

CURRICULUM VITAE

Claudia Senesac
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Education:

2006	University of Florida, Gainesville, Florida, Rehabilitation Science	PhD
2001	University of Florida, Gainesville, Florida Motor Control/Learning	Health Science MHS
1979	University of Florida, Gainesville, Florida, Physical Therapy,	BS
1976	Santa Fe Community College, Gainesville, Florida	AA

Licensure Information:

Florida Physical Therapy Licensed.

Certifications:

2016	Board Certified Pediatric Clinical Specialist, American Board of Physical Therapy Specialties
2008	Board Certified Pediatric Clinical Specialist, American Board of Physical Therapy Specialties
1998	Board Certified Pediatric Clinical Specialist, American Board of Physical Therapy Specialties
1992	Certified in Perceptomotor Organization, Advanced Baby Course, Gainesville, Florida
1984	Certified in Neuro-Developmental Treatment, 3 week Baby Course, Cuernavaca, Mexico
1983	Training at the Bobath Center, 2 week intensive course, London, England
1982	Certified in Neuro-Developmental Treatment, 8 week Course, Little Rock, Arkansas

Employment and Positions Held:

July 2012-present	Clinical Associate Professor (non-tenure), University of Florida, Gainesville, FL.
2007-2012	Clinical Assistant Professor (non-tenure), University of Florida, Gainesville, FL.
2003-2007	Lecturer, Department of Physical Therapy, University of Florida, Gainesville, FL
1984 to present	Owner, Private Pediatric Physical Therapy Practice, -KIDS ON THE MOVE- Claudia Senesac, Gainesville, FL.
1983 to 1984	Self-employed, Pediatric Private Practice, Gainesville, FL.
1981 to present	Consultant to Neonatal Developmental Follow-up Program, Developmental Evaluation and Intervention Program, Department of Pediatrics: Early Steps, University of Florida, Gainesville, FL
1980 to 1983	Full time PT Consultant, Children's Medical Services, Department of HRS, District III, Gainesville, FL.
1979 to 2003	Adjunct Faculty, Department of Physical Therapy, University of Florida, Gainesville, FL
1979 to 1980	Staff PT, Pediatric/Neurology Team, Shands Teaching Hospital, Gainesville, Florida

Peer Reviewed Publications:

1. Willcocks RJ, Rooney WD, Triplett WT, Forbes SC, Lott DJ, Senesac CR, Daniels MJ, Wang DJ, Harrington AT, Tennekoon GI, Russman BS, Finanger EL, Byrne BJ, Finkel RS, Walter GA, Sweeney HL, Vandenberg K. Multicenter prospective longitudinal study of magnetic resonance biomarkers in a large duchenne muscular dystrophy cohort. *Ann Neurol.* 2016 Apr;79(4):535-47. doi: 10.1002/ana.24599. Epub 2016 Feb 19. PubMed PMID: 26891991.
2. Senesac CR, Lott DJ, Forbes SC, Mathur S, Arpan S, Senesac ES, Walter GA, Vandenberg K.

- Longitudinal Evaluation of Muscle Composition using Magnetic Resonance in 4 Boys with Duchenne Muscular Dystrophy: A Case Series. *Phys Ther* 2015 Jul;95(7):978-88. doi: 10.2522/ptj.20140234. Epub 2015 Jan 15.
3. KVandenborne, Sunita Mathur, **Claudia Senesac**, Jasjit Deol, Sean Germain, Roxanna Bendixen, Ravneet, Lee Sweeney, Glenn Walter, Sean Forbes. Magnetic resonance imaging assessment of hypertrophic and pseudo-hypertrophic changes in lower leg muscles of boys with Duchenne muscular dystrophy and their relationship to functional measurements. *PLOS ONE*- **PONE-D-14-51328R2 - [EMID:83005979513d8ef7]** 2015 May
 4. Willcocks, R, Forbes SC, Triplett WT, Arpan I, Baligand C, Lott DJ, **Senesac CR**, Daniels MJ, Rooney WD, Walter GA, Sweeney L, Vandenborne K. Response to "Global T2 versus water T2 in NMR imaging of fatty infiltrated muscles: Different methodology, different information, and different implications". *Neuromuscul Disord*. 2014 Dec;24(12):1120-1. doi: 10.1016/j.nmd.2014.07.002. Epub 2014 Jul 2.
 5. Forbes SC, Willcocks RJ, Triplett WT, Rooney WD, Lott DJ, Wang DJ, Pollaro J, **Senesac CR**, Daniels MJ, Finkel RS, Russman BS, Byrne BJ, Finanger EL, Tennekoon GI, Walter GA, Sweeney HL, Vandenborne K. Magnetic resonance Imaging and Spectroscopy Assessment of Lower Extremity Skeletal Muscles in Boys with Duchenne Muscular Dystrophy: A Multicenter Cross Sectional Study. *PLoS One*. 2014 Sep 9;9(9):e106435. doi: 10.1371/journal.pone.0106435. eCollection 2014.
 6. Arpan I, Willcocks RJ, Forbes S, Finkel RS, Lott DJ, Rooney WD, Triplett WT, **Senesac CR**, Daniels MJ, Byrne BJ, Finanger EL, Russman BS, Wang DJ, Tennekoon GI, Walter GA, Sweeney HL, Vandenborne K. Examination of Effects of Corticosteroids on Skeletal Muscles of Boys with DMD using MRI and MRS. *Neurology*. 2014 Sep 9;83(11):974-80.
 7. Lott DJ, Forbes SC, Mathur S, Germain SA, **Senesac CR**, Lee Sweeney H, Walter GA, Vandenborne K. Assessment of intramuscular lipid and metabolites of the lower leg using magnetic resonance spectroscopy in boys with Duchenne muscular dystrophy. *Neuromuscul Disord*. 2014 Jul;24(7):574-82.
 8. Vohra RS, Lott D, Mathur S, **Senesac C**, Deol J, Germain S, Bendixen R, Forbes SC, Sweeney HL, Walter GA, Vandenborne K. Magnetic Resonance Assessment of Hypertrophic and Pseudo-Hypertrophic Changes in Lower Leg Muscles of Boys with Duchenne Muscular Dystrophy and Their Relationship to Functional Measurements. *PLoS One*. 2015 Jun 23;10(6):e0128915. doi: 10.1371/journal.pone.0128915. eCollection 2015. PubMed PMID: 26103164; PubMed Central PMCID: PMC4477876.
 9. Willcocks RJ, Arpan IA, Forbes SC, Lott DJ, **Senesac CR**, Senesac E, Deol J, Triplett W, Baligand C, Daniels MJ, Sweeney HL, Walter GA. Longitudinal measurements of MRI-T₂ in boys with Duchenne muscular dystrophy: Effects of age and disease progression. *Neuromuscul Disord*. 2014 May;24(5):393-401.
 10. Bendixen; Lott; Senesac; Mathur; Vandenborne. Participation in daily life activities and its relationship to strength and functional measures in boys with Duchenne muscular dystrophy. *Disabil Rehabil*. 2014;36(22):1918-23.
 11. Forbes SC, Walter GA, Rooney WD, Wang DJ, DeVos S, Pollaro J, Triplett W, Lott DJ, Willcocks R, **Senesac C**, Daniels MJ, Byrne BJ, Russman B, Finkel RS, JS, H. Lee Sweeney HL, Vandenborne K. Skeletal Muscles of Ambulant Children with Duchenne Muscular Dystrophy: Validation of Multicenter Study of Evaluation with MR Imaging and MR Spectroscopy. *Radiology*. 2013 Oct;269(1):198-207.
 12. Arpan I, Forbes SC, Lott DJ, **Senesac CR**, Daniels MJ, Triplett WT, Deol JK, Sweeney HL, Walter GA, Vandenborne K. T(2) mapping provides multiple approaches for the characterization of muscle involvement in neuromuscular diseases: a cross-sectional study of lower leg muscles in 5-15-year-old boys with Duchenne muscular dystrophy. *NMR Biomed*, 2013 Mar;26(3):320-8.
 13. Forbes SC, Lott DJ, Finkel RS, **Senesac C**, Byrne BJ, Sweeney HL, Walter GA, Vandenborne K. MRI/MRS evaluation of a female carrier of Duchenne muscular dystrophy. *Neuromuscul Disord*. 2012 Oct 1;22 Suppl 2:S111-21. doi:10.1016/j.nmd.2012.05.013.
 14. Bendixen R, **Senesac C**, Lott D, Vandenborne K. Participation and Quality of Life in Children with Duchenne muscular dystrophy using the international classification of functioning, disability, and health. *Health and Quality of Life Outcomes* 2012, 10:43
 15. **Senesac C.**, Barbara Bour. Clinical Bottom Line: Clinical Instructors' Perspectives: What Should We Be Teaching in Pediatrics? *Pediatric Physical Therapy* 24(2): Summer 2012.

16. **Senesac C.**, Barbara Bour. Clinical Bottom Line: Conservative Treatment of Clubfoot Using Modified Copenhagen Method. 24(1): Pediatric Physical Therapy 24(1):Spring 2012.
17. Akima H, Lott D, **Senesac C**, Deol J, Germain S, Arpan I, Bendixen R, Sweeney HL, Walter G, Vandeborne K. Relationships of thigh muscle contractile and non-contractile tissue with function, strength, and age in boys with Duchenne muscular dystrophy. *Neuromuscul Disord*. 2012 Jan;22(1):16-25.
18. **Senesac C**, Lammers J, Algood C. Clinical Bottom Line: Weight-Bearing with Maximal Abduction and Extension Improves Hip Stability in Non-Ambulant Children with Cerebral Palsy. *Pediatric Physical Therapy* 23(2): Summer 2011.
19. Knott, K; **Senesac CR**. Book Review: *Physiotherapy and Occupational Therapy for People with Cerebral Palsy*. Edited by: Dodd KJ, Imms D, Taylor NF published by: Mac Keith Press 2010. *Pediatric Physical Therapy* 22(3):338-340, Fall 2010.
20. Mathur S, Lott DJ, **Senesac C**, Germain SA, Vohra RS, Sweeney HL, Walter GA, Vandeborne K. Age-related differences in lower-limb muscle cross-sectional area and torque production in boys with Duchenne muscular dystrophy. *Arch Phys Med Rehabil*. 2010 Jul;91(7):1051-8.
21. Fox EJ, Tester NJ, Phadke CP, Nair PM, **Senesac CR**, Howland D, Behrman AL. Ongoing walking recovery 2 years after locomotor training in a child with severe incomplete spinal cord injury. *Phys Ther* 2010 May; 90(5):793-802. Epub 2010 Mar 18.
22. **Senesac CR**, Sandra Davis, Lorie Richards. Generalization of a Modified Form of Repetitive Rhythmic Bilateral Training in Stroke. *Hum Mov Sci*. 2010 Feb;29(1):137-48. Epub 2009 Nov.
23. Woodbury, ML, Howland, D, McGuirk, TE, Davis, SB, **Senesac CR**, Kautz,S, Richards, LG. Effects of trunk restraint combined with intensive task-practice on post-stroke upper extremity reach and function: a pilot study. *Neurorehabil Neural Repair*. 2009 Jan;23(1):78-91. Epub 2008 Sep 23
24. Richards L, **Senesac CR**, Woodbury M, Howland , Davis S, Patterson T. Response to intensive motor therapy by individuals with ataxia from stroke. *Top Stroke Rehabil*. 2008 May-Jun;15(3):262-71.
25. Behrman AL, Nair PM, Bowden MG, Hauser M, Herget BR, Martin JB, Phadke CP, Reier PJ, **Senesac CR**, Thompson FJ, Howland DR. Locomotor training restores walking in a non-ambulatory child with severe, chronic, cervical spinal cord injury. *Physical Therapy Journal* 88:5:580-590 2008.
26. Richards LG, Stewart KC, Woodbury ML, **Senesac CR**, Cauraugh J. Movement-Dependent Stroke Recovery: A Systematic Review and Meta-Analysis of TMS and fMRI Evidence. *Neuropsychologia* 46(1):3-11:Jan. 15, 2008.
27. Richards L, **Senesac CR**, Davis S, Woodbury M, Nadeau S: Bilateral Arm Training with Rhythmic Auditory Cueing (BATRAC) in Chronic Stroke: Not Always Efficacious. *Neurorehabilitation and Neural Repair*. 22:2:80-4 2008.
28. Andrea L Behrman, PhD, PT; Preeti M Nair; Mark G Bowden; Benjamin R Herget; ChetanP Phadke; **Senesac CR**; Jennifer B Martin; Floyd J Thompson; Paul J Reier; Dena R Howland: Training Restores Walking in the Absence of Isolated Voluntary Leg Movement following Severe, Chronic Pediatric Spinal Cord Injury. *The Lancet Neurology* 2006.
29. Brunt D, Woo R, Kim HD, Ko MS, **Senesac CR**, and Li S: The effect of Botulinum Toxin Type A on gait of children who are idiopathic toe-walkers: A pilot study. *J Surg Orthop Adv*. 2004 Fall;13(3):149-55
30. Mehn MA, **Senesac CR**, Reiss JG, Nackashi J: Polaroid Photographs Serve as Valuable Clinical Tools, *Communique*, June 1989.

Books:

1. **Senesac CR**, Bishop M: Finley's Interactive Cadaveric Dissectors Guide. Published by Jones and Bartlett ©2010.

Book Chapters:

1. Guevera, A, **Senesac, CR**: The Role of Physical Therapy in Adolescent Idiopathic Scoliosis. Fisk JR, Lonstein JE, Malas BS eds. *The Atlas of Spinal Orthotics*, Exceed Worldwide, www.exceed-worldwide.org/atlas-of-spinal-orthotics 2017.
2. **Senesac,CR**. *Supporting Infant and Early Childhood Mental Health in Physical Therapy. Therapeutic Practitioner Resources*. Florida State University Center for Prevention and Early Intervention Policy.

Early Childhood Health Optimaization. Therapy Brief 4 (2016). Available on line at:

http://cpeip.fsu.edu/mma/therapist/therapist_resources.cfm#therapistbriefs

3. Foss,J.,Senesac,CR., Ferraro,LA. *Interprofessional Teams Supporting Infant and Early Childhood Mental Health..Therapeutic Practitioner Resources. Florida State University Center for Prevention and Early Intervention Policy. Early Childhood Health Optimatiztion. Therapy Brief 5* (2016). Available on line at: http://cpeip.fsu.edu/mma/therapist/therapist_resources.cfm#therapistbriefs
4. Senesac C: Management of Clinical Problems of Children with Cerebral Palsy, Darcy Umphred and Margaret Roller, eds. Umphred's Neurological Rehabilitation, 6th edition, Elsevier, © 2013.
5. Senesac C: Pediatric Documentation: Chapter 10, in Shamus and Sterns, eds. Effective Documentation for Physical Therapy Professionals 2nd edition, McGraw Hill, 2011.
6. Senesac C: Cerebral Palsy, Darcy Umphred and Margaret Roller, eds. Neurological Rehabilitation, 5th edition, Elsevier, 2011
7. Senesac C, et al: Compendium for Teaching Professional Level Pediatric Content. Pediatric Section of the APTA. 2007.
8. Nelson C, Senesac C., Management of Clinical Problems of Children with Cerebral Palsy, Darcy Umphred and Margaret Roller, eds. Neurological Rehabilitation, 5th edition, Elsevier, 2007
9. Senesac C: Pediatric Documentation Chapter 10, in Shamus and Sterns, eds. Effective Documentation for Physical Therapy Professionals, McGraw Hill, 2003.
10. Senesac C: Motor Control Theories - A Review, in Training for Occupational and Physical Therapy Services in Early Intervention, The Florida Developmental Disabilities Planning Council and the Florida Department of Education, University of Florida, 2000.

Teaching/Training DVD's and Streaming Video

- Introduction to Soft Tissue Mobilization, Claudia Senesac, P.T., Barbara J. Bour, P.T., Clinicians View Seminar Series, 2008.
- Introduction to Soft Tissue Mobilization, Claudia Senesac, P.T., Barbara J. Bour, P.T., Clinicians View Seminar Series, 1994.
- Congenital Torticollis, Part I & II, Claudia Senesac, P.T., Clinicians View, 1994.
- Soft Tissue Mobilization for Children with Neuro-Motor Disorders, Part I & II,, Claudia Senesac, P.T., Clinicians View, 1993.
- Instant Photographs - Physical Therapy Teaching Tools [videotape]. Claudia Senesac, P.T., Mary Ann Mehn, Ph.D., John G. Reiss, Ph.D., (1984), Gainesville, FL.: Children's Developmental Services, University of Florida, Department of Pediatrics, Division of Neonatology.

Peer Reviewed Scientific and Professional Presentations:

1. Physical Therapy Hands on Workshop: Chair of session and presenter: Claudia Senesac, Laura Case, Leslie Vogel,Tina Duong: PPMD National conference, Orlando FL, June 26-29, 2016.
2. Arora H, Willcocks RJ, Forbes SC, Rooney WD, Lott DJ, Senesac CR, Zilke KL, Harrington AT, Wang DJ, Tennekoon GI, Finanger EL, Russman BS, Finkel RS, Triplett WT, Byrne BJ, Sweeney HL, Walter GA, Vandeborne K. Relationship between MR measures of muscle quality and functional ability in the upper extremity of boys with Duchenne Muscular Dystrophy. Parent Project Muscular Dystrophy's Annual Connect Conference. Orlando, Florida. June 26-29, 2016.
3. Willcocks RJ, Finanger ER, Senesac CR, Lott DJ, Finkel, RS, Tennekoon, GI, Byrne, BJ, Russman, BS, Vandeborne K. Fractures, supplements, and bisphosphonates: A retrospective review of boys with Duchenne Muscular Dystrophy enrolled in ImagingDMD. Parent Project Muscular Dystrophy's Annual Connect Conference. Orlando, Florida. June 26-29, 2016.
4. Alabasi U, Willcocks RJ, Forbes SC, Triplett WT, Rooney WD, Wang DJ, Lott DJ, Senesac CR, Finkel RS, Tennekoon GI, Finanger EL, Russman BS, Byrne BJ, Walter GA, Sweeney HL, Vandeborne K. Obesity Impact on Disease Progression in Boys with Duchenne Muscular Dystrophy Over 1-year Period. 29th Annual PHHP Research Day. Gainesville, Florida. April 13, 2016.
5. Arora H, Willcocks RJ, Lott DJ, Senesac CR, Forbes SC, Rooney WD, Walter GA, Vandeborne K. MR - Quantitative Measures to Study Arm Involvement in Boys with DMD. 29th Annual PHHP Research Day. Gainesville, Florida. April 13, 2016.

6. Barnard AM, Willcocks RJ, Finanger, EL, Triplett WT, Rooney WD, Lott DJ, Wang DJ, Senesac CR, Forbes SC, Tokay-Harrington AT, Daniels MJ, Finkel RS, Russman BS, Byrne BJ, Tennekoon GI, Glenn GA, Sweeney HL, Vandeborne K. Muscle Magnetic Resonance Measures Correlate with Functional Ability in DMD. 29th Annual PPHP Research Day. Gainesville, Florida. April 13, 2016.
7. Arora H, Willcocks RJ, Lott DJ, Senesac CR, Forbes SC, Rooney WD, Walter GA, Vandeborne K. Correlation of MRI and MRS with Performance of Upper Limb Functional Test in Boys with Duchenne Muscular Dystrophy. 11th Annual Neuromuscular Plasticity Symposium. Gainesville, Florida. March 11, 2016.
8. Barnard AM, Willcocks RJ, Finanger, EL, Triplett WT, Rooney WD, Lott DJ, Wang DJ, Senesac CR, Forbes SC, Tokay-Harrington AT, Daniels MJ, Finkel RS, Russman BS, Byrne BJ, Tennekoon GI, Glenn GA, Sweeney HL, Vandeborne K. Skeletal muscle magnetic resonance measures are linked to function and sentinel events in Duchenne muscular dystrophy. 11th Annual Neuromuscular Plasticity Symposium. Gainesville, FL. March 11, 2016.
9. Lee-McMullen BA, Chrzanowski SM, Vohra R, Willcocks R, Cunkle H, Powers C, Baligand C, Triplett W, Forbes S, Lott D, Senesac C, Edison AS, Vandeborne K, Walter GA. Metabolomic Analysis of Urine in Duchenne Muscular Dystrophy. 11th Annual Neuromuscular Plasticity Symposium. Gainesville, FL. March 11, 2016.
10. Senesac, CR, Willcocks, RJ, Lott, DJ, Forbes, SC, Rooney, WD, Wang, DJ, Finanger, EL, Tokay-Harrington, AT, Tennekoon, GI, Finkel, RS, Russman, BS, Byrne, BJ, Walter, GA, Sweeney, HL, Vandeborne, K. ImagingDMD: MR Biomarkers in Duchenne Muscular Dystrophy: What we have learned in 5 years. American Physical Therapy Association Combined Sections Meeting. Anaheim, CA. Feb 17-20, 2016.
11. Catherine Boissoneault, Bethany Eicholtz, Ali Parrish, Claudia Senesac. The Effect of an International Service-Learning Educational Course on Participant Knowledge. American Physical Therapy Association Combined Sections Meeting. Anaheim, CA. Feb 17-20, 2016.
12. Arora H, Willcocks RJ, Lott DJ, Harrington AT, Senesac CR, Zilke KL, Tennekoon GI, Finanger EL, Finkel RS, Triplett WT, Byrne BJ, Walter GA, Sweeney HL, Vandeborne K. Longitudinal decline in functional performance in ambulatory boys with Duchenne Muscular Dystrophy. American Physical Therapy Association -Combined Sections Meeting. Anaheim, California. February 17-20, 2016.
13. Barnard AM, Willcocks RJ, Finanger, EL, Triplett WT, Rooney WD, Lott DJ, Wang DJ, Senesac CR, Forbes SC, Tokay-Harrington AT, Daniels MJ, Finkel RS, Russman BS, Byrne BJ, Tennekoon GI, Glenn GA, Sweeney HL, Vandeborne K. Magnetic resonance measures are correlated to functional ability in Duchenne muscular dystrophy. 14th Biennial Advances in Skeletal Muscle Biology in Health and Disease. Gainesville, FL. Jan 20-22, 2016.
14. Barnard AM, Romero de Mello Sa SA, Willcocks RJ, Forbes SC, Rooney WD, Pham J, Hammers D, Triplett WT, Lott DJ, Senesac CR, Byrne BJ, Finanger EL, Russman BS, Wang DJ, Tennekoon GI, Finkel RS, Walter GA, Sweeney HL, Vandeborne K. Genetic polymorphisms modify intramuscular fat infiltration in Duchenne muscular dystrophy. 20th International World Muscle Society Conference. Brighton, UK. Sept 30-Oct 5, 2015.
15. Willcocks, RJ, Forbes, SC, Triplett, BT, Lott, DJ, Senesac, CR, Nicholson, TR, Arora, H, Walter, GA, Vandeborne, K. Magnetic resonance measures of muscle size and quality are altered in the proximal and distal upper extremity of 7-16 year old boys with DMD. 20th International World Muscle Society Conference. Brighton, UK. Sept 30-Oct 5, 2015.
16. Willcocks RJ, Forbes SC, Triplett WT, Lott DJ, Senesac CS, Nicholson T, Arora H, Walter GA, Vandeborne K. Magnetic resonance imaging of the arm and shoulder in boys with DMD. 20th International World Muscle Society Conference. Brighton, UK. Sept 30-Oct 5, 2015.
17. Willcocks, RJ, Forbes, SC, Triplett, BT, Lott, DJ, Senesac, CR, Nicholson, TR, Arora, H, Walter, GA, Vandeborne, K. Magnetic resonance imaging of the arm and shoulder of boys with DMD. PPMD National conference Washington, DC, June 18-21, 2015.
18. *Senesac, CR, *Willcocks, RJ, Lott, DJ, Forbes, SC, W. Rooney, G. Walter, L. Sweeney, K. Vandeborne. ImagingDMD: What have we learned in 5 years and what comes next? PPMD National conference Washington, DC, June 18-21, 2015.

19. We see strength in management: Physical Therapy Hands on Workshop
Chair of session and presenter: Claudia Senesac, Laura Case: PPMD National conference, Washington DC, June 18-21, 2015.
20. Lee-McMullen BA, Chrzanowski SM, Vohra R, Willcocks R, Cunkle H, Powers C, Baligand C, Triplett W, Forbes S, Lott D, Senesac C, Edison AS, Vandenborne K, Walter GA. Metabolomic Analysis of Urine in Boys with Duchenne Muscular Dystrophy. Metabolomics Society 2015, San Francisco, CA, June 2015.
21. Alabasi UA, Willcocks RJ, Arpan I, Forbes SC, Triplett WT, Rooney WD, Lott DJ, Senesac CR, Finkel RS, Tennekoon GI, Harrington AT, Finanger EL, Russman BS, Walter GA, Sweeney HL, Vandenborne K. Boss Mass Index and Disease Progression in Boys with Duchenne Muscular Dystrophy. NMPS 2015.
22. Alison M Barnard, DPT; Rebecca J Willcocks, PhD; Sean C Forbes, PhD; William D Rooney, PhD; William T Triplett, BS; Donovan J Lott, PT, PhD; Claudia R Senesac, PT, PhD; Barry J Byrne, MD, PhD; Erika L Finanger, MD; Barry S Russman, MD; Dah-Jyuu Wang, PhD; Gihan I Tennekoon, MD; Richard S Finkel, MD; Glenn A Walter, PhD; H Lee Sweeney, PhD; Krista Vandenborne, PT, PhD. Genetic polymorphisms modify intramuscular fat in Duchenne muscular dystrophy. 28th Annual PHHP Research Day. Gainesville, Florida April 8, 2015.
23. Arora, H, Willcocks, RJ, Lott, DJ, Harrington, AT, Senesac, CR, Forbes, SC, Tennekoon, GI, Finanger, EL, Finkel, RS, Triplett, WT, Byrne, BJ, Walter, GA, Sweeney, HL & Vandenborne, K (2015). Functional decline in boys with Duchenne Muscular Dystrophy over 1 year. 28th Annual PHHP Research Day. Gainesville, Florida. April 8, 2015.
24. Bibeau V, Lott, DJ, Forbes, SC, Willcocks R, Senesac CR, Triplett W, Walter GA, Vandenborne K. MR Spectroscopy and Functional Measures in Boys with DMD 12-18 months Prior to Loss of Ambulation. 28th Annual PHHP Research Day. Gainesville, Florida April 8, 2015.
25. Alabasi U, Willcocks R, Arpan I, Forbes S, Triplett T, Rooney W, Lott D, Senesac C, Finkel R, Tennekoon G, Harrington A, Finanger E, Russman B, Walter G, Sweeney HL, Vandenborne K. Effect of Obesity in Disease Progression in Boys with Duchenne Muscular Dystrophy. 28th Annual PHHP Research Day. Gainesville, Florida April 8, 2015.
26. Alabasi, U M; Willcocks, RJ; Arpan, I; Forbes, SC; Triplett, T. Rooney, W. Lott, DJ; Senesac CR, Finkel, RS. Tennekoon, GI; Harrington, AT. Finanger, EL; Russman, BS. Walter, GA. Sweeney, HL. Vandenborne, K. Association Between BMI and Intramuscular Fat Fraction in Boys With Duchenne Muscular Dystrophy. Presented at ICHP Research Day 2015.
27. Arora, H, Willcocks, RJ, Lott, DJ, Harrington, AT, Senesac, CR, Forbes, SC, Tennekoon, GI, Finanger, EL, Finkel, RS, Triplett, WT, Byrne, BJ, Walter, GA, Sweeney, HL & Vandenborne, K (2015). Disease progression in boys with Duchenne muscular dystrophy: 1 year longitudinal evaluation of functional performance. 10th Annual Neuromuscular Plasticity Symposium. Gainesville, Florida. March 13, 2015.
28. Demystifying the use of Outcome Measures in Physical Therapy Practice
Melanie Lomaglio, PT, MSc, NCS; Claudia Senesac, PT, PhD, PCS; Arie van Duijn, EdD, PT, OCS; Scott S. Harp, PT, PhD, DPT: 2015 FPTA Spring Conference, March 27, 2015.
29. The NICU: Treatment of the Premature Infant: Claudia Senesac, Amanda Guevara, Freddy Solis: UNAN Managua, Nicaragua, February 21-25, 2015.
30. Arora, H, Willcocks, RJ, Lott, DJ, Senesac, CR, Forbes, SC, Bendixen, RM, Harrington, AT, Walter, GA & Vandenborne, K (2014). Boys with Duchenne muscular dystrophy have deficits in upper limb strength and function. 2nd Annual Institute of Child Health Policy Research Day. Gainesville, Florida. November 4, 2014.
31. Arora, H, Willcocks, RJ, Lott, DJ, Senesac, CR, Forbes, SC, Bendixen, RM, Harrington, AT, Walter, GA & Vandenborne, K (2014). Difference between upper limb strength and function in control and DMD subjects. Graduate Student Research Day. Gainesville, Florida. October 28, 2014.
32. Willcocks, RJ, Forbes, SC, Triplett, BT, Lott, DJ, Senesac, CR, Nicholson, TR, Arora, H, Walter, GA, Vandenborne, KV. Magnetic resonance measures of muscle size and quality are altered in the upper extremity of 7-16 year old boys with DMD. New Directions in Biology and of Skeletal Disease. Chicago, IL June 29 – July 2, 2014.
33. Batra A, Lott DJ, Willcocks RJ, Forbes SC, William T, Dastgir J, Sweeney L, Bonnemann CG, Byrne B, Rooney W, Senesac C, Wang DJ, Vandenborne K, Walter GA. Physiological changes in lower

- extremity skeletal muscle based on MR and Strength measures in DMD and COL VI Myopathy. New Directions in Biology and Disease of Skeletal Muscle, Chicago, IL, June 29 - July 2, 2014.
34. Chrzanowski SM, Baligand C, Willcocks R, Lott DJ, Deol J, Schmalfuss I, Daniels M, Senesac C, Walter GA, Vandeborne K. Magnetic Resonance Imaging Detects Intramuscular Differences in Lower Legs of Boys with Duchenne Muscular Dystrophy. New Directions in Biology and of Skeletal Disease. Chicago, IL June 29 – July 2, 2014.
 35. Senesac, CR. Duchenne Care and Management Tracks, Overview of Care ages 8-14, Physical Therapy and Assistive Devices. PPMD Conference Chicago, IL. June 26, 2014.
 36. Lee-McMullen B, Clendinen C, Chrzanowski S, Vohra R, Willcocks R, Cunkle R, Powers C, Triplett W, Forbes SC, Lott DF, Senesac CR, Edison AS, Vandeborne K, Walter GA. Metabolomic Analysis for Duchenne Muscular Dystrophy. Clinical Translational Science Institute Research Day. Gainesville, FL. June 5, 2014.
 37. Arpan I, Willcocks RJ, Forbes SC, Lott, DJ, Senesac C, Triplett WT, Daniels MJ, Byrne BJ, Finanger EL, Finkel RS, Russman BS, Rooney WD, Tennekoon GI, Walter GA, Sweeney HL, Vandeborne K. MR supports the therapeutic effect of corticosteroids in 5-7 year old boys with DMD. ISMRM, Milan, Italy, May 10-16, 2014.
 38. Phelan MK, Lott DJ, Willcocks RJ, Forbes SC, Senesac CR, Triplett WT, Walter GA, Vandeborne KL. Coenzyme Q 10 Effect on Boys with Duchenne Muscular Dystrophy. College of Public Health and Health Professions Research Day. Gainesville, FL, April 16, 2014.
 39. Arora, H, Willcocks, RJ, Lott, DJ, Senesac, CR, Forbes, SC, Bendixen, R.M., Harrington, A.T., Walter, GA, Vandeborne, K. Upper extremity strength and function differ between boys with DMD and controls. College of Public Health and Health Professions Research Day. Gainesville, FL, April 16, 2014.
 40. Batra A, Lott DJ, Willcocks RJ, Forbes SC, William T, Dastgir J, Sweeney HL, Bonnemann CG, Byrne B, Rooney W, Senesac C, Wang DJ, Vandeborne K, Walter GA. Lower Extremity Muscle Involvement in Duchenne Muscular Dystrophy and Collagen VI myopathy. Public Health and Health Professions Research Day, University of Florida, Gainesville, FL. April 16, 2014.
 41. Arpan I, Lott DJ, Triplett WT, Willcocks, RJ, Senesac, CR, Walter GA, Vandeborne K. MR assessment of the effects of corticosteroids on skeletal muscles of boys with DMD. College of Public Health and Health Professions Research Day. Gainesville, FL, April 16, 2014.
 42. Willcocks, RJ, Forbes, SC, Lott, DJ, Senesac, CR, Nicholson, TR, Arora, H, Walter, GA, Vandeborne, K. Arm muscle involvement in Duchenne muscular dystrophy: A quantitative MRI and MRS study. 9th Annual Neuromuscular Plasticity Symposium, University of Florida, Gainesville, FL, March 13-14, 2014.
 43. Arora H, Willcocks RJ, Lott DJ, Senesac CR, Forbes SC, Bendixen RM, Harrington AT, Walter GA, Vandeborne K. Performance on upper limb functional tests in control and DMD subjects. Neuromuscular Plasticity Symposium, University of Florida, Gainesville, FL. March 14, 2014.
 44. Arpan I, Lott DJ, Triplett WT, Willcocks, RJ, Senesac, CR, Walter GA, Vandeborne K. Examination of the Effect of Corticosteroids on Skeletal Muscle in Boys with DMD using Magnetic Resonance. 9th Annual Neuromuscular Plasticity Symposium, University of Florida, Gainesville, FL, March 13-14, 2014.
 45. Batra A, Lott DJ, Willcocks RJ, Forbes SC, William T, Dastgir J, Sweeney HL, Bonnemann CG, Byrne B, Rooney W, Senesac C, Wang DJ, Vandeborne K, Walter GA. Physiological Changes in Skeletal Muscle of Leg Based on MRI and Strength Measured in children with Duchenne Muscular Dystrophy and Collagen VI Myopathy. Neuromuscular Plasticity Symposium, University of Florida, Gainesville, FL. March 14, 2014.
 46. Arora H, Willcocks RJ, Lott DJ, Senesac CR, Forbes SC, Bendixen RM, Harrington AT, Walter GA, Vandeborne K. Performance on upper limb functional tests in control and DMD subjects. 13th Biennial Advances in Skeletal Muscle Biology in Health and Diseases Conference, Gainesville, Florida, March 5-7, 2014
 47. Arpan I, Willcocks RJ, Forbes SC, Lott DJ, Senesac C, Triplett WT, Daniels MJ, Byrne BJ, Finanger EL, Finkel RS, Russman BS, Rooney WD, Wang DJ, Tennekoon GI, Walter GA, Sweeney HL, Vandeborne K. Examination of the Effects of Corticosteroid Treatment on Skeletal Muscles of Boys with DMD using Magnetic Resonance Imaging and Spectroscopy. 13th Biennial Advances in Skeletal Muscle Biology in Health and Diseases Conference, Gainesville, Florida, March 5-7, 2014.
 48. Batra A, Lott DJ, Willcocks RJ, Forbes SC, William T, Dastgir J, Sweeney L, Bonnemann CG, Byrne B,

- Rooney W, Senesac C, Wang DJ, Vandenborne K, Walter G. Lower Extremity Muscle Involvement in Duchenne Muscular Dystrophy and Collagen VI myopathy. 13th Biennial Advances in Skeletal Muscle Biology in Health and Diseases Conference, Gainesville, Florida, March 5-7, 2014.
49. Willcocks RJ, Forbes SC, Lott DJ, Senesac CR, Nicholson TR, Arora H, Walter GA, Vandenborne K. Arm muscle involvement in Duchenne muscular dystrophy: A quantitative MRI and MRS study. 13th Biennial Advances in Skeletal Muscle Biology in Health and Diseases Conference, Gainesville, Florida, March 5-7, 2014.
 50. Willcocks, RJ, Forbes, SC, Finanger, EL, Russman, B, Lott, DJ, Senesac, CR, Triplett, WT, Daniels, MJ, Byrne, BJ, Finkel, RS, Tennekoon, GI, Rooney, WD, Walter, GA, Sweeney, HL, Vandenborne, K. Magnetic resonance imaging and spectroscopy detect changes with age, corticosteroid treatment, and functional progression in DMD. World Muscle Society, Asilomar, CA Oct 1-5, 2013.
 51. Arpan I, Willcocks RJ, Forbes SC, Lott DJ, Senesac C, Triplett WT, Daniels MJ, Byrne BJ, Finanger EL, Finkel RS, Russman BS, Rooney WD, Tennekoon GI, Walter GA, Sweeney HL, Vandenborne K. MR supports the therapeutic effect of corticosteroids in 5-7 year old boys with DMD. MDA's Scientific Conference 2013, Washington DC, April 21-24, 2013.
 52. Batra A, Lott DJ, Willcocks RJ, Forbes SC, William T, Dastgir J, Sweeney L, Bonnemann CG, Byrne B, Rooney W, Senesac C, Wang DJ, Vandenborne K, Walter G. Cross sectional and contractile area comparison in children with Duchenne muscular dystrophy and Collagen VI myopathy. MDA's Scientific Conference 2013, Washington DC, April 21-24, 2013.
 53. Willcocks RJ, Finanger EL, Russman BS, Lott DJ, Forbes SC, Senesac C, Wu X, Triplett WT, Harrington AT, Daniels MJ, Byrne BJ, Finkel RS, Rooney WD, Tennekoon GI, Walter GA, Sweeney HL, Vandenborne K. Magnetic resonance measures of muscle physiology significantly predict functional performance in boys with Duchenne Muscular Dystrophy. MDA's Scientific Conference 2013, Washington DC, April 21-24, 2013.
 54. Arpan I, Willcocks RW, Forbes SC, Lott DJ, Senesac CR, Triplett WT, Rooney WD, Wang DJ, Walter GA, Vandenborne KV. MRS supports therapeutic effects of corticosteroids in 5-7 year old boys with DMD, College of Public Health and Health Professions Research Day. Gainesville, FL, April 16, 2013.
 55. Forbes SC, Walter GA, Rooney WD, Wang DJ, DeVos S, Pollaro J, Triplett W, Lott DJ, Willcocks RJ, Senesac C, Daniels MJ, Byrne B, Russman B, Finkel R, Meyer JS, Sweeney HL, Vandenborne K. Reproducibility of Skeletal Muscle MR measures in Children: A Multi-Center Study of Duchenne Muscular Dystrophy. *Proc. Intl. Soc. Magn. Reson. Med.* **21**:1633 (2013). [Salt Lake City, Utah, April 20-26, 2013]
 56. Arpan I, Willcocks RW, Forbes SC, Lott DJ, Senesac CR, Triplett WT, Rooney WD, Wang DJ, Walter GA, Vandenborne KV. Assessment of impact of early initiation of corticosteroid therapy on lower extremity muscles in DMD using MRI and MRS. 8th Annual Neuromuscular Plasticity Symposium. Gainesville, FL, March 15, 2013.
 57. Batra A, Forbes SC, Vohra R, Arpan I, Triplett B, Cools-Lartigue B, Lott DJ, Senesac C, Willcocks R, Walter G, Vandenborne K. Atrophy Vs. Hypertrophy in Skeletal Muscles of Duchenne Muscular Dystrophy. 8th Annual Neuromuscular Plasticity Symposium, University of Florida, Gainesville, FL, March 15, 2013.
 58. Willcocks RJ, Lott DJ, Forbes SC, Senesac C, Triplett WT, Wu X, Rooney WR, Daniels D, Walter GA, Vandenborne K. Magnetic resonance measures of muscle physiology significantly predict functional performance in boys with Duchenne Muscular Dystrophy. 8th Annual Neuromuscular Plasticity Symposium. Gainesville, FL, March 15, 2013.
 59. Arpan I, Forbes SC, Willcocks R, Lott DJ, Senesac CR, Triplett WT, Rooney WD, Wang DJ, Walter GA, Vandenborne K. Impact of early initiation of corticosteroid therapy on lower extremity muscles in Duchenne muscular dystrophy, Graduate Student Research Day, University of Florida, Gainesville FL, October 23, 2012.
 60. Batra A, Forbes SC, Vohra R, Arpan I, Triplett W, Rooney WD, Wang DJ, Lott D, Senesac C, Walter GA, Vandenborne K. Contractile area changes in muscles of DMD subjects with age cross-sectional study. University of Florida Graduate Student Research Day Conference. Gainesville FL, October 23, 2012.
 61. Willcocks RJ, Arpan I, Forbes SC, Lott DJ, Senesac CR, Senesac E, Walter GA, Vandenborne, K. Longitudinal changes in MRI transverse relaxation time in boys with Duchenne muscular dystrophy.

New Directions in Biology and Disease of Skeletal Muscle Conference, New Orleans LA, June 17-21, 2012.

62. Senesac C, PodCast, Clinical Bottom Line: Clinical Instructors' Perspectives: What Should We Be Teaching in Pediatrics? *Pediatric Physical Therapy recorded* May 2012.
63. Senesac C: PodCast, Clinical Bottom Line: Conservative Treatment of Clubfoot Using Modified Copenhagen Method. *Pediatric Physical Therapy recorded* Spring 2012
64. M Kaufman, D Lott, I Arpan, S Forbes, N Isreal, C Senesac, G Walter, K Vandeborne. T2 Relaxation Time and Activity in Boys with Duchenne Muscular Dystrophy. College of Public Health and Health Professions (PHHP) research day, Gainesville, Florida, April, 2012.
65. Randall A, Senesac C, Lott D, Vandeborne K, Bendixen R..Effective Health measures for Boys with Duchenne Muscular Dystrophy. College of Public Health and Health Professions (PHHP) research day, Gainesville, Florida, April, 2012.
66. C Senesac, K Vandeborne. Magnetic Resonance Imaging and Biomarkers in Muscular Dystrophy. Duchenne Connect and Parent Project Muscular Dystrophy. Webinar, March 14, 2012.
67. C Senesac. Clinical Bottom Line: Conservative Treatment of Clubfoot Using Modified Copenhagen Method. *Pediatric Physical Therapy. Pod-Cast* Spring 2012
68. C Senesac, D Lott, S Mathur, S Germain, J Deol, I Arpan, E Senesac, S Forbes, G Walter, K Vandeborne. Longitudinal Changes in-Magnetic Resonance Evaluation of Muscle Composition in Boys with Duchenne Muscular Dystrophy- Case Series. APTA Combined Sections Meeting, February 2012.
69. G Miller, C Senesac, JA Day, S George. Comparison of critical thinking measures for DPT students. APTA Combined Sections Meeting, February 2012.
70. A Behrman, E Fox, S Trimble, S Suter, C Senesac, N Tester, J Kleim, D Howland. Kids STEP Study: Locomotor Training outcomes and use of select long tracts as predictive biomarkers of responsiveness after chronic, incomplete spinal cord injury. APTA Combined Sections Meeting, February 2012.
71. D Lott, R Willcocks, A.Tokay Harrington, K Zilke, C Senesac, R Finkel, B Russman, HL Sweeney, K Vandeborne. Relationship between Functional Assessments and the Six-minute Walk Test in Boys with Duchenne Muscular Dystrophy. APTA Combined Sections Meeting, February 2012.
72. I Arpan, S Forbes, D Lott, C Senesac, S de Vos, E Senesac, W Tripett, G Walter, K Vandeborne. Assessment of soleus muscle involvement in children with Duchenne muscular dystrophy (DMD) using T2 mapping. (Platform presentation) APTA Combined Sections Meeting, February 2012.
73. C Senesac , T Lauretta. The Effects of Strengthening on a Patient with Alexander Disease: A Case Report. APTA Combined Sections Meeting, February 2012.
74. R Vohra, D Lott, S Mathur, S Germain, C Senesac, J Deol, G Walther, K Vandeborne. Quantitative Magnetic Resonance Assessment of Lower Leg Muscles in Duchenne Muscular Dystrophy. APTA Combined Sections Meeting, February 2012.
75. S Rosenberg, B Bour, C Senesac. Gaze Controlled Communication in a Moving World. APTA Combined Sections Meeting, Chicago, IL. February 2012.
76. Willcocks RJ, Arpan I, Forbes SC, Lott DJ, Senesac CR, Walter GA, Vandeborne K. Longitudinal changes in skeletal muscle MRI T₂ relaxation time in boys with Duchenne muscular dystrophy. *Advances in Skeletal Muscle Biology in Health and Disease*, University of Florida, Gainesville, FL, February 22-24, 2012.
77. Forbes SC, Walter GA, Rooney WD, Wang DJ, DeVos S, Pollaro J, Triplett W, Lott DJ, Senesac C, Daniels MJ, Willcocks RJ, Byrne B, Russman B, Finkel R, Sweeney HL, Vandeborne K. Design of a Multi-center Study to Examine Skeletal Muscles of Children with Duchenne Muscular Dystrophy using MRI/MRS. 16th International Congress of the World Muscle Society. Portugal. October 18-22, 2011.
78. D. Lott, Rachel Crawford, Sean Forbes, Claudia Senesac, Glenn Walter, Krista Vandeborne: "Longitudinal Assessment of Activity, Muscle Composition, and Functional Ability in Children with Duchenne Muscular Dystrophy". ASCM conference Denver, CO May 31-Jun 4 2011.
79. Arpan I, Forbes SC, Lott D, Senesac C, Senesac E, de Vos S, Walter GA, and Vandeborne K. Quantification of muscle involvement in children with Duchenne muscular dystrophy. College of Public Health and Health Professions (PHHP) research day, Gainesville, Florida, April, 2011.
80. Forbes SC, Walter GA, Rooney WD, Wang DJ, DeVos S, Pollaro J, Triplett W, Lott DJ, Senesac C, Daniels MJ, Willcocks RJ, Byrne B, Russman B, Finkel R, Sweeney HL, Vandeborne K. Design of a

- Multi-center Study to Examine Skeletal Muscles of Children with Duchenne Muscular Dystrophy using MRI/MRS. Abstract: World Muscle Society. April 2011.
81. Ishu A, Forbes SC, Lott D, Senesac E, De Vos S, Senesac C, Walter GA, Vandeborne K. Use of MRI T2 histograms to quantify lower leg muscle involvement in children with DMD. Neuromuscular Plasticity Symposium, Gainesville, Florida, March 18, 2011.
 82. Forbes SC, Lott D, Israel-Stahre N, Germain S, Senesac C, Byrne B, Finkel R, Sweeney HL, Walther GA, Vandeborne K. MRI/MRS evaluation of a female carrier of Duchenne muscular dystrophy: A case study. Neuro muscular Plasticity Symposium, Gainesville, FL., March 18, 2011.
 83. Israel-Stahre N, Willcocks R, Forbes S, Arpan I, Lott DJ, Senesac C, de Vos S, Walther GA, Vandeborne K. Reproducibility of MRI-T2 Measures in Leg Muscles of children with Duchenne Muscular Dystrophy. Neuro muscular Plasticity Symposium, Gainesville, FL., March 18, 2011.
 84. Deol JK, Schmalfuss I Lott DJ, Senesac C, Mathur S, deVos S, Walter, GA, Vandeborne K. MRI Grading Scale and Functional Ability in Children with Duchenne Muscular Dystrophy. Neuromuscular Plasticity Symposium, Gainesville, FL., March 18, 2011.
 85. Vohra RS, Lott DJ, Mathur S, Germain SA, Senesac C, Deol J, Arpan I, Walter GA, Vandeborne K. Non-Contractile Tissue in the Calf Muscles of DMD Patients. PPHP Research Day, University of FL., Gainesville, FL., March 23, 2011.
 86. Rachel E Crawford, BHS; Donovan J Lott, PT, PhD, CSCS; Claudia Senesac, PT, PhD, PCS; Sean Forbes, PhD; Glenn Walter, PhD; Krista Vandeborne, PhD, PT. Non-invasive Assessment of Muscle and Function in Patients with Duchenne Muscular Dystrophy. PPHP Research Day, University of FL., Gainesville, FL., March 23, 2011.
 87. S Trimble, EJ Fox, JN Tester, SS Suter, M Spiess, C Senesac, L Spierre, J Johns, J Kleim, P Reier, DR Howland, AL Behrman. Walking for the first time: Locomotor training promotes development of trunk control and stepping in 3 year old paralyzed since 5 months of age. SpineCare Conference on Innovation and Practice in Childhood Spinal Conditions. Sydney, Australia. March 7-9 2011.
 88. D R Howland, EJ Fox, NJ Tester, S Trimble, C Senesac, L Spierre, J Johns, J Kleim, P Reier, AL Behrman. Kids Step Study: Locomotor training outcomes and use of select long tracts as predictive biomarkers of responsiveness. SpineCare Conference on Innovation and Practice in Childhood Spinal Conditions. Sydney, Australia. March 7-9 2011.
 89. D. Lott, J. Urcuyo, C. Senesac, J. Deol, K. Vandeborne. : Longitudinal Assessment of Physical Activity in Children with Duchenne Muscular Dystrophy. APTA Combined Sections Meeting, New Orleans, LA February 2011.
 90. Arpan I, Forbes S, Lott D, Germain S, Senesac E, deVos S, Senesac C, Walter G, Vandeborne K. Monitoring changes in the lower leg muscles of children with Duchenne muscular dystrophy via proton transverse relaxation time using MRI. APTA Combined Sections Meeting, New Orleans, LA February 2011.
 91. Miller G, Senesac CR, Day JA, George S. Comparison of critical thinking measures for DPT students. APTA Combined Sections Meeting New Orleans, LA February 2011.
 92. Shelley A Trimble, Emily J Fox, Sarah Suter, Nicole Tester, Kristin Day, Martina Speiss, Claudia Senesac, Louise Spierre, Jeffrey S Johns, Dena R Howland, Andrea L Behrman. Locomotor Training: From Non-Ambulatory, 3 Years Post-Transverse Myelitis Onset at 6 Months, to Stepping and Initiation Overground. APTA Combined Sections Meeting, New Orleans, LA. February 2011.
 93. Dena R Howland, Emily J Fox, Nicole J Tester, Shelley Trimble, Claudia Senesac, Louise Spierre, Jeff Johns, Jeff Kleim, Paul Reier, Andrea L Behrman. Responses to Locomotor Training and Identification of Functional Long Tracts in Children with Severe, Chronic Spinal Cord Injury. *Society for Neuroscience*. San Diego, CA. Nov 2010.
 94. Andrea L Behrman, Emily J Fox, Shelley Trimble, Nicole J Tester, Chetan P Phadke Preeti M Nair, Claudia R Senesac, Dena R Howland. On-going Recovery and Musculoskeletal Health Four Years after Locomotor Training in a Child with Severe, Incomplete Cervical Spinal Cord Injury. *Society for Neuroscience*. San Diego, CA. Nov 2010.
 95. Dena R Howland, Emily J Fox, Nicole J Tester, Shelley Trimble, Claudia Senesac, Louise Spierre, Jeff Johns, Jeff Kleim, Paul Reier, Andrea L Behrman. Responses to Locomotor Training and Identification of Functional Long Tracts in Children with Severe, Chronic Spinal Cord Injury. *Society for Neuroscience*. San Diego, CA. Nov 2010.

96. Senesac, C., Bendixen, R., & Richardson, B. Learning from Darius: Important Lessons for Future Health Professionals. National AHEC Organization, Las Vegas, NV, June 20-24, 2010.
97. Lott DJ, Senesac C, Urcuyo J, Deol J, Arpan I, Senesac E, Vandendorne K. Daily step count, gait parameters, strength, and function in children with duchenne muscular dystrophy. ACSM's Annual Meeting, Baltimore, MD, June 2010.
98. I Arpan, S Forbes, DJ Lott, SA Germain, C Senesac, E Senesac, S deVos, GA Walter, K Vandendorne. Muscle Tissue Heterogeneity in Children with Duchenne Muscular Dystrophy. Neuro-plasticity Symposium January 2010 and PPHP Research Day, University of FL., Gainesville, FL., April 2010.
99. Deol JK, Schmalfuss I, Lott DJ, Veltri K, Senesac C, Mathur S, Germain SA, Walter GA, Vandendorne K. Muscle Pathology and Functional Ability in Children with Duchenne Muscular Dystrophy. Neuro-plasticity Symposium January 2010 and PPHP Research Day, University of FL., Gainesville, FL., April 2010.
100. Arpan I, Lott D, Germain S, Senesac C, Senesac E, de Vos S, Walter G, Vandendorne K. Muscle Tissue Heterogeneity in Children with Duchenne Muscular Dystrophy. Neuromuscular Plasticity Symposium, University of FL., Gainesville, FL. March 5, 2010.
101. Arpan I, Forbes SC, Lott D, Germain S, De Vos S, Senesac C, Senesac E, Walter GA, Vandendorne K. Comparison of MRI proton transverse relaxation time (T2) among lower leg muscles of children with Duchenne muscular dystrophy. American Physical Therapy Association (APTA), New Orleans, LA, 2010.
102. Bendixen R, Senesac C, LottD, MathurS, Deol J, Vandendorne K. Impact of Muscle Dysfunction on Participation and Quality of Life in Boys with Duchenne Muscular Dystrophy. APTA Combined Sections Meeting San Diego, CA February 2010.
103. Lott D, Senesac C, Mathur S, Deol J, Germain S, Walter G, Vandendorne K. Longitudinal examination of non-invasive measures of muscle pathology in children with Duchenne muscular dystrophy. APTA Combined Sections Meeting San Diego, CA February 2010.
104. Deol J, Schmalfuss I, Lott D, Mathur S, Senesac C, Germain S, Walter G, Vandendorne K. Magnetic Resonance Imaging as a Qualitative Assessment Tool of Muscle Pathology in Children with Duchenne Muscular Dystrophy. APTA Combined Sections Meeting, San Diego, CA February 2010.
105. Bendixen, R., Senesac, C., Mathur, S., Lott, D., Deol, J., & Vandendorne, K. Relationships Between Strength, Function, Participation in Activities and Quality of Life in Ambulatory Boys with Duchenne Muscular Dystrophy. American Occupational Therapy Association 2009 Annual Conference, Houston, TX, April 23-26, 2009.
106. Bendixen, R., Senesac, C., Mathur, S., Lott, D., Deol, J., & Vandendorne, K. *Impact of Muscle Dysfunction on Participation and Quality of Life in Boys with Duchenne Muscular Dystrophy*. Society for Research in Child Development Biennial Meeting, Denver, CO, April 2-5, 2009 (interactive poster presentation).
107. Aleman K, Senesac, CR. Early Intervention for Infants with Congenital Muscular Torticollis: A Retrospective Study. APTA Combined Sections Meeting, Las Vegas, NV., February 2009.
108. Mathur S, Lott DJ, Germain S, Vohra RS, Senesac, Walter G, Vandendorne K. Muscle Pathology Detected Using Magnetic Resonance Imaging and Spectroscopy in Boys with Duchenne Muscular Dystrophy. APTA Combined Sections Meeting Las Vegas, NV, February 2009.
109. Lott D, Mathur S, Senesac C, Kinsey A, Germain S, Walter G, Vandendorne K. Gait Function is Related to Muscle Fat Infiltration Quantified via Magnetic Resonance Spectroscopy in Children with Duchenne Muscular Dystrophy. Las Vegas, NV., February 2009.
110. Bendixen R, Senesac C, Mathur S, Lott D, Vandendorne K. Interrelations between function, participation in activities and quality of life in ambulatory boys with Duchenne Muscular Dystrophy. APTA Combined Sections Meeting, Las Vegas, NV., February 2009.
111. Mathur, S., Senesac, C., Lott, D.J, Vandendorne, K., Walter, G.A. Muscle Strength and Functional Status in Boys with Duchenne Muscular Dystrophy. ACSM Annual Meeting, May 2008, Indianapolis, IN. Med Sci Sports Exerc May 2008: 40(5) Suppl: p.69.
112. Richards LG, Senesac, C, Woodbury, M, Howland, D, Davis S, Paterson, T. Can Constraint-Induced Movement Therapy Induce Motor Control Improvements in Persons with Ataxia from Stroke? Normal Control of Movement Society. Naples, FL April 29- May 3, 2008.

113. Richards L, Senesac C, Woodbury M, Howland D, Davis S, Patterson T. Can Constraint-Induced Movement Therapy Induce Motor Control Improvements in Persons with Ataxia from Stroke? Neural Control of Movement Society. April, 2008.
114. Richards LG, Senesac, C, Davis S, Woodbury, M, Nadeau S, Gains on upper extremity self-report and performance assessments in stroke rehabilitation depend on different variables. AOTA Long Beach, CA., 2008.
115. Mathur, S, Senesac, C, Germain, S, Shah, PK, Jayaraman, A, Vandenborne, K, Walter, G. Magnetic Resonance Imaging And Spectroscopy In Evaluating Disease Progression In Duchenne Muscular Dystrophy: A Case Series. APTA Combined Sections Meeting, Nashville, TN 2008.
116. Mathur, S, Senesac, C, Lott DJ, Germain, S, Shah, PK, Jayaraman, A, Vandenborne, K, Walter, G. Magnetic Resonance Imaging And Spectroscopy In Evaluating Disease Progression In Duchenne Muscular Dystrophy: A Case Series Neuromuscular Symposium, University of FL., Gainesville, FL., January 31, 2008.
117. Fox, E; Tester N, Kleim J, Thompson F, Reier P, Senesac C, Johns J Spierre L, Howland D, Behrman A. Neural Substrates for the Restoration of Walking after Spinal Cord Injury. PPHP Research Day, University of FL., Gainesville, FL., March 12, 2007.
118. Inamdar, A; Senesac C, Jayaraman A, Shah P, Walter G, Vandenborne K. MRI: Non-Invasive Technique to Monitor Duchenne Muscular Dystrophy. PPHP Research Day, University of FL., Gainesville, FL., March 12, 2007.
119. Behrman, A; Bowden M, Day KV, Friedman E, Herget B, Nair P, Phadke C, Reier PJ, Tester NJ, Thompson FJ, Senesac C, Howland DR. Evidence for a Human Spinal Pattern Generator: Insights From a Pediatric SCI Case Study 1-After Restoration of Walking. APTA Combined Sections Meeting, Boston, MA., 2007.
120. Senesac, C; Davis SB; Richards, LG. Generalization of Repetitive Bilateral Training in Stroke, Section on Neurology, Thematic Poster Session on Upper Extremity Control. APTA Combined Sections Meeting, Boston , MA., 2007.
121. Richards, L., Senesac, C., Davis, Sandra, & Nadeau, S. Bilateral motor practice does not increase motor function in chronic stroke. International Stroke Conference, San Francisco, CA., February 7-9, 2007.
122. Behrman, A; Bowden, M; Herget, B; Howland, D; Martin, J; Phadke, C; Nair, P; Reier, PJ; Senesac, C; Thompson, FJ. Spinal Cord: Animal Models and Human Studies I. Society for Neuroscience Meeting, Atlanta, GA., October 14, 2006.
123. Senesac, C; Davis SB; Richards, LG. Generalization of Repetitive Rhythmic Bilateral Training: PPHP Research Day, University of FL., Gainesville, FL., March 20, 2006.
124. Davis, SB.; Senesac, C; Richards, L G. Longitudinal Case Studies in Individuals with Chronic Stroke: Outcomes of Constraint Induced Movement Therapy followed by Bilateral Training. APTA Annual Conference, Orlando, FL., 2006.
125. Behrman AL, Nair PM, Bowden MG, Fuller L, Herget B, Phadke C, Senesac C. Locomotor training: Recovery of walking in non-ambulatory 4.5 year old child with chronic, cervical SCI. American Physical Therapy Association Combined Sections Meeting, San Diego, CA., February 1-6, 2006
126. Toy, S; Senesac, C; Trombini, A. Postural Control and Balance Training in a Pediatric Patient status-post Medulloblastoma Removal: APTA Combined Sections Meeting, San Diego, CA., February 1-5, 2006.
127. Senesac C; Helsel, P; Breton, J. Modified Constraint Induced Movement Therapy for Child with Hemiplegia: APTA Combined Sections Meeting, San Diego, CA., February 1-5, 2006.
128. Behrman AL, Bowden M, Herget B, Howland DR, Martin J, Phadke C, Nair P, Reier PJ, Senesac C, Thompson FJ. Locomotor Training and Recruitment of Developmental Neuroplasticity: Insights from a Pediatric SCI Case Study. Society for Neuroscience Meeting, Washington DC, November 12-16, 2005.
129. Woodbury ML, Richards LG, Vallabhajosula S, Davis S, Knight R, Senesac C, Howland D. Can "Normal" Post-Stroke Upper Extremity Reach Be Trained? PPHP Research Day, University of FL., Gainesville, FL., March 23, 2005.
130. Davis SB, Senesac, C, Richards LG, Giuffrida C, Nadeau SE, Levy CE. Botulinum Toxin A as an Adjuvant to Constraint Induced Movement Therapy. APTA Combined Sections Meeting,, New Orleans, LA., February 24-27, 2005.

131. Li S, Horodyski M, Woo R, Bishop M, Senesac, C, Burnt D. Changes in Foot Contact and EMG Occur After Botulinum Toxin Type A Injection and Physical Therapy in a Child with a Diagnosis of Idiopathic Toe Walking-A Case Study. ISEK, Boston, MA., June 20, 2004,
132. Li S, Woo R, Horodyski MB, Bishop M, Senesac C. The Effect of Botulinum Toxin Type A Combined with Physical Therapy on Gait in Children with Idiopathic Toe Walking. APTA Combined Sections Meeting, Nashville TN., February 4-8, 2004.
133. Lawless AR, Davis S, Phadke C, Nair P, Bowden M, Woodbury M, Flynn S, Hannold L, Ko M, Senesac C, Behrman A: Locomotor Training, Progression, and Outcomes After Incomplete Spinal Cord Injury: Case report: Locomotor training, progression, and outcomes after incomplete spinal cord injury. APTA Combined Sections Meeting, Nashville, TN., February 4-8, 2004.
134. Brunt D, Woo R, Kim HD, Ko MS, and Senesac C: The Initial Effect of Botulinum Toxin Type A on Gait in Children who are Idiopathic Toe-walkers. Poster Presentation, College of Health Professions Research Fair, University of Florida, Gainesville, FL., April 2003.
135. Brunt D, Woo R, Kim HD, Ko MS, and Senesac C: The Initial Effect of Botulinum Toxin Type A on Gait in Children who are Idiopathic Toe-walkers. Poster Presentation, Gait and Clinical Movement Analysis Society, Chattanooga, TN, April 2002.
136. Senesac C: Reliability of the Pediatric Wolf Motor Function Test and the Pediatric Actual Amount of Use Test for Children with Hemiplegia. Poster Presentation, FPTA Conference in Orlando, FL, Spring 2002 (clinical research grant pediatric section of the APTA 1999)
137. Nackashi J, Senesac C, Mehn M, Reiss JG, Picture is Worth 1000 Words (poster presentation), National Center for Clinical Infant Programs, Washington, D.C., December 4-6, 1987.
138. Mehn MA, Senesac C, Reiss JG, Nackashi J, Polaroid Photographs as Parental Positional Tools, (poster presentation) APTA Annual Conference, Nashville, TN., June 12, 1989 and NDTA Spring Conference, May 3-5, 1991 (NDTA Research Grant 1988).

Abstracts:

None to report

Non-Peer Reviewed Publications:

None to report

Non-Peer Reviewed Presentations:

1. Senesac, CR Developmental Coordination Disorder. Physical Therapy.com, Webinar Series. July 8, 2014. <http://www.physicaltherapy.com/E/1839/1047626/a240e4b8fea3fa46b8>
2. Senesac, CR. Childhood Hemiplegia. Physical Therapy.com, Webinar Series. July 11, 2013. <http://www.physicaltherapy.com/E/1839/1047626/a240e4b8fea3fa46b8>
3. Bendixen, R, Senesac, C, Lott, D., & Vandenborne, K. Evaluating Participation and Quality of Life in Boys with Duchenne Muscular Dystrophy. American Occupational Therapy Association 2012 Annual Meeting, Indianapolis, IN, April 26-29, 2012.
4. Senesac C, and Vandenborne K. "MRI and Biomarkers for Muscular Dystrophy", Parent Project Muscular Dystrophy; DuchenneConnect Webinar Series, March 14, 2012. <http://community.parentprojectmd.org/video/imagingdmd-mri-study-webinar>

Funded/In Review Grant Activity:

Addressing Toxic Stress through Therapy: Occupational Therapy, Physical Therapy, and Speech-Language Pathology.

Florida State University

PI

Current/Active Research Activity:

Reliability of MRI/MRS in Duchenne muscular dystrophy

Related topics iDMD (function, strength, foot posture index, gait)

OutcomesDMD, Standardization for outcomes in DMD. Delphi Survey

The clinical outcomes of locomotor training in children with disabilities
On going collection of data in Pediatric subjects with Cerebral Palsy –spasiticty and intervention

Membership in Scientific/Professional Organizations:

American Association of Anatomists, November 2003 to present
Neuro-Developmental Treatment Association, January 1982 to 2004.
Pediatric Special Interest Group, FPTA, September 1979 to present
APTA Section on Pediatrics, September 1979 to present.

Member of the Awards Committee: 2014-2016

Chair of the Awards Committee: 2016-2017

Florida Physical Therapy Association, Northern District (APTA), August 1979 to present.

American Physical Therapy Association (National), August 1979 to present.

Consultative and Advisory Positions Held:

September 2010-present Consultant to Agency for Health Care Administration (AHCA), Medicaid
Headquarters Tallahassee, Utilization Review

Community Service:

- Consultant to *The Ounce of Preventions Program*: State of Florida Early Steps Program: Sustainability Focus Group August 24, 2010.
- Reviewer for Lippincott, Williams & Wilkins: reviewer for anatomy and pediatric texts and/or chapters-current.
- Reviewer for the APTA Pediatric Physical Therapy Journal-current
- Provide physical therapy assessment/ treatment services to the state touring dance company “Dance Alive” (pro bono) 1989--present
- Provide supervision at Equal Access Clinic for DPT students providing physical therapy assessment/ treatment services to the community in Alachua Co., Gainesville, FL. 2007-2010
- Nicaragua Project: served as an instructor in Nicaragua in 2005, 2010, 2013, 2014, and 2015 fund raising efforts, screening for student participation, and providing educational programs. 2005-present.
 - Core and More...The Development of Balanced Trunk Extension, Flexion and Core Stability in Children. Claudia Senesac, Shelley Trimble. Gainesville, Fl. January 16th, 2009 *Fundraiser for Nicaragua Project*
 - Core and More...The Development of Balanced Trunk Extension, Flexion and Core Stability in Children. Claudia Senesac, Shelley Trimble. Managua, Nicaragua February 22-25, 2010. *Nicaragua Project*
 - Coordinating Students in the community 2013
 - Coordinating Students in rehabilitation hospital Managua, Nicaragua for patient treatments 2014
 - Treating the Premature Infant in the NICU. Claudia Senesac, Amanda Guevara. Nicaragua February 23-26, 2015
 - Poster at CSM 2015. The Effect of an International Service-Learning Educational Course on Participant Knowledge. Authors: Claudia Senesac, Catherine Boissoneault, Bethany Eicholtz, Alexandra R Parrish
 - Casting and Taping Techniques- Claudia Senesac,
- Providing students for the Elks camp in Umatilla for children with a diagnosis of CP and their families. Ongoing 2003-present-Fall semester
- Adaptive Aquatics Program, Pediatric Course Summer Semester 2008, 2009
- Collaboration with Sun Country Gymnastics: providing in-service and educational programs, supervision of DPT students, and development of screening programs for prevention of injuries. 2007-2009

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

American Physical Therapy Association, Pediatric Section (National)

- Awards Committee. March 2016-2017 Chairperson

- Awards Committee. March 2014 – 2017

University Service:

- Anatomical Specimens for Scholarly Purposes. University of Florida January 2003 - present.

College Service:

- Financial Aid Committee. College of PHHP 2006-2010
Chairperson: 2008-2009 and 2009-2010
- Darius Goes West Public Health Initiative Committee, College of PHHP January 2009-December 2009
Chairperson: 2009
- Task Force on Children's Issues. College of PHHP, January 2003.

Department Service:

- CAPTE Accreditation Committee, Department of Physical Therapy, College of PHHP 2012- 2014
- DPT Expansion Committee Department of Physical Therapy, College of PHHP 2012- 2015
- Nicaragua Project Committee, Department of Physical Therapy, College of PHHP 2005- present
 - Chairperson: 2014-present, CoChair: 2016
- Curriculum-Clinical Skills Assessment Committee, Department of Physical Therapy, College of PHHP
Chairperson: 2010-2012, committee member through 2014
- Clinical Education Committee Department of Physical Therapy, College of PHHP 2007-2010
- Admissions Committee Department of Physical Therapy, College of PHHP 2005-present
Chairperson: 2007-present
- Professionalism Committee Department of Physical Therapy, College of PHHP 2005-2016
- Scholarship Committee Department of Physical Therapy, College of PHHP 2005-2008
Chairperson: 2006-2007, 2007-2008

Honors and Awards:

1. Recipient of the 2016 International Educator of the Year, College of Public Health and Health Professions, University of Florida International Center, Gainesville, FL., Nov. 2016.
2. Recipient of the 2014 Outstanding Pediatric Clinician Award from the Pediatric Section of the APTA. Las Vegas 2014.
3. Recipient of College of Public Health and Health Professions Faculty Incentive Award for fiscal year 2011 in recognition of outstanding teaching service. University of Florida, Gainesville, FL., 2010-2011.
4. Recipient of College of Public Health and Health Professions Faculty Incentive Award for fiscal year 2010 in recognition of outstanding teaching service. University of Florida, Gainesville, FL., 2009-2010.
5. Teacher of the Year 2009, College of PHHP, University of Florida, Gainesville, FL., October 2009.
6. Most Inspiring Instructor (PT class of 2008), Department of Physical Therapy, College of PHHP, University of Florida, Gainesville, FL. 2008.
7. Favorite Instructor (PT class of 2004), Department of Physical Therapy, College of PHHP, University of Florida, Gainesville, FL., 2004.
8. Outstanding Clinical Instructor, Department of Physical Therapy, College of Health Professions, University of Florida, Gainesville, FL. 2000.
9. Awarded Clinical Research Grant, Pediatric Section of the APTA 1999.
10. Appointed Clinical Instructor, Department of Physical Therapy, College of Health Related Professions, University of Florida, Gainesville, FL., March 1990.
11. Awarded NDTA Research Grant 1988.
12. Golden Key National Honor Society, University of Florida, 1977-1979.
13. Alpha Eta National Honor Society, University of Florida, 1977-1979.
14. Dean's List, College of Health Related Professions, University of Florida, Gainesville, FL., January 1979, December 1978, June 1978.
15. Elected Social Chairperson and Program Director, Student Physical Therapy Association, University of Florida, Gainesville, FL. January 1978 - January 1979.

16. Outstanding Clinical Student Award, Department of Physical Therapy, University of Florida, Gainesville, FL. 1979.

Continuing Education Attended:

1. Advanced Pediatric Clinical Practice, APTA Academy of Pediatrics. Atlanta, GA. September 23-25, 2016.
2. IV Step Conference, APTA Academy of Neurology and Pediatrics. Ohio State University, Columbus, Ohio. July 14-18, 2016.
3. Neuromuscular Plasticity Noon's, University of Florida, PT Department, Gainesville, FL., June 16, 2016.
4. Neuromuscular Plasticity Noon's, University of Florida, PT Department, Gainesville, FL., June 4, July 2, 2015.
5. Blended Learning Seminars, University of Florida, PT Department, Gainesville, FL. March 26, April 9, May 26, 2015.
6. 10th Annual Neuromuscular Plasticity Symposium, University of Florida, PT Department, Gainesville, FL. March 13, 2015.
7. 9th Annual Neuromuscular Plasticity Symposium, University of Florida, PT Department, Gainesville, FL. March 14, 2014.
8. Autism Spectrum Disorders-Gibson, Summit Professional Education, Gainesville, FL. January 20, 2014.
9. Engaging Learners to the Max with Team-Based Learning". Wayne T McCormack. University of Florida, Gainesville, FL. October 23, 2013.
10. Team-Based Learning an Exciting and Interactive Alternative to Lecture-Based Teaching. Wayne T McCormack. University of Florida, Gainesville, FL. September 13, 2013
11. Tools for Teaming. Children's Medical Service. March 8, 2013.
12. Parent Project Muscular Dystrophy's Annual Conference 2008-, 2014.
13. Spanish for Physical and Occupational Therapists. Orlando, FL, March 24, 25, 2012.
14. Neuromuscular Plasticity Symposium Gainesville, FL., 2008- 2014.
15. Combined Sections Meeting, APTA, 2008- 2014
16. Battelle Certification Training. September 14, 2012.
17. Moving Forward Together: Excellence in Education and Practice, PREP for Excellence. University of Florida, UF Department of Physical Therapy, Gainesville, FL, January 20-21, 2012.
18. Interface Instructor Seminar, Technology Innovations Advisory Committee, the Office of Academic Technology, and the UF College of Journalism and Communications, University of Florida, Gainesville, FL, December 8, 2011.
19. HIV/AIDS for Florida Healthcare Professionals. Wild Iris Medical Education, November 4, 2011.
20. Reducing Medical Errors for Florida Physical Therapists and Physical Therapist Assistants. Wild Iris Medical Education. November 4, 2011.
21. Improving Outcomes in Young Children with Autism Spectrum Disorder, From Early Detection to Early Intervention, Amy Wetherby, Gainesville, FL., July 16, 2010.
22. National AHEC Conference, Las Vegas, NV June 20, 2010.
23. Coordinating a Clinical Trail, Medical Research Management, Coral Springs, FL., April 8-9, 2010.
24. Clinical Research Billing Compliance Crash Course: The Essentials. Research Administration and Compliance (RAC) Office University of FL., February 18th, 2010.
25. Getting the PIQ-ture Assessing and Treating Common Pediatric Patients. Michelle Fryt Linehan. Jacksonville, FL., December 9, 2009.
26. UF Prehab Screenings: Testing Methods, Analysis and Clinical Application. Trevor A Lentz, PT, CSCS; Terese L Chmielewski, PT, PhD, SCS; Susan M Tillman, PT, CSCS, SCS. University of FL., Gainesville, FL., October 29, 2009.
27. Selected: Shands Hospital/UF Physical Therapy Rehabilitation Seminar Series (monthly), Gainesville, FL., Fall 2008- Spring 2009.
28. Faculty Educational Development Series-Teaching Strategies for Critical Thinking, Gainesville, FL. Spring and Summer semester 2008.
29. Anatomy in Clay Gainesville, Ken Morgareidge, Claudia Senesac. FL., January 25-26, 2008

Continuing Education Courses Taught

1. Senesac C, Vogel, L. Every Single One: Addressing Life Long Physical Therapy Needs in Duchenne Muscular Dystrophy: The Changing Landscape Across the Lifespan. Seattle, WA. March 26th, 2017.
2. Senesac, C., Duong, T., Neuromuscular Disease. Portland, OR. November 4th, 2016.
3. Senesac, C., Every Single One: Addressing Life Long Physical Therapy Needs in Duchenne Muscular Dystrophy: The Changing Landscape Across the Lifespan. Kansas City, MO. October 21-22, 2016.
4. Senesac, C., Duong, T., Every Single One: Addressing Life Long Physical Therapy Needs in Duchenne Muscular Dystrophy: The Changing Landscape Across the Lifespan. Denver, CO. August 20, 2016.
5. Senesac, C. Serial Casting and Taping Techniques. UNAN, Managua, Nicaragua February 23rd-25th, 2016. *Nicaragua Project.*
6. Senesac, C., Case, L. Addressing Life Long Physical Therapy Needs in Duchenne Muscular Dystrophy Buffalo, NY October 16-17, 2015 and Gainesville, FL October 23-24, 2015.
7. Senesac, C., Guevara, A. The NICU-The Premature Infant. UNAN, Managua, Nicaragua February 23rd-25th, 2015. *Nicaragua Project.*
8. Senesac, C., Developmental Coordination Disorder. Physical Therapy.com, Webinar July 8, 2014.
9. Senesac, CR. Duchenne Care and Management Tracks, Overview of Care ages 8-14, Physical Therapy and Assistive Devices. PPMD Conference Chicago, IL. June 26, 2014.
10. Senesac CR, Lott DJ, Willcocks R, Smith B, Doung T, Toussaint M, Cripe L. Outcome Measures in DMD: The Role They Play in Research and Clinical Care. Pre-conference PPMD Conference. Chicago, IL. June 25-26, 2014.
11. Senesac, C., Childhood Hemiplegia. Physical Therapy.com, Webinar, July 11, 2013.
12. Senesac, C., Bendixen, R., & Richardson, B. Learning from Darius: Important Lessons for Future Health Professionals. National AHEC Organization, Las Vegas, NV, June 20-24, 2010
13. Senesac C, Trimble S., The Core and More...The Development of Balanced Trunk Extension, Flexion, and Core Stability in Children. Managua, Nicaragua February 22-25th, 2010. *Nicaragua Project*
14. Senesac C, Bendixen R, Hersom M., Duchenne Muscular Dystrophy- Innovative Research Designs and *Darius Goes West* Who is Darius? Come Find Out. Shands at UF Rehab Services Occupational & Physical Therapy Departments and UF Department of Physical Therapy, Gainesville, FL., July 23, 2009.
15. Senesac C, Trimble S., Core and More...The Development of Balanced Trunk Extension, Flexion and Core Stability in Children. Gainesville, FL., January 16th, 2009 *Fundraiser for Nicaragua Project*
16. Senesac C., Duchenne Muscular Dystrophy-Update on Research. Early Steps, Department of Pediatrics, Gainesville, FL., May 8th, 2008.
17. Morgareidge K, Senesac C., Anatomy in Clay: Gainesville, FL., January 25-26, 2008.

Current Teaching Responsibilities in the Entry-Level Program:

Teaching Responsibilities in the DPT Physical Therapy Program (in sequence by semester):

PHT 6187C	Functional Anatomy I	Fall Year 1
PHT 6188	Functional Anatomy II	Spring Year 1
PHT 6322	Pediatrics in Physical Therapy	Summer C Year 2
PHT 6609	Evidence Based Practice	Spring Year 3
PHT	Motor Control II	Summer C Year 2 (2012)

Other:

Mentoring (6) third year DPT students on their final Evidence Based Project. Four submitted to 2018 CSM.
Mentoring of (4) third year DPT students on their final Evidence Based Project. Three submitted to 2017 CSM.

Advising 9 DPT first year students and 11 second year students.

Reviewed promotional package for Augusta University, College of Allied Health, Physical Therapy Department, Chair Scott Hasson. Tenure and Promotion from Clinical Assistant Professor to Clinical Associate Professor (non-tenure). 2016

National Recruiter for Sarepta Clinical Trial 4658-203, Natural History Arm.
[An Open-Label, Multi-Center Study to Evaluate the Safety, Efficacy and Tolerability of Eteplirsen in Early-Stage Duchenne Muscular Dystrophy]