

## CURRICULUM VITAE

**Name:** Gretchen Seif  
**Address:** Division of Physical Therapy  
151-B Rutledge Avenue, MSC 9650  
Charleston, SC 29425-9650

**Telephone:** (843) 792-9345

**Name of Educational Program and Institution:** Medical University of South Carolina,  
Department of Health Professions, Division of Physical Therapy

### **Education:**

Regis University, Denver, Colorado, 2007-December 2009, Physical Therapy, *Doctor of Physical Therapy*

Medical University of South Carolina, Charleston, South Carolina, 1995-December 1997,  
Physical Therapy, *Master in Health Sciences*

The Ohio State University, Columbus, Ohio, 1988-June 1993, Physical Therapy, *Bachelor of Science in Allied Health Professions (Physical Therapy)*

**Licensure Information/Registration Number:** South Carolina, 2162

### **Certifications (eg, ABPTS):**

Orthopedic Certified Specialist (OCS) March 2005-March 2015, Re-Certified March 2013-March 2023

Fellow in the American Academy of Orthopedic Physical Therapists, (FAAOMPT) October 2005-October 2015, Re-Certified October 2013-October 2023

APTA Credentialed CI November 2008

Certificate in Manual Therapy Kaiser Permanente/The Medical University of South Carolina, November 2002

### **Employment and Positions Held:**

*Associate Professor*  
*Assistant Academic Coordinator of Clinical Education (AACCE)*  
Non-tenure track  
Division of Physical Therapy  
Department of Health Professions  
College of Health Professions  
Medical University of South Carolina  
Charleston, SC  
2014- present

*Assistant Professor*  
*Assistant Academic Coordinator of Clinical Education (AACCE)*  
Non-tenure track  
Division of Physical Therapy

Department of Health Professions  
College of Health Professions  
Medical University of South Carolina  
Charleston, SC  
2010-2014

*Instructor*

*Assistant Academic Coordinator of Clinical Education (AACCE)*  
Non-tenure track  
Division of Physical Therapy  
Department of Health Professions  
College of Health Professions  
Medical University of South Carolina  
Charleston, SC  
April 2008-2010

*Physical Therapist*

Rehabilitation Centers of Charleston  
2070 Northbrook Blvd  
North Charleston, SC 29406  
April 2008-2015

*Physical Therapist: Director of Education*

Rehabilitation Centers of Charleston  
2881-A Tricom Street  
North Charleston, South Carolina 29406  
October 2000-March 2008

*Adjunct Faculty*

Physical Therapy Education Program  
Department of Rehabilitation Sciences  
College of Health Professions  
Medical University of South Carolina  
Charleston, SC  
August 2003-December 2003, May 2004-2008

*Director of Training and Program Development*

Oasis Healthcare  
Charleston, South Carolina  
April 2000-October 2000

*Physical Therapist*

*SportsPlus Physical Therapy*  
2880 Tricom Street  
North Charleston, South Carolina 29406  
July 1998-April 2000

*Instructor of Anatomy*

Southeastern School of Neuromuscular and Massage Therapy  
Charleston, South Carolina  
November 1998-April 2000

*Physical Therapist*  
Professional Rehabilitation  
2070 Northbrook Blvd.  
North Charleston, South Carolina 29406  
November 1994-June 1998

*Physical Therapist*  
Trident Therapy Services  
Summerville, South Carolina  
July 1994-November 1994

*Physical Therapist*  
The Medical University of South Carolina  
171 Ashley Avenue  
Charleston, South Carolina 29425  
November 1993-July 1994

**Peer Reviewed Publications:**

1. Seif GA, Faris K, Russo G, Middleton A, Timko M. Transferring New Physical Therapy Skills from the Weekend to Monday Morning in the Clinic: A pilot study. *Journal of Allied Health*. 2019;48(4):113E-116E.
2. Seif GA, Kraft SV, Bowden MG, Boissonnault JS. Intra-rater reliability of the ECHOWS tool for real-time assessment of physical therapy student interviewing skills: A pilot study. *Health Professions Education*. 2018;5(2), 146-151.
3. Johnson E, Seif GA, Coker-Bolt P, Kraft S. Measuring clinical reasoning and interprofessional attitudes. *Journal of Student-Run Clinics*. 2017;3(1).
4. Wager KA, Seif GA, Coker-Bolt P, Annan-Coultas D, Kraft S. Interprofessional partnerships: Implementing an electronic health record in a student-run free clinic. *J Health Adm Educ*. 2015;32(1):133-147.
5. Morrisette DC, Cholewicki J, Logan S, Seif GA, McGowan S. A randomized clinical trial comparing extensible and inextensible lumbosacral orthoses and standard care alone in the management of lower back pain. *Spine (Phila Pa 1976)*. 2014;39(21):1733-1742. doi: 10.1097/BRS.0000000000000521 [doi].
6. Annan-Coultas DL, Kazley AS, Seif GA. Effectiveness of audience response-enhanced case learning activities in graduate health professions education. *J Allied Health*. 2014;43(3):53E-58E.
7. Seif G, Coker-Bolt P, Kraft S, Gonsalves W, Simpson K, Johnson E. The development of clinical reasoning and interprofessional behaviors: Service-learning at a student-run free clinic. *Journal of interprofessional care*. 2014;28(6):559-564.
8. Seif GA, Brown D, Annan-Coultas D. Video-recorded simulated patient interactions: Can they help develop clinical and communication skills in today's learning environment? *J Allied Health*. 2013;42(2):37E-44E.
9. Seif GA, Brown D, Annan-Coultas D. Fostering clinical-reasoning skills in physical therapist students through an interactive learning module designed in the moodle learning management system. *Journal of Physical Therapy Education*. 2013;27(3):32-40.
10. Kazley AS, Annan-Coultas D, Carson N, Freeland M, Seif G, Zoller J. Understanding the use of educational technology among faculty, staff and students at a medical university. *Tech Trends*. 2013;57(2):63.

11. Seif GA, Elliott J. Ankylosing spondylitis in a patient referred to physical therapy with low back pain. *Physiotherapy theory and practice*. 2012;28(1):63-70.

### **Manuscripts In Review:**

### **Published Abstracts of Peer Reviewed Presentations:**

1. Kraft S., Seif G., Coker-Bolt P., Gonsalves W., Johnson E. Simpson K. (2014, May) The economic impact of a student run free clinic as a safety net provider for uninsured patients. Institutes of Medicine Global Forum on Innovation in Health Professional Education.
2. Seif G., Kraft S., Coker-Bolt P., Gonsalves W., Simpson K. (2014, May) Participation in a student run free clinic impacts student clinical reasoning as measured by the self-assessment of clinical reflection and reasoning (SACRR). Institutes of Medicine Global Forum on Innovation in Health Professional Education.
3. Kraft S, Seif GA. Participation in an interprofessional service learning course and a student-run free clinic impacts clinical reasoning as measured by the self-assessment of clinical reflection and reasoning (SACRR). *Journal of the American Physical Therapy Association*. Retrieved from <http://apps.apta.org/custom/abstracts/pt2013/1016.html> on 9/1/2013.
4. Seif GA, Annan-Coultas D, Brown D. The use of educational technology self-assessment, and peer assessment on student perception of preparation for clinical practicums. *Journal of the American Physical Therapy Association*. Retrieved from: <http://apps.apta.org/custom/abstracts/pt2012/1145-SI.html> on 5/16/2012.
5. Seif GA, Annan-Coultas D, Brown D. Development in clinical reasoning skills of physical therapist students through the use of educational technology. *Journal of the American Physical Therapy Association*. Retrieved from: <http://apps.apta.org/custom/abstracts/pt2012/1146-SI.html> on 5/16/12.
6. Seif, GA. Differential Diagnosis of a Patient Referred to Physical Therapy: Ankylosing Spondylitis at APTA Annual Conference, Boston, MA. June 16-19, 2010.

### **Peer Reviewed Scientific and Professional Presentations (those not previously cited above under abstracts):**

1. Seif G, Buck, W. Trigger Point Dry needling in the Treatment of a Patient with Parkinson's Disease Status Post Botox Injections. AAOMPT Annual Conference, Orlando, FL. October 2019.
2. Cowen S, Mason C, Seif G. Can Pre-Clinical Students Correctly Identify Pain Mechanisms and Apply Pain Neuroscience Education while Treating a Patient in a Student-Run Free Clinic? Yes! AAOMPT Annual Conference, Orlando, FL. October 2019.
3. Lance E, Smith A, Kraft S, Seif G. Effectiveness of a Student-led PT for Patient with High Complexity Traumatic Knee Injury: A Case Report. AAOMPT Annual Conference, Orlando, FL. October 2019.
4. Giles A, Lebov M, McLamb S, Harrison R, Coker-Bolt P, Kraft S, Marik T, Seif G, Velozo C, Wager K. Community-based experiential learning: Using an interprofessional student-run free clinic to enhance student collaboration and critical thinking. Association of Schools of Allied Health Professions Annual Conference, Charleston, SC. October 2019.
5. Giles A, Nash C, Davis S, Nettle M, Bendre S, Roberson J, Wager K, Coker-Bolt P, Marik T, Velozo C, Kraft S, Seif G. Tracking the rising trend of pro-bono clinics in health professions. Association of Schools of Allied Health Professions Annual Conference, Charleston, SC. October 2019.
6. Lebov M, McLamb S, Giles A, Harrison R, Coker-Bolt P, Kraft S, Marik T, Seif G, Velozo C, Wager K. Community-based experiential learning: Using an interprofessional student-run

- free clinic to enhance student collaboration and critical thinking. Medical University of South Carolina Student Research Day, Charleston, SC. October 2019.
7. Nash C, Davis S, Nettle M, Bendre S, Roberson J, Wager K, Giles A, Coker-Bolt P, Marik T, Velozo C, Kraft S, Seif G. Tracking the rising trend of pro-bono clinics in health professions. Medical University of South Carolina Student Research Day, Charleston, SC. October 2019.
  8. Seif GA, Timko M, Faris K, Russo G, Middleton A. Transferring Weekend Continuing Education to Monday Morning Patient Care: A Pilot Study for Quality Improvement. CoHSTAR Implementation Science Institute, Providence, RI, May 1, 2019.
  9. Scott E, Breal H, Kraft S, Seif, G. The Effectiveness of Stroke Rehabilitation in a Student-Run Free Clinic Probono Network Conference, Chester PA. March 2019.
  10. Smith A, Elliott L, Kraft S, Seif, G. Effectiveness of student-led PT for a High Complexity Knee Injury: a Case Report. Probono Network Conference, Chester PA. March 2019
  11. Oblinger J, Warther J, Fry V, Kraft S, Seif G, Coker-Bolt P, Velozo C, Giles A, Wager K. Compliance of Home Exercise Program in a Pro Bono Physical Therapy Clinic. Probono Network Conference, Chester PA. March 2019.
  12. Alexander JR, Fluharty A, Pittman B, Kraft S, Seif G, Coker-Bolt P, Velozo C, Giles A, Wager K. Addressing Clinic Procedural Problems through Orientation and Culture Change. Probono Network Conference, Chester PA. March 2019.
  13. Molina L, Ramelb K, Walstrum S, Wlodarski J, Kraft S, Seif G, Coker-Bolt P, Velozo C, Giles A, Wager K. Patient Satisfaction in CARES: A Pro Bono Clinic. Probono Network Conference, Chester PA. March 2019.
  14. Seif GA. Transferring Weekend Continuing Education to Monday Morning Patient Care: A Pilot Study for Quality Improvement. AAOMPT Annual Conference, Reno, NV, November 2018.
  15. Seif GA, Kraft S. Forever and Every We Will Never Part Ortho and Neuro Better Together!. SCAPTA Annual Conference, Charleston, SC April 2018.
  16. Seif GA, Saladin S. Better Together: Women Helping Women Succeed in Leadership. SCAPTA Annual Conference, Charleston, SC April 2018.
  17. Bowman M, Allen A, Hammond S, Seif G. CARES Therapy Clinic: Consistency of Care Improves Patient Outcomes. SCAPTA Annual Conference, Charleston, SC, April 2018.
  18. Harris N, Orton N, Kraft S, Seif G. Measuring the Effectiveness of Care in a Student Run Pro-Bono Clinic. SCAPTA Annual Conference, Charleston, SC, April 2018.
  19. Roettger G, Semones A, Kraft S, Seif G, Giles A, Coker-Bolt P, Wager K. Integrating College of Medicine Students in a Therapy Pro Bono Clinic Increases their Understanding of Neurological. SCAPTA Annual Conference, Charleston, SC, April 2018.
  20. Jansen A, Kraft S, Seif G, Giles A, Coker-Bolt P, Wager K. Patient Satisfaction in Cares: A Pro Bono Clinic. Probono Network Conference, Chester PA. March 2018.
  21. Harris N, Orton N, Kraft S, Seif G. Measuring the Effectiveness of Care in a Student Run Pro-Bono Clinic. Probono Network Conference, Chester PA. March 2018.
  22. Roettger G, Semones A, Kraft S, Seif G, Giles A, Coker-Bolt P, Wager K. Integrating College of Medicine Students in a Therapy Pro Bono Clinic Increases their Understanding of Neurological Rehabilitation. Probono Network Conference, Chester PA. March 2018.
  23. Apsley S, Hammond S, Kraft S, Seif G. CARES Therapy Clinic: Consistency of Care Improves Patient Outcomes. Probono Network Conference, Chester PA. March 2018.
  24. Sargeant M, Kraft S, Seif, G, Wager K, Coker-Bolt P, Giles A. The Financial Impact of a Student-Run free clinic in a state without Medicaid Expansion. Probono Network Conference, Chester PA. March 2018.
  25. Newton J, VanDerwerker C, Ross R, Seif G, Newton J, Gregory C. A proposed framework for the role of physical therapy in a multi-disciplinary approach to treating depression. Poster Presentation. APTA Combined Sections. New Orleans, LA. February 2018.

26. Sword DO, Karlesky N, Gregory C, Brown J, Seif G. Serving the Underserved: The CARES Weight Management Program. Poster Presentation. The Obesity Society Annual Meeting. Washington DC. November 2<sup>nd</sup> 2017,
27. Coker-Bolt P, Giles, AK, Seif G, Kraft S, and Velozo, C. How to start and sustain a successful interprofessional student-run free clinic: Linking the classroom to clinical practice. Short course presented at the Collaborating Across Borders Conference, Banff, Alberta, Canada. October 2017.
28. Giles A, Coker-Bolt P, Seif G, Kraft S, Velozo C. How to start and sustain a successful interprofessional student-run free clinic: Linking the classroom to clinical practice. CAB V, Banff, CA October 1 - 4, 2017
29. Kraft S, Seif G. Reunited and It So Good: Combining Neurologic and Orthopedic Principles. South Carolina Chapter of the American Physical Therapy Association Annual Spring Conference Education Session April 1 2017
30. Seif G, Schulte M, Johnson M, Sword D, Gregory C, Kraft S CARES Weight Management: The Creation of a Student-Run Free Clinic. Probono Network Conference, Chester PA. March 2017
31. Kraft S, Darms M, Whitson M, Seif G. Do We Measure Up? Systematic Outcome Measure Collection in a Student Run Clinic. Probono Network Conference, Chester PA. March 2017
32. Ajamian N, Hensley E, Bowman P, Seif G, Coultas J, Giles A. Interdisciplinary development and application of a new mobile app: An innovative flipped lab approach. MUSC Student Research Day. Charleston, SC. November 4, 2016.
33. Davidson L, Shoemaker K, Wisher M, Kraft S, Seif G, Giles A, Velozo C. Coker-Bolt P. Classroom To The Clinic: The Impact Of A Student-Run Free Therapy Clinic. South Carolina Chapter of Physical Therapy Annual Conference Poster Presentation. MUSC Charleston SC Poster Presentation May 7, 2016.
34. Stone C, Karlesky N, Huschart J, Schneider L, Kraft S, Seif G, Coker-Bolt P, Velozo C, Giles A. The Doctor is in: Teaching in Medical Student the Role of Therapy. South Carolina Chapter of Physical Therapy Annual Conference, MUSC Charleston SC. Poster Presentation. May 7, 2016.
35. Yount, H, Wright R, Hayden G, Hunsucker L, Maddrey R, Kraft S, Seif G, Coker-Bolt P, Giles A, Velozo C. HEP reminders: Texting the way to Patient Success. South Carolina Chapter of Physical Therapy Annual Conference. MUSC Charleston SC. Poster Presentation. May 7, 2016.
36. Kraft S, Seif G, Coker-Bolt P, Dean J, Giles A, Woodbury M, Bowden M. Translating Evidence Into Practice: An Effective Educational Model. American Physical Therapy Association Combined Sections Meeting Poster Presentation February 2016.
37. Seif, G, Coker-Bolt, P, Kraft, S, Wager, K, Annan, D. *The Assessment and Implementation of an Electronic Health Record (EHR) in an Interprofessional Student-Run Free Clinic.* Collaborating Across Borders V, Roanoke, VA. October 2015.
38. Giles AK, Annan-Coultas D, Coultas J, Seif G, Bowman, PJ. *Flipping the OT and PT lab: Development of an e-learning module.* Paper presented at the American Occupational Therapy Association Annual Conference, Nashville, TN. April 2015.
39. Hayden G, Bennett B, Coats E, Graul A, Hubbuch J, Kraft S., Seif G, Coker Bolt P. Lessons Learned and Results from Patient Outcome Measures at the MUSC student run free clinic CARES Therapy Clinic” Student Society of Free Medical Clinics Conference. Atlanta GA. February 2015.
40. Bannan C, Brenner J, Doherty K, Davidson L, Neal L, Slaughter E, Williams M, Kraft S, Coker-Bolt P, Seif G, Wager K, Annan Coultas D. Interprofessional Approach to Electronic Health Records Implementation at a Student Run Clinic. Student Society of Free Medical Clinics Conference. Atlanta GA. February 2015.

41. Coats E, Callahan K, Pena L, Slaughter E, Knowles M, Harris C, Kraft S, Seif G, Coker-Bolt P. Client-centered Care? Patient satisfaction with services provided at C.A.R.E.S. Therapy Clinic. Student Society of Free Medical Clinics Conference. Atlanta GA. February 2015.
42. Kraft S, Wager K, Seif G, Coker-Bolt P, Annan-Coultas D. The assessment and implementation of an electronic health record in an interprofessional student-run free clinic. ASAHP Conference. Las Vegas, Nevada. October 2014.
43. Giles AK, Seif G, Annan-Coultas D, Coultas J, Bowman PJ. *Flipping the OT and PT lab: Development of an e-learning module*. Paper presented at the Association of Schools for Allied Health Professions Annual Conference, Las Vegas, NV. October 2014.
44. Seif G, Brown D. Fostering Orthopedic Clinical Reasoning Skills in the Physical Therapists Student. The 2014 American Academy of Orthopedic Manual Physical Therapists Annual Conference. San Antonio, TX. October 2014.
45. Kraft S, Seif G, Coker-Bolt P, Gonsalves W, Johnson E, Simpson, K. The economic impact of a student run free clinic as a safety net provider for uninsured patients. Institutes of Medicine Global Forum on Innovation in Health Professional Education. May 2014.
46. Seif G, Kraft S, Coker-Bolt P, Gonsalves W, Simpson K. Participation in a student run free clinic impacts student clinical reasoning as measured by the self-assessment of clinical reflection and reasoning (SACRR). Institutes of Medicine Global Forum on Innovation in Health Professional Education. May 2014.
47. Coker-Bolt P, Peirson P, Stokes M, Coats E, Stec B, Callahan K, Kraft S, and Seif G. Student-run free clinic: An innovative service learning opportunity. The 2014 American Occupational Therapy National Conference and Exposition. Baltimore, MD. March 2014.
48. Gonsalves W, Seif G, Kraft S, and Coker-Bolt P. How a Student Run Free Clinic Improved Interprofessionalism And Clinical Reasoning. 2014 STFM Conference on Medical Student Education, Nashville, TN. February 2014.
49. Foster A, Kraft S, Seif G, and Coker-Bolt P. The Effectiveness and Challenges of physical, occupational, and speech therapy treatment in a patient with a basal ganglia stroke in a student run interprofessional therapy clinic-a case report. International Student Run Free Clinic Association Conference. January 2014.
50. Kraft S, Seif G, Coker-Bolt P, Simpson K, Johnson E, and Gonsalves W. The Economic Impact Of A Student-Run Free Clinic As A Safety Net Provider For Uninsured Patients 2013 Annual ASAHP Conference, Orlando, Florida. October 2013.
51. Kraft S, Seif G, Coker-Bolt P, Simpson K, Johnson E, & Gonsalves W. The Development of Clinical Reasoning and Interprofessional Behaviors: Service-Learning at a Student-Run Free Clinic. 2013 Annual ASAHP Conference, Orlando, Florida. October 2013.
52. Coker-Bolt P, Gonsalves W, Simpson K, Kraft S, Seif G, and Johnson E. "Changes in interprofessional attitudes and clinical reasoning following participation in a student-run free medical clinic" Collaborating Across Borders VI Conference: Interprofessional Collaboration: Transformative Change from the Classroom to Practice. Vancouver, Canada. June 2013.
53. Johnson E, Simpson K, Coker-Bolt P, Kraft S, Seif G, and Gonsalves W. "Economic Impact of a Student Run Free Medical Clinic". Collaborating Across Borders VI Conference: Interprofessional Collaboration: Transformative Change from the Classroom to Practice. Accepted Oral Presentation. Vancouver, Canada. June 2013.
54. Kraft S, Seif G, Coker-Bolt P, Simpson K, Johnson E, and Gonsalves W. Innovative Health Care Delivery: How a Student-Run Free Clinic Improved Interprofessionalism, Enhanced Clinical Reasoning, and Saved the Community \$800,000 Through Service Learning. Salt Lake City, Utah. June 2013.
55. Seif G, Kraft S, Coker-Bolt P, Simpson K, Johnson E, and Gonsalves W. Participation in an interprofessional service learning course and a student run free clinic impacts student clinical reasoning as measured by the Self-Assessment of Clinical Reflection and Reasoning

- (SACRR). Accepted poster presentation. APTA Annual Conference. Salt Lake City, Utah. June 2013.
56. Coker-Bolt P, Gonsalves W, Kraft S, Seif G, and Simpson K. "Measurement of Student learning and Economic Impact of a Student Run Free Medical Clinic". American Occupational Therapy Association National Conference and Exposition. San Diego, CA. February 2013.
  57. Cline S, Powell C, Freeman S, Kraft S, Seif G, Coker-Bolt P, Gonsalves W. Collaborative Care: The Community Impact of a Student-Run Free Clinic Combining Medical Care and Therapeutic Rehabilitation" Student Society of Free Medical Clinics Conference. San Antonio TX. January 2013.
  58. Johnson E. "Economic impact of CARES clinical services". MUSC Student Research Day. Faculty Mentors: Coker-Bolt P, Gonsalves W, Kraft S, Seif G, and Simpson K. MUSC. Charleston, SC. November 2012.
  59. Seif GA, Brown D, Annan-Coultas, D. The Use of Educational Technology, Self and Peer Assessment on Student Perception for Clinical Practicums poster presentation at APTA Annual Conference. Tampa, Florida. June 2012.
  60. Seif GA, Brown D, Annan-Coultas, D. Development in Clinical Reasoning Skills of Physical Therapy Students through the Use of Educational Technology poster presentation at APTA Annual Conference. Tampa, Florida. June 2012.
  61. Morrisette DC, Cholewicki J, Seif GA, McGowan S. Efficacy of Extensible and Inextensible Lumbosacral Orthoses in the Management of Low Back Pain SpineweeK 2012 in Rai Amsterdam. May 2012.
  62. Morrisette DC, Seif GA, Cholewicki J. Short-term Effects of An Inextensible Lumbosacral Orthoses accepted for poster presentation at APTA Combined Sections Meeting, New Orleans, February 9-13, 2011.
  63. Morrisette DC, Cholewicki J, Lee AS, Reeves NP, Seif GA. Biomechanical and clinical efficacy of lumbosacral orthoses in the management of low back pain. International Society of Electrophysiology and Kinesiology, XVII Congress. Aalborg, Denmark, June 16-19, 2010.
  64. Seif GA. Differential Diagnosis of a Patient Referred to Physical Therapy: Ankylosing Spondylitis at APTA Annual Conference, Boston, MA. June 16-19, 2010.
  65. McGowan S and Seif GA, Evidence-based Differential Examination of the Glenohumeral Joint: Impingement, Rotator Cuff and Labral Pathologies at peer reviewed conference, The MUSC Sports Medicine Symposium, Charleston, SC. March 20, 2010.

### **Abstracts (that were not presented)**

#### **Non-Peer Reviewed Publications:**

from the most recent to the earliest; provide full bibliographic citation

#### **Non-Peer Reviewed Presentations:**

1. Seif, G. Somewhere Over the Rainbow...there's a place where we can help patients with pain! Neuroscience Course invited guest lecture. October 14, 2019.
2. Seif, G. Physical Therapy and the Patient with Low Back Pain. 1<sup>st</sup> year MUSC medical students. October 10, 2019.
3. Seif, G. Teaching Naked. Apple Tree Society. September 25, 2019.
4. Seif, G. Teaching Portfolios. Pediatric Fellows. May 10, 2019.
5. Seif, G. Somewhere Over the Rainbow...there's a place where we can help patients with pain! Neuroscience Course invited guest lecture, November 15, 2018.
6. Seif G. Use of Technology, Apple Tree Society, July 18, 2017
7. Seif G. Speed Dating: Networking, Apple Tree Society, May 3, 2016

8. Seif G. Beware of the Chair, Living Above the Bar Seminar, SC Bar Association, Charleston, SC, January 23, 2016
9. Seif G. ARROW Promotion Workshop Panel Participant, MUSC ARROW, March 13, 2015
10. Seif G. What's all the fuss about Clickers: Creative Use of Clickers, Apple Tree Society, September 24, 2014
11. Seif G. Teaching Portfolios, Foundations of Teaching and Learning Series, Apple Tree Society, September 18, 2014
12. Seif G. Brain Rules Discussion Club: An interprofessional teaching and learning series 4, Chapters 7-8, Apple Tree Society, September 9, 2014
13. Seif G. IDEA: Best Practices for Teaching, July 2, 2014
14. Seif G. Brain Rules Discussion Club: An interprofessional teaching and learning series 3, Chapter 4-6, MUSC Apple Tree Society, June 23, 2014
15. Seif G. 2014 APTA NEXT Oxford Debate, Charlotte, NC, June 13, 2014
16. Seif G. CARES Elective: Interprofessional presentation to MD, PA, OT, PT, PharmD, MHA students on PT and OT services and the downtown CARES clinic with Dr. Patty Coker-Bolt. March 30, 2015, February 25, 2015, October 1, 2014, April 9, 2014, March 6, 2013, October 17, 2012, November 2, 2011
17. Seif G. Brain Rules Discussion Club: An interprofessional teaching and learning series, Chapters 1-3, MUSC Apple Tree Society, April 8, 2014
18. Seif G. Brain Rules Discussion Club: An interprofessional teaching and learning series, Introduction, MUSC Apple Tree Society, March 5, 201
19. Seif G. Physical Therapy and the Patient with a Musculoskeletal Disorder, Presentation of a Case of a patient with LBP to the 1<sup>st</sup> Year Medical Students and the role of the PT, October 2011-present.
20. Seif G. Blooming Innovations: How to Teach and Study using Questions, Apple Tree Society, August 14, 2013
21. Seif G. Basic Body Mechanics, Berkeley County Nurses, August 15, 2013
22. Seif G. Making a Difference in Learning: A Panel Discussion with MUSC Faculty Recognized for Teaching, Wednesday, February 27, 2013
23. Seif G. Surface Anatomy for the AFN program, August 29, 2012
24. Seif G. What's all the Fuss about Clickers, Presentation to the Radiology Faculty on the use of Clickers for Clinical Cases, June 28, 2012
25. Seif G. Musculoskeletal Screen for the PA, Presentation to the PA students, November 18, 2009

**Funded/In Review Grant Activity:**

**Active**  
**Completed**

1. Seif G, Giles A. PI (\$3500) CARES Therapy Clinic. Dominion Foundation, 2019.
2. Seif G, Gregory C, Sword D, Kraft S. Investigator (\$5500) CARES Biggest Loser. Department of Health Professions Interdivisional/Interdepartmental/Intercollege Seed Grant Program, 2015.
3. Motts J, Bordelon A, Seif G, Kraft S, Coker-Bolt P, Velozo C, Giles A, (\$2500) Investigator. CARES Clinic. YES Family Fund Grant, 2015.
4. Giles A, Annan-Coultas D, Patel S, and Seif G, Investigator, (\$31,000) Converting an E-learning module into a marketable mobile application. Changing What's Possible Through Innovation Technology: E-Learning Innovations, 2015.

5. Giles A, Annan-Coultas D, Patel S, and Seif G, Investigator, (\$10,000) Converting an E-learning module into a marketable mobile application. TACHL: E-Learning Innovations, 2015.
6. Giles A, Annan-Coultas D, Patel S, and Seif G, Investigator, (\$8,000) Converting an E-learning module into a marketable mobile application, Department of Health Professions E-Learning Innovations, 2015.
7. Annan-Coultas D, Kazley A, Carson N, Giles A, and Seif G. Investigator, (\$2125) CHP Educational Technology Journal Club, Valerie West Educational Technology Enhancement Fund, 2014.
8. Kraft S, Seif G, Woodbury M, Giles A, Dean J. Investigator, (\$6,000) CREATOR, MUSC Department of Health Professions Interdivisional/Interdepartmental/Intercollege Seed Grant Program, 2014.
9. Giles A, Annan-Coultas D, and Seif G. Investigator, (\$5450) E-Learning Innovations: Developing and Evaluating the Effectiveness of an Interactive E-Learning Module. MUSC Department of Health Professions Interdivisional/Interdepartmental/Intercollege Seed Grant Program, 2014.
10. Seif G, Coker-Bolt P, Kraft S, Annan-Coultas D, and Wager K. PI (\$5000), iPad Therefore I Can: Assessment of iPads technology at the CARES Therapy clinic. MUSC Department of Health Professions Interdivisional/Interdepartmental/Intercollege Seed Grant Program, 2014.
11. Seif G, Coker-Bolt P, Kraft S, and Annan-Coultas D. PI (\$2500), Physical Therapy/Occupational Therapy CARES Clinic Pilot Project. Becki Trickey Educational Enhancement Fund, 2013.
12. Coker-Bolt P, Gonsalves W, Kraft S, Seif G, and Simpson K. Investigator, (\$15,000) Interprofessional Education at the MUSC: Community Aid, Relief, Education and Support Clinic (CARES) clinic. MUSC Interprofessional Collaboration Grant Opportunity Pilot Project Program, 2011-2012.

### **Other Scholarly Products:**

**Research Activity:** include:  
 authorship  
 nature  
 funding (external, grant, internal)

### **Continuing Education Workshops Organized:**

1. Seif G. Invited: AHEC Examination and Treatment of the Sacroiliac Joint. Walterboro, SC. May 11, 2019.
2. Seif G. Invited: SCAPTA Lowcountry District Meeting: Introduction to Trigger Point Dry Needling and Myofascial Pain Syndrome. Charleston, SC. May 13, 2019.
3. Seif G. Myofascial Pain Syndromes: Upper Extremity, Course Co-coordinator and instructor, Charleston, SC, October 18, 2018.
4. Seif G. Update on the Shoulder to MUSC Neurological Residents, Course Co-coordinator and instructor, Charleston, SC, April 20, 2018.
5. Seif G. Update on the Shoulder Complex, Course Co-coordinator and instructor, Florence, SC, April 21-22, 2018.
6. Seif GA, Kraft S. Forever and Every We Will Never Part Ortho and Neuro Better Together!. SCAPTA Annual Conference, Charleston, SC April 2018.
7. Seif GA, Saladin S. Better Together: Women Helping Women Succeed in Leadership. SCAPTA Annual Conference, Charleston, SC April 2018.

8. Bowman M, Allen A, Hammond S, Seif G. CARES Therapy Clinic: Consistency of Care Improves Patient Outcomes. SCAPTA Annual Conference, Charleston, SC, April 2018
9. Seif, G. Trigger Point Dry Needling, Course Co-coordinator and instructor, Charleston, SC, February 17-18, 2018 and online component
10. Donnelly J, Seif G. Dry Needling: Course 2 Lab Assistant Atlanta, Georgia, March 9-11, 2018, May 5-7, 2017.
11. Seif G and Kraft SV. Reunited and It So Good: Combining Neurologic and Orthopedic Principles, Greenville, SC, April 1, 2017.
12. Timko M and Seif G. Course Coordinator and Lab Assistant Manual Therapy-Evidenced Based Practice Series: Clinical Decision-Making for the "The Lower Body Region". Charleston, SC
  1. August 30-31, 2019
  2. August 24-25, 2018
  3. September 15-16, 2017
  4. September 9-10, 2016
  5. September 6-7, 2015
  6. September 5-6, 2014
  7. August 23-24, 2013
  8. August 10-11, 2012
  9. August 19-20, 2011
  10. February 26-27, 2010

Cincinnati, Ohio

  11. August 30-31, 2019 (remote hybrid online course)
  12. September 22-23, 2018
  13. September 30-October 1, 2017
  14. October 15-16, 2016
13. Timko M and Seif G. Manual Therapy-Evidenced Based Practice Series: Course Coordinator and Lab Assistant with Michael Timko Considerations for the Management of Low Back Pain: "A System of Classification". Charleston, SC
  1. October 23-24, 2019
  2. October 5-6, 2018
  3. December 1-2, 2017
  4. November 18-19, 2016
  5. November 6-7, 2015
  6. November 7-8, 2014
  7. November 8-9, 2013
  8. October 26-27, 2012
  9. October 21-22, 2011
  10. June 4-5, 2010

Cincinnati, Ohio

  1. October 23-24, 2019 (remote hybrid online course)
  2. October 27-28, 2018
  3. November 11-12, 2017
  4. December 3-4, 2016
14. Timko M and Seif G. Course Coordinator and Lab Assistant Manual Therapy-Evidenced Based Practice Series: Clinical Decision-Making for the "The Upper Body Region". Charleston, SC
  1. January 22-23, 2020
  2. February 1-2, 2019
  3. January 20-21, 2018

4. February 3-4, 2017
5. February 5-6, 2016
6. February 27-28, 2015
7. February 28-March 1, 2014
8. February 21-22, 2013
9. January 27-28, 2012
10. September 17-18, 2010

Cincinnati, Ohio

1. January 22-23, 2020 (remote hybrid online course)
2. January 19-20, 2019
3. January 27-28, 2018
4. March 4-5, 2017

15. Timko M and Seif G. Course Coordinator and Lab Assistant Manual Therapy-Evidenced Based Practice Series: Considerations for the Management of Neck Pain: "Biomechanical Assessment of the Cervical Spine".

Charleston, SC

1. April 24-25, 2020 (online course 2<sup>nd</sup> to Covid19)
2. April 5-6, 2019
3. March 23-24, 2018
4. April 7-8, 2017
5. April 8-9, 2016
6. April 24-25, 2015
7. April 25-26, 2014
8. March 22-23, 2013
9. April 27-28, 2012
10. November 12-13, 2010

Cincinnati, Ohio

1. April 24-25, 2020 (online course 2<sup>nd</sup> to Covid19)
2. April 27-28, 2019
3. April 7-8, 2018
4. April 28-29, 2017

16. Timko M and Seif G. Course Coordinator and Lab Assistant Manual Therapy-Evidenced Based Practice Series: Certification Review and Testing

Charleston, SC

1. June 2-3, 2018
2. May 20-21, 2017
3. July 16-17, 2016
4. June 19-20, 2015
5. July 11-12, 2014
6. June 7-8, 2013
7. June 1-2, 2012
8. June 24-25, 2011

Cincinnati, Ohio

1. July 27-28, 2018
2. August 12-13, 2017

17. Seif G. SCAPTA Upstate District Meeting, Functional Limitations Reporting and SCAPTA Update, Columbia, SC, April 9, 2013.

18. McGowan S, Seif G, and Morrisette D. Evidence-based Differential Examination of the Glenohumeral Joint: Impingement, Rotator Cuff, and Labral Pathologies, MUSC Sports Medicine Symposium. Charleston, SC March 20, 2010.

19. Morrisette D and Seif G, McGowan S. The Patient with Rotator Cuff or Labral Dysfunction: An Evidence-based Approach to Conservative Management, MUSC Sports Medicine Symposium, Charleston, SC, March 20, 2010.
20. Seif G. Chronic Back Pain, SCAPTA: Lowcountry District, Charleston, SC, February 25, 2008.
21. Morrisette D and Seif G. Physical Therapy Examination and Treatment of Cervical and Thoracic Spine Disorders with an Emphasis on Diagnosis and Intervention through Manual Therapy and Exercise Cincinnati, Ohio, January 27-28, 2006.
22. Morrisette D and Seif G. Physical Therapy Management of Thoracic, Lumbar, and Pelvic Girdle Dysfunction with an Emphasis on Clinical Reasoning, Manual Therapy, and Exercise Cincinnati, Ohio, November 12 – 14, 2004.
23. Morrisette D and Seif G. Physical Therapy Examination and Treatment of the Cervical Spine. West Virginia Physical Therapy Association, Morgantown, West Virginia, August 6 and 7, 2002.
24. Morrisette D and Seif G. Manual Therapy of the Cervical Spine for Master level Physical Therapy students at The Medical University of South Carolina, Charleston, South Carolina, 1997.

### **Membership in Scientific/Professional Organizations:**

American Physical Therapy Association  
 Orthopedic Section  
 Education Section  
 APTA PAC SC Liaison: 2017-present

South Carolina American Physical Therapy Association  
 President: 2012-2016  
 SC Delegate to the APTA House of Delegates: 2011-2016  
 President-Elect: 2011-2012  
 Chair of the Programs Committee: 2011-2014  
 Member of Programs Committee: 2014-present  
 Member of the SCAPTA Moving Forward 5K Committee: 2015-present  
 Chair of the Dry Needling Task Force: 2015-present  
 Nominating Committee, 2010  
 Member of Board of Directors 2006-2010  
 SCAPTA/APTA Federal Affairs Liaison 2007-2010  
 Newsletter Chair 2000-2006  
 Chair of POPTs Committee 2003  
 Annual Conference Committee 1994

Fellow Member of the American Academy of Orthopedic Manual Physical Therapists (AAOMPT) current

### **Consultative and Advisory Positions Held**

#### **Community Service:**

1. Physical Therapist Faculty Advisor to the CARES PT/OT Clinic, 2010-present.
2. Physical Therapist Volunteer at CARES PT/OT Clinic, 2005-present.
3. Chair of Donations Committee for the Lowcountry Splash Benefits Logan Rutledge Foundation, 2003 and 2004.
4. Vice President Palmetto Masters swim team, 2005- 2009.

5. President of Palmetto Masters, 1998-2005.
6. Mentor for High School Student at The Academic Magnet School, School year 1999-2000.

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

1. College of Health Professions, Innovative Online Lab Teaching Work Group, Chair, April 2020.
2. College of Health Professions, Faculty Assembly Chair-elect, August 2019-August 2020.
3. College of Health Professions, Faculty Assembly Secretary, August 2018-August 2019.
4. College of Health Professions, Staff Awards and Recognition Committee, August 2018-2020.
5. College of Health Professions, OT Faculty Search Committee, 2018.
6. Medical University of South Carolina, University Strategic Planning Committee Model Classroom, Subcommittee Chair on the committee for educational technology, 2016-2018.
7. College of Health Professions, IA Task Force, 2016.
8. College of Health Professions, Faculty Assembly Secretary, August 2015-August 2016.
9. College of Health Professions, Division of Physical Therapy Outcomes Committee, 2008 to present, Chair 2017-present.
10. College of Health Professions, Scholarship Committee, January 2015-present.
11. College of Health Professions, Strategic Planning Work Group #6, Chair, April 2015-April 2016.
12. College of Health Professions, Space Utilization Task Force, Chair, December 2014-February 2015.
13. Medical University of South Carolina, ARROW Monthly Leadership Newsletter, Co-Chair, 2014-Present.
14. College of Health Professions, Faculty Practice Task Force, 2013-present.
15. College of Health Professions, Interim Review Committee, 2013-Spring 2014.
16. College of Health Professions, Educational Technology Committee, 2011-Present.
17. College of Health Professions, Secretary Faculty Assembly, 2011-2013.
18. College of Health Professions, Faculty representative of CHP Staff Awards and Recognition Committee, 2009-2013 and 2017-present.
19. College of Health Professions, Awards Committee Chair/Faculty Council, 2009-2011.
20. College of Health Professions, Newsletter Liaison/CHP Reporter for PT Division, 2009-2010.
21. College of Health Professions, Reunion Committee, 2009-2010.
22. College of Health Professions, Shared Server Task Force, 2009.

**Honors and Awards:**

Nominated for the MUSC College of Health Professions Teaching Award 2019

**Awarded the MUSC Health Sciences Foundation Teaching Excellence Award for Educator Lecturer Clinical Professional 2018**

Nominated for the MUSC Health Sciences Foundation Teaching Excellence Award for Educator Mentor-Clinical Professional 2017

**Awarded the South Carolina Chapter of the APTA 2016 Emily Cate Service Award**

Nominated for the MUSC Health Sciences Foundation Teaching Excellence Award for Educator Mentor-Clinical Professional 2016

**Awarded the SC Commission on Higher Education-Service Learning Award 2015**

**Awarded the MUSC College of Health Professions Service Award 2014** (4 nominations)

Nominated for the MUSC College of Health Professions Teaching Award 2014 (5 nominations)

**Awarded MUSC Health Sciences Foundation Teaching Excellence Award for Developing Teacher of the Year, 2011-2012**

Nominated for Developing Teacher of the Year Medical University of South Carolina, 2009-2010

Nominated for Instructor of the Year College of Health Professions, 2008, 2009, 2010

Nominated for Clinical Instructor of the Year, 2003

**Continuing Education Attended:** list only courses taken **within the last 5 years** that are **specifically related** to responsibilities in the entry-level program.

1. Síndrome de Dolor Miofascial y Puntos Gatillo Miofasciales: 20 Años de Evolución, Madrid Spain, March 6-7, 2020, 1.6 CEU.
2. 2020 Combined Sections Meeting of the APTA, Denver, Colorado February 15, 2020, 1.6 CEU.
3. SCAPTA Advocacy Day 2020, February 5, 2020, 0.3 CEU.
4. 2019 AAOMPT Annual Conference, October 23-27, 2019, 1.7 CEU.
5. CoHSTAR Implementation Science Institute, May 1-2, 2019, Providence, RI, May 1-2, 2019.
6. 2019 Combined Sections Meeting of the APTA, Washington DC, January 23-26, 2019, 0.7 CEU.
7. 2018 AAOMPT Annual Conference, November 7-10, 2018, Reno, NV, 1.28 CEU.
8. Examination and Management Techniques for Headaches, Instructor: César Fernández de las Peñas, PT, MSc, PhD, September 7, 2018, Atlanta, Georgia, 0.4 CEU.
9. 2018 Combined Sections Meeting of the APTA, February 22-25, 2018, New Orleans, LA, 1.9 CEU.
10. ISPI Therapeutic Neuroscience Education: Online September 4, 2017- October 14, 2017, 19.5 CEU.
11. Neurodynamics 1: Online, October 16, 2017- November 4, 2017, 0.7 CEU.
12. Too Hot to Handle: Online, October 16, 2017- November 4, 2017, 0.7 CEU.
13. Neurodynamics 2: Online, November 6, 2017-November 25, 2017, 0.7 CEU.
14. Everything Hurts: Online, November 6, 2017-November 25, 2017, 0.7 CEU.
15. TNE, Too hot to Handle, Neurodynamics Online Lab, November 6, 2017- November 25, 2017, 2.1 CEU.
16. Perioperative Neuroscience Education: Online, November 27, 2017-December 16, 2017, 0.7 CEU.
17. Business of Chronic Pain: Online, November 27, 2017-December 16, 2017, 0.7 CEU.
18. Focus on Function: Changing Pain Related Behavior, December 2- December 3, 2017, Greenville, SC, 1.5 CEU.
19. 2017 AAOMPT Annual Conference, October 18-22, 2017, Salt Lake City, UT, 2.75 CEU.
20. ISPI Clinical Conference 2017: Neuroplasticity, June 9-11, 2017, Minneapolis, MN, 2.0 CEU.
21. 2017 Combined Sections Meeting of the APTA, February 15-18, 2017, San Antonio, TX, 1.9 CEU.
22. 2016 AAOMPT Annual Conference, October 27-28, 2016, St. Louis, Missouri, 1.8 CEU.
23. SFMA, August 26-27, 2016, Charleston, SC, 1.6 CEU.
24. 2016 APTA NEXT Conference, Nashville, TN, June 4-11, 2016, 2.1 CEU.
25. 2016 SCAPTA Annual Conference, Charleston, SC, May 6-7, 2016, 1.6 CEU.
26. Dry Needling: Course 2, Joe Donnelly, PT, OCS, Atlanta, Georgia, April 29-May 1, 2016, 2.5 CEU.
27. Dry Needling: Course 1, Joe Donnelly, PT, OCS, Atlanta, Georgia, March 11-13, 2016, 2.5 CEU.
28. AAOMPT 2015 Annual Conference, Louisville, KY, October 23-25, 2015, 1.808 CEU.
29. 2015 APTA Combined Sections Meeting, Indianapolis, IN, February 3-8, 2015, 2.0 CEU.

30. 2015 SCAPTA Annual Conference, Greenville, SC, May 1-2, 2015, 1.6 CEU.
31. 2015 APTA NEXT Conference, National Harbor, MD, May 31 –June 6, 2015, 2.1 CEU.
32. 2014 AAOMPT Annual Conference, San Antonio, TX, October 23-27, 2014, 1.775 CEU.
33. 2014 APTA NEXT Conference, Charlotte, NC, June 7-14, 2014, 2.1 CEU.
34. 2014 MUSC SCTR Pain Research Retreat, Charleston, SC, May 23, 2014, 0.30 CEU.
35. 2014 SCAPTA Annual Conference, Charleston, SC, March 28-30, 2014.
36. 2014 APTA Combined Sections Meeting, Las Vegas, NV, February 4-6, 2014, 1.9 CEU.
37. 2013 NSC Conference, Louisville, KY, October 24-26, 2013.
38. 2013 AAOMPT Conference, Cincinnati, Ohio, October 17-20, 2013, 1.725 CEU.
39. 2013 APTA Annual Conference, Salt Lake City, UT, June 22-29, 2013, 2.0 CEU.

### **Faculty and Teaching Development:**

1. Take it from TED: Three tricks for better lectures (1 hour), Marie Norman and Michael Bridges, Apple Tree, October 30, 2018.
2. CHP Moodle and Panopto Drop In May 2, 2017.
3. Apple Tree Society: Getting started with Panopto (1 hour) April 11, 2017.
4. CHP Book Club: How Learning Works
  1. October 3, 2016
  2. June 21, 2016
  3. May 26, 2016
  4. April 25, 2016
  5. March 24, 2016
  6. February 3, 2016
  7. October 15, 2015
5. Apple Tree Society: Evidence Based Teaching: Applying the Science of Learning (1 hour) December 1, 2015.
6. Apple Tree Society: Giving Effective Feedback (1 hour) November 19, 2015.
7. Online Learning Panel: Nursing Faculty, July 9, 2015.
8. Apple Tree Society: Rubrics Part 2, March 31, 2015.
9. CHP: Educational Technology Journal Club Series
  1. October 8, 2014,
  2. November 17, 2014,
  3. February 9, 2015,
  4. April 9, 2015
  5. June 24, 2015
  6. September 23, 2015
  7. October 12, 2015
  8. February 3, 2016
  9. March 24, 2016
10. Apple Tree Society: Online Teaching Series: What is Effective? September 22, 2014 (1 hour).
11. SCTR's Core Clinical Research Training Course, Completed March 2014.
12. Apple Tree Teaching as Research Series
  1. Session 2: July 10, 2013: Designing your Dream Educational Study (1 hour)
  2. Session 3: August 5, 2013: Writing and Publishing Your Study (1 hour)
13. Apple Tree Foundations in Teaching and Learning-A Series for Educators
  1. Session 1: February 14, 2013: Getting ready to teach (1 hour)
  2. Session 2: March 6, 2013: Instructional Design (1 hour)
  3. Session 3: March 25, 2013: Teaching Methods (1 hour)
  4. Session 4: April 16, 2013: Assessment (1 hour)
  5. Session 5: May 6, 2013: Assessment 2 (1 hour)

- i. Session 6: June 5, 2013: Assembling your teaching portfolio (1 hour)
14. The MUSC Women Scholars Initiative (WSI) intensive career development workshop for early and mid-career women faculty. It included small-group interactive sessions on topics such as Building Your Mentoring Team; Promotion & Tenure Planning; Networking and Communicating; Effective Meetings; Time Management; Conflict Resolution; Establishing Collaborations; Negotiating Skills; Effective CVs, Recommendation Letters, and Personal Statements; Marketing Oneself; Stress Management; Work-Life Integration; and Message Mapping. Charleston, SC, February 11-12, 2013.
15. Use of iPads in Higher Education Webinar, July 31, 2012.
16. Apple Tree Society, Apps for Education, July 17, 2012.
17. Apple Tree Society, How My Department SAVED \$25,000 Using Moodle, January 18, 2012.
18. Participated in 6-month Interprofessional Faculty Development Institute, MUSC C3 Creating Collaborative Care, Spring 2010.
19. BATS: Basic Academic Teaching Strategies, Nine weekly 2-hour course for introduction into teaching in higher education at an academic medical school, Charleston, SC, January – March 2009.

**Current Teaching Responsibilities in the Entry-level Physical Therapy Program (in sequence, by quarter or semester):**

1. Instructor: Faculty at The Medical University of South Carolina, instructor and course coordinator for Manual Therapy Elective for Doctorate level Physical Therapy students Charleston, South Carolina, Spring and Fall Semesters 2015 to present
2. Instructor: Faculty at The Medical University of South Carolina, instructor and course coordinator for Dry Needling Elective for Doctorate level Physical Therapy students, Charleston, South Carolina, Spring Semester 2016 to present.
3. Instructor: Faculty at The Medical University of South Carolina, instructor of Musculoskeletal III (Spine) Lab for Doctorate level Physical Therapy students, Charleston, South Carolina, Summer Semester 2008-Present.
4. Instructor: Faculty at The Medical University of South Carolina, instructor of Surface Anatomy course for Doctorate level Physical Therapy students, Charleston, South Carolina, Summer 2008-Present.
5. Instructor: Faculty at The Medical University of South Carolina, instructor of Musculoskeletal II (Upper Quarter) Lab for Doctorate level Physical Therapy students, Charleston, South Carolina, Spring 2012-present.
6. Instructor: Faculty at The Medical University of South Carolina, instructor of Musculoskeletal I (Lower Quarter) Lab for Doctorate level Physical Therapy students, Charleston, South Carolina, Fall 2011-Present.
7. Instructor: Faculty at The Medical University of South Carolina, instructor of Clinical Reasoning and Practice for Doctorate level Physical Therapy students, Charleston, South Carolina, Fall 2008-present.