pearson WG, O'Rourke A. Swallowing mechanics underlying UES pressure wave suggest pharyngeal chamber formation. Dysphagia Research Society, Baltimore, MD, March 2018
- 2017 Garand K, Schwertner R, Chen A, Pearson WG. Patient-Specific Computational Analysis of Pharyngeal Swallowing Mechanics in pALS: A Longitudinal Case Series Investigation. 17th Annual NEALS Meeting, Clearwater, FL, October 2016
- 2017 Pisegna J, Langmore SE, Pearson WG, Kumar S. Laryngeal elevation and pharyngeal shortening in left and right hemispheric stroke. European Society of Swallowing Disorders, Barcelona, September 2017
- 2017\* Pearson WG, Figueroa R, Melenevsky Y, Estes L, Nichols C. Addressing Multiple Physician Competencies Through Imaging Anatomy. International Association of Medical Educators Annual Meeting, Burlington, VT, June 2017
- 2017\* Pearson WG. Reconciling the Hand of Benediction Controversy. Conference on Medicine and Religion, Houston TX, March 2017
- 2017 Wilmskoetter J, Bonilha L, Martin-Harris B, Pearson WG, Bonilha HS. The Relationship of Deep White Matter Lesions and Swallowing Impairment after Stroke: Three Case Reports. Dysphagia Research Society, Portland, OR, March 2017

- 2016 Dietsch AM, Pearson WG, Solomon NP. Swallowing Shape Changes: How Do Bolus Properties Affect Swallowing Mechanics? American Speech-Language-Hearing Association Annual Convention, Philadelphia, PA ,Nov 2016
- 2016 Pesigna J, Pearson WG, O'Dea M, McNally E, Scheel R, Langmore SE. Quantifying Vallecular Residue on FEES and MBS Videos. European Society for Swallowing Disorders, Milan, Italy, October 2016
- 2016 Garand KL, Schwertner R, Chen I-A, Pearson WG. Computational analysis of swallowing mechanics in patients with ALS. 15th Annual NEALS Meeting, Clearwater, FL, October 2016
- 2016\* Brandon H, Stavness I, Anderson P, Pearson WG. Modeling Swallowing Mechanics Resulting from Respiratory-Swallow Phase Training. 4<sup>th</sup> International Workshop on Biomechanical and Parametric Modeling of Human Anatomy. Vancouver, CA, August 2016
- 2016 Lameka M, Pearson WG, Edmondson A. Problem Sets Allow for Multiple Competency Acquisition in First Year Neuroscience Course. American Association of Anatomists, San Diego, CA, April 2016
- 2016\* Pearson WG, Dorris HD, Tran TT, Blair J, Martin-Harris B. Swallowing mechanics underlying respiratory-swallow training differ by subject. Dysphagia Research Society, Tucson, AZ, Feb 2016
- 2016 Dietsch AM, Dorris HD, Pearson WG, Dietrich-Burns KE, Solomon NP. Effects of taste manipulation on swallow function in sensory-based dysphagia. Dysphagia Research Society, Tucson, AZ, Feb 2016
- 2016 Garand KF, Armeson K, Hill EG, Blari J, Pearson WG, Martin-Harris B, Quantifying Oropharyngeal Swallowing Impairment in Response to Bolus Viscosity. Dysphagia Research Society, Tucson, AZ, Feb 2016
- 2015 Focht K, Hill E, Pearson WG, Amella E, Martin-Harris B. Quantifying Normal Swallow Physiology Across the Adult Lifespan. American Speech-Language-Hearing Association Annual Convention, Denver, CO, Nov 2015
- 2015\* Pearson WG, Tran TT, Martin-Harris B. Patient Specific Modeling of Swallowing Response to Respiratory Training. 3<sup>rd</sup> International Workshop on Biomechanical and Parametric Modeling of Human Anatomy, Montreal, CA. August 2015
- 2015 Mark Ellis, Stephanie Reyes, Chris Johnson, Greg Postma, William Pearson. Vector analysis of cricoid cartilage traction strategies to improve swallowing. American Boncho-Esophageal Association, Boston, MA, April 2015
- 2015\* Pearson WG, Blair J, Martin-Harris B. Swallowing mechanics associated with swallowing impairment. Dysphagia Research Society, Chicago, IL, March 2015
- 2015 Focht KL, Hill EG, Pearson W, Amella E, Martin-Harris B. Aging effects on oropharyngeal swallowing: a pilot study. Dysphagia Research Society, Chicago, IL, March 2015

- 2015 Pisegna JM, Kaneoka A, Pearson WG, Kumar S, Langmore SE. Effects of Non-Invasive Brain Stimulation on Post-Stroke Dysphagia: A Systematic Review and Meta-Analysis of Randomized Controlled Trials. Dysphagia Research Society, Chicago, IL, March 2015
- 2015 Pisegna J, Langmore SE, Kumar S, Pearson WG. Morphometric Analysis of the Swallowing Mechanism Defines Differences in Post-Stroke Aspirators. Dysphagia Research Society, Chicago IL, March 2015.
- 2015 Dietsch AM, Pearson WG, Heard LK, Rowley CB, Dietrich-Burns KE, Solomon NP. Swallowing mechanics associated with penetration-aspiration in trauma patients. Dysphagia Research Society, Chicago IL, March 2015.
- 2015 Natarajan R, Stavness I, Pearson WG. A semi-automated tool for patient specific multivariate analysis of swallowing mechanics. Dysphagia Research Society, Chicago IL, March 2015
- 2015 Solomon NP, Dietrich-Burns KE, Dietsch AM, Styrmisdottir EL, Armao CS, Pearson WG Using bioinformatics to examine dysphagia after polytrauma in a military population. Dysphagia Research Society, Chicago IL, March 2015
- 2014 AK Ho, MA Nicosia, A Dietsch, W Pearson, J Rieger, N Solomon, M Stone, Y Inamoto, E Saitoh, S Green, and S Fels. 3D Dynamic Visualization of Swallowing from Multi-Slice Computed Tomography. ACM SIGGRAPH 2014 Posters, p. 103. ACM, 2014.
- 2014\* Pearson WG, Stavness Ian, Perry W, Baffoe R, Trejo V, B Martin-Harris. Parameterizing a patient specific lo-fidelity model of swallowing and swallowing impairment. 2<sup>nd</sup> International Workshop on Biomechanical and Parametric Modeling of Human Anatomy, Vancouver, CA, August 2014.
- 2014 Natarajan R, Stavness I, Pearson WG. A semi-automated tool for patient specific multivariate analysis of swallowing mechanics. 2<sup>nd</sup> International Workshop on Biomechanical and Parametric Modeling of Human Anatomy, Vancouver, CA, August 2014
- 2014 NP Solomon, AM Dietsch, KE Dietrich-Burns, EL Styrmisdottir, C Armao, WG Pearson, SS Fels, GT Grant. Bioinformatics and Computer Modeling to Facilitate Management of Swallowing Disorders in Wounded Warriors. Military Health System Research Symposium, Ft. Lauderdale, FL, August 2014
- 2014 Rice SL, Blair J, Johnson CZ, Martin-Harris B, Pearson WG, Morphometric analysis of swallowing structures of post treatment head and neck cancer patients using MBS imaging. 5<sup>th</sup> World Congress of the International Federation of Head and Neck Oncological Societies, New York NY, July 2014
- 2014\* Pearson WG, Taylor BK, Blair J, Martin-Harris B. The Functional Anatomy Underlying Epiglottic Inversion. American Association of Clinical Anatomists, Orlando, FL, July 2014
- 2014 Pate, MB, Ellis, M, Reyes, S, Pearson WG, Brown, JJ. Morphometric analysis of swallowing mechanics after surgery for Obstructive Sleep Apnea (OSA). American Association of Otolaryngology. Otolaryngol Head Neck Surg September 2014 vol. 151 no. 1 suppl P261.
- 2014 Obeidin F, Pearson WG. A macro-enabled excel workbook for MBS measurements using ImageJ. Dysphagia Research Society, Nashville, TN, March 2014

- 2014 Thompson TZ, Focht KL, Martin-Harris B, Pearson WG. Morphometric analysis of hyolaryngeal mechanics. Dysphagia Research Society, Nashville, TN, March 2014
- 2014 Blair J, Johnson CZ, Rice SL, Martin-Harris B, Pearson WG, *Morphometric Analysis of Swallowing Structures Using MBS Imaging*. Multidisciplinary Head and Neck Cancer Symposium, Scottsdale, AZ, Feb 2014
- 2013\* Pearson WG, Zumwalt AC. Evaluating shape changes generated by a two-sling mechanism of hyolaryngeal elevation in swallowing using dynamic MRI. Dysphagia Research Society, Seattle, WA, March 2013
- 2013\* Pearson WG, Davidoff AA, Langmore SE. An Anatomical Landmark Coordinates Approach for Analyzing Hyolaryngeal Movement as Visualized in Videofluoroscopic Swallowing Studies. 1<sup>st</sup> International Workshop on Biomechanical and Parametric Modeling of Human Anatomy, Vancouver, CA, Jan 2013
- 2012 Vasquez Miloro, K, Pearson, WG , Langmore, SE. Effortful Pitch Glide: New exercise that may improve the swallow. American Speech-Language-Hearing Association Annual Convention, Atlanta, GA, Nov 2012
- 2012 Ravichandiran M, Davies J, Pearson W, Agur, A. Architecture and functional characteristics of the supra- and infrahyoid muscles: a three-dimensional modeling study. American Association of Clinical Anatomists, Grenada, West Indies, July 2012
- 2012\* Pearson WG, Davidoff AA, Langmore SE. Reliability of a New Approach to Videofluoroscopic Kinematic Analysis. Dysphagia Research Society, Toronto, CA, March 2012
- 2012 Vasquez-Miloro K, Pearson WG , Langmore SE. Effortful pitch glide: an exercise for potential swallow rehabilitation evaluated by dynamic MRI. Dysphagia Research Society, Toronto, CA, March 2012
- 2011\*\*Pearson WG, Langmore SE, Yu LB, Zumwalt AC. Muscles Underlying the Elevation of the Hyolaryngeal Complex. American Association of Anatomists, Washington, DC, April 2011
- 2011\* Pearson WG, Langmore SE, Yu LB, Zumwalt AC. Muscles elevating the hyolaryngeal complex. Dysphagia Research Society, San Antonio, TX, March 2011
- 2010\* Pearson WG, Langmore SE, Zumwalt AC. Disambiguating muscular structure effecting hyoid movement in pharyngeal phase of deglutition. American Association of Anatomists, Anaheim, CA, April 2010
- 2010\*\*Pearson B, Promoting student scholarship: a web-based peer reviewed educational resource. American Association of Anatomists, Anaheim, CA, April 2010
- 2010\* Pearson WG, Langmore SE, Zumwalt AC. Disambiguating muscular forces effecting hyoid movement in pharyngeal phase of deglutition. Dysphagia Research Society, San Diego, CA, March 2010
- 2009\*\*Pearson B, Hutchinson C, Noordzij JP, Comparing methods for transcutaneous access to the vocal folds. American Association of Anatomists, New Orleans, LA, April 2009

**Non-Refereed Abstracts**

- 2017 Tadavarthi Y, Hosseini S, Reyes S, Pearson WG. Dysphagia Etiologies Differentiate By Pharyngeal Swallowing Mechanics. Medical Student Research Day; Augusta, GA. September 2017
- 2017 Hosseini S, Tadavarthi Y, Pearson WG. Modularity of Covariant Pharyngeal Swallowing Mechanics. Medical Student Research Day; Augusta, GA. September 2017
- 2016 Brandon H, Stavness I, Anderson P, Pearson WG. Modeling Swallowing Mechanics Resulting From Respiratory-Swallow Phase Training. Medical Student Research Day; Augusta, GA. September 2016
- 2016 Schwertner RW, Garand KL, Pearson WG. Impact Of Motor Neuron Disease On Pharyngeal Swallowing Mechanics. Medical Student Research Day; Augusta, GA. September 2016
- 2016 Wilson B, Newton W, Garand KL, Martin-Harris B, Strange C, Pearson WG. Mechanical Changes to Deglutition in COPD-Related Dysphagia. Medical Student Research Day; Augusta, GA. September 2016
- 2015 Gassert RB, Pearson WG. Evaluating Muscles Underlying Tongue Base Retraction in Deglutition Using Muscular Functional Magnetic Resonance Imaging (mfMRI). Medical Student Research Day; Augusta, GA. September 2015
- 2015 May NH, Pisegna J, Kumar S, Pearson WG. Mechanical changes to deglutition in stroke-related dysphagia. Medical Student Research Day; Augusta, GA. September 2015
- 2015 Tran TT, Martin-Harris B, Blair J, Pearson WG. Patient specific computational analysis of swallowing response to respiratory training. Medical Student Research Day; Augusta, GA. September 2015
- 2014 Baffoe R, Stavness I, and Pearson WG. Coordinate data for inverse modeling of the pharynx. Medical Student Research Day; Augusta, GA. September 2014
- 2014 Grunnet K, McGrattan K, Martin-Harris B, Lefton-Greif M, and Pearson WG. A coordinate mapping methodology for pediatric modified barium swallow studies. Medical Student Research Day; Augusta, GA. September 2014
- 2014 Heard K, Rowley C, Dietsch A, Solomon N, Pearson WG. Swallowing mechanics associated with aspiration among polytraumatized warriors. Medical Student Research Day; Augusta, GA. September 2014
- 2014 Kent S, Blair J, Martin-Harris B, Pearson WG. Morphometric analysis of swallowing in oropharyngeal cancer patients with dysphagia. Medical Student Research Day; Augusta, GA. September 2014
- 2014 Perry J, Stavness I, Pearson WG. Mapping skeletal landmarks for a low fidelity 3d model of swallowing. Medical Student Research Day; Augusta, GA. September 2014
- 2014 Rowley C, Heard K, Dietsch A, Solomon N, Pearson WG. Hyolaryngeal mechanics is predictive of pharyngeal constriction in polytraumatized warriors with dysphagia. Medical Student Research Day; Augusta, GA. September 2014

- 2014 Trejo V, Perry J, Stavness I, and Pearson WG. Reliability of mapping biomechanics for 3d model of swallowing. Medical Student Research Day; Augusta, GA. September 2014
- 2013 Hightower C, Dietsch A, Focht K, Martin-Harris B, Solomon NP, Pearson WG. Polytraumatized warriors: Swallowing outcomes and structural swallowing changes. Medical Scholars Research Day; Augusta, GA. September 2013
- 2013 Rice S, Johnson CJ, Blair J, Martin-Harris B, Pearson WG Structural Changes associated with Oropharyngeal Cancer Patients. Medical Scholars Research Day; Augusta, GA. September 2013
- 2010 Estelle C, Pearson B. International Collaboration to Develop Medical English Proficiency and Introduce Problem Based Learning into a Yemeni Medical School: A Case Study. Medical Education Day, Boston University School of Medicine, June 2010
- 2010 Witek N, Pearson W, Zumwalt A, Martinez, R. Assessment of Peer Teaching Model in Yemen. Massachusetts Medical Society Research Symposium, Waltham, MA. December 2010
- 2010 Pearson WG, Langmore SE, Zumwalt AC. Documenting muscular structure effecting hyoid movement in pharyngeal phase of deglutition. Student Achievement Day, Boston University School of Medicine, Boston, MA May 2010
- 2009 Pearson B, Hoagland T, Measuring Change in Professionalism Attitudes of First Semester Medical Students. Medical Education Day, Boston University School of Medicine, Boston, MA June 2009

### **Invited presentations**

- 2022 Flourishing Approach to Physician Formation in GME. Grand Rounds. Christ Community Health. Birmingham, AL. March 2022
- 2022 Flourishing Approach to Physician Formation. Grand Rounds. Hughston Clinic. Columbus, GA. February 2022
- 2022 Flourishing Approach to Clinician Formation. Southeast Regional Meeting of HDSA Centers of Excellence. Nashville, TN. February 2022
- 2021 MEDx Talk. Flourishing in Swallowing Science. VCOM Research Retreat. Hilton Head Island, SC. November 2021
- 2021 Workshop on Human Flourishing & Huntington's Disease. Vanderbilt Huntington's Disease Clinic and Tennessee Meeting of the Huntington's Disease Society of America. Nashville, TN. October 2021
- 2021 Seminar. The Ethics of Anatomy Dissection. Philosophy & Medicine Group, Center for Clinical Medical Ethics, Department of Medicine, Columbia University Irving Medical Center, New York, NY. January 2021.
- 2019 Panelist. The Benedict-Francis Option in Medicine? Christian Contemplative Practices as a Healing Balm for Physician Burnout. Conference on Medicine and Religion, Durham, NC. March 2019.



- 2019 Panelist. Bringing Together Different Perspectives on Establishing Healthier Learning Environment. MCG Health Sciences Education Day. Augusta, GA. March 2019
- 2018 Presenter. Charleston Swallowing Conference, Anatomic and Physiologic Targets for Intervention: Strategies for Assessment Driven Treatment, Evanston IL. July 2018.
- 2017 Panelist. Re-enchanting Medicine through Re-imagined Monastic Living in a Contemporary Biomedical Academic Setting. Conference on Medicine and Religion, Houston, TX. March 2017.
- 2016 Seminar. Boston University School of Medicine Department of Anatomy and Neurobiology. Uncovering the functional anatomy of dysphagia secondary to hemispheric stroke. Boston, MA. November 2016.
- 2016 Seminar. University of Indiana Department of Speech and Hearing Science Seminar. Uncovering the functional anatomy of swallowing impairment using common use diagnostic imaging. Bloomington, IN. October 2016.
- 2016 SLP Grand Rounds. Clinical insights through patient specific computational analysis of swallowing. GR Health Augusta, GA. November 2016.
- 2015 Seminar. Patient Specific Analysis of Swallowing Impairment. MCG Department of Cellular Biology and Anatomy Seminar, Augusta, GA. February 2015.
- 2014 Panelist. Dysphagia Research Society. Anatomical considerations in patient specific modeling. The Future for Dysphagia Research and Treatment Panel – Predictive Analytical Models to Improve Long Term Care in Assessment, Treatment, and Recovery. Moderator: Art Miller, PhD. Nashville, TN. March 2014.
- 2013 Presenter. 70th Anniversary Workshop: Audiology and Speech Center, Walter Reed National Military Medical Center. Assessing the Biomechanics of Swallowing and Swallowing Impairment Using Videofluoroscopy. Bethesda, MD. November 2013.
- 2013 Presenter. Charleston Swallowing Conference, Functional Anatomy of Oropharyngeal Swallowing. Charleston, SC. October 2013.
- 2013 Seminar. MCG Department of Otolaryngology Seminar, Dysphagia Research Chalk Talk. Augusta, GA October 2013.
- 2013 Seminar. MCG Department of Cellular Biology and Anatomy Seminar, Translating the functional anatomy of hyolaryngeal elevation in the pharyngeal phase of swallowing. Augusta, GA. September 2013.
- 2013 Seminar. MCG/MUSC Dysphagia Research Symposium. Coordinate Mapping of Hyolaryngeal Movement Using MBS Studies. Charleston, SC. July 2013.
- 2012 Seminar. MUSC Evelyn Trammell Institute for Voice and Swallowing. Mechanism of Hyolaryngeal Elevation in the Pharyngeal Phase of Swallowing. Charleston, SC December 2012.
- 2012 Seminar. Dysphagia Research Society, Post Graduate Course. Structures and systems within swallowing and associated networks. Toronto, ON. March 2012.

- 2012 Presenter. Cadaver Memorial Service. Invited by first year Medical College of Georgia students to bring remarks to the class. November 2012, 2013, 2016, 2017, 2018, 2019.
- 2011 Seminar. American Association of Clinical Anatomists, translational research symposium; Investigating the functional anatomy of swallowing from cadaver lab to clinic. Columbus, OH. July 2011.
- 2011 Seminar. Boston University School of Medicine, Department of Anatomy and Neurobiology Department, Muscles underlying a critical event in human swallowing. Boston, MA. April 2011.
- 2008-2011 Presenter. Annual Donor Memorial Service. Boston University School of Medicine. April 2008, 2009, 2010, 2011.
- 2008 Presenter. Professionalism and the Experience Dissection Lecture Dialogue Boston University School of Medicine. September 2008, 2009, 2010, 2011, 2012
- 2008 Seminar. Christian Medical College. Anatomical evidence for the resurrection of Jesus: implications for clinical practice. Vellore, Tamil Nadu, India. March 2008.
- 2003 Panelist. Ethics of reproductive rights. Women's and Children's Lecture Series Harvard Medical School. April 2003, 2004, 2005
- 2000 Seminar. Spirituality and Medicine Course, Brown University Dept of Psychiatry, Psychodynamics of faith and spiritual history taking. August 2000.

### **Research Grants/Funding**

1R01DC012584-01

Sandeep Kumar (PI) 6/14/13-5/31/18

NIDCD

Title: Fostering Eating After Stroke using transcranial direct current stimulation (FEAST) Trial

Role: Consultant

The main goals of this study are to investigate two different doses of anodal tDCS versus sham stimulation in dysphagic patients from acute-subacute hemispheric infarcts. We will use CASM methods to determine differences in mechanics resulting from treatment and investigate questions about the neurobiology of swallowing.

VA Merit Award

PI: Bonnie Martin-Harris

Title: Clinical Efficacy and Durability of Respiratory-Swallowing Training

Role: Co-I

In this phase IIb trial we have a mechanistic aim to use patient specific CASM to uncover the effect of RST on essential components of swallowing mechanics. Interested in seeing how RST treatment effect that may be further amplified by combining RST with traditional treatment approaches.

1F31DC011705-01

William Gordon Pearson, Jr. 1/3/2011- 10/2/2012

NIDCD

Title: Muscles Underlying Pharyngeal Swallowing and the Therapies that Rehabilitate Them

Role: Principal Investigator

This project developed an application of muscle functional and dynamic MRI as a methodology to investigate muscle function underlying swallowing and to evaluate the exercises designed to improve swallowing function.

2013-18 MCG Medical Scholars Program: (Funding 12 Summer Research Projects)

2011 American Association of Anatomists Short-Term Visiting Scholarship to collaborate with Anne Agur, PhD, Professor of Anatomy, Department of Surgery at the University of Toronto

2010 Global Medical Education Project, Park Street Church Bicentennial Social Change Competition, Boston, MA

## **SERVICE**

*VCOM*

2021- Curriculum Oversight Committee

*Augusta University*

2018-2019 Member, Educational Technology Advisory Committee

2013-2015 Member, Library Advisory Committee

*Medical College of Georgia, Augusta University*

2017-2018 Search Committee for MCG Vice Dean for Academic Affairs

2017-2019 MCG Scholarship Committee

2016-2019 Advisory Committee, Center for Ultrasound Education and Research

2016-2019	Member, Curriculum Evaluation Team
2016-2017	Search Committee for Athens Partnership Associate Dean of Curriculum
2015-2019	Member, Curriculum Oversight Committee (COC)
2015-2019	Faculty Advisor, MCG Honor Council
2014-2019	Co-Advisor, Academic House
2014-2016	Member, LCME Steering Committee
2014-2016	Member, LCME Executive Committee
2014-2016	Consultant and Member, LCME Institutional Self-Study Committee for Academic and Learning Environments; Faculty Preparation, Productivity, Participation, and Policies; Educational Resources and Infrastructure
2014-2016	Consultant and Member, LCME Institutional Self-Study Committee for Competencies, Curricular Objectives, and Curricular Design; Curricular Content
2014-2016	Consultant and Member, LCME Institutional Self-Study Committee for Mission, Planning Organization and Integrity; Leadership and Administration
2014-2015	Member, COC Ad Hoc Committee Neuroscience Curriculum Review
2013-2019	Member, Phase 1 Director's Team
2013-2019	Member, Phase 1-2 Curriculum Committee
2012-2016	Class Advisor, MCG Class of 2016
2012-2016	Member, MCG Faculty Senate Student Affairs Committee

*MCG Department of Cellular Biology and Anatomy*

2016	Member, Annual Retreat Planning Committee
2015	Presenter, Annual Retreat
2014	Presenter, Annual Retreat
2014-2015	CBA Educator Search Committee

*National*

2016-2019	Dysphagia Research Society Membership Committee
2015, 2017	Faculty, Dysphagia Research Society Annual Meeting
2014-2016	Mentor on VA Career Scientist Award: Kendrea Garand, PhD
2014-2016	Dysphagia Research Society Multidisciplinary Scientific Advancement Ad Hoc Committee
2014	Textbook Reviewer: McFarland, David H. Netter's atlas of anatomy for speech, swallowing, and hearing. Elsevier Health Sciences

- 2013 Dysphagia Research Society Ad Hoc Committee for Recruitment
- 2013 Book Reviewer MBSImp: The Anatomy and Physiology of Swallowing, Northern Speech  
Bonnie Martin-Harris, PhD
- 2012-2014 Member, Thesis committee for Kendrea Focht, CScD, Ph.D. cand. Medical University of  
South Carolina.
- 2012-2021 Reviewer of manuscripts for journals including Anatomical Sciences Education,  
Computer Methods in Biomechanics and Biomedical Engineering, Dysphagia, Journal of  
Gerontology, Oral Oncology, Plos One.

#### **ACADEMIC HONORS AND AWARDS**

- 2021 VCOM Faculty of the Block Student Recognition (Block 2 2021)
- 2019 MCG Distinguished Faculty Award, Educator of the Year, Phase 1
- 2019 MCG Exemplary Teaching Award for Undergraduate Medical Education
- 2018 MCG Exemplary Teaching Award for Undergraduate Medical Education
- 2018 Student's Faculty Choice Award, Pre-matriculation program, Medical College of Georgia
- 2017 MCG Distinguished Faculty Award in Basic Science Teaching
- 2017 Augusta University's Academy of Health Science Educators
- 2017 MCG Exemplary Teaching Award for Undergraduate Medical Education
- 2017 Student's Faculty Choice Award, Pre-matriculation program, Medical College of Georgia
- 2016 MCG Exemplary Teaching Award for Undergraduate Medical Education
- 2016 Student's Faculty Choice Award, Pre-matriculation program, Medical College of Georgia
- 2015 MCG Exemplary Teaching Award for Undergraduate Medical Education
- 2015 Student's Faculty Choice Award, Pre-matriculation program, Medical College of Georgia
- 2014 Sushruta-Guha Award in Clinical Anatomy. American Association of Clinical Anatomists.
- 2013 Third Place in Scientific Abstract: Oral Presentation, Dysphagia Research Society,  
Seattle, WA
- 2011-2012 Ruth L. Kirschstein National Research Service Award Fellowship (NIDCD)
- 2010 Third Place in Scientific Abstract: Oral Presentation, Dysphagia Research Society, San  
Deigo, CA
- 2010 Finalist for Langman Graduate Student Platform Presentation Award, American  
Association of Anatomists, Anaheim, CA
- 2007 Nominated for the Boston University School of Medicine Committee on Faculty Affairs  
Educator of the Year Award
- 2006 Nominated for the Harvard Medical School Faculty Prize for Excellence in Teaching

**PROFESSIONAL MEMBERSHIPS**

- 2013-2022 Full Member, Dysphagia Research Society
- 2010-2012 Student Member, Dysphagia Research Society
- 2017-2019 Member, International Association of Medical Science Educators
- 2011-2015 Member, American Association of Clinical Anatomists
- 2009-2015 Member, American Association of Anatomists
- 2022

**PROFESSIONAL DEVELOPMENT**

- 2018 Preconference and conference workshops, International Association of Medical Educators Annual Meeting, Las Vegas, NV, 6/2018
- 2017 Preconference and conference workshops, International Association of Medical Educators Annual Meeting, Burlington, VT, 6/2017
- 2016 Analysis of Organismal Form (online course), University of Manchester, UK, Fall Semester
- 2015 MCG EII Workshop on Developing High-Quality MCQs to Assess Application of Knowledge Using Patient Vignettes, David Swanson, 9/15/2015
- 2014 Artisynt Workshop: Modeling Human Anatomy, University of British Columbia, 8/21/14
- 2013 GRU Career Development 101 Workshop, 11/21/13
- 2012 Writing MCQs: An Online Introductory Tutorial by NBME, 12/20/12
- 2012 GHSU EII Workshop on Providing Effective Feedback to Millennial Learners, 11/13/12