

CURRICULUM VITAE
Associate Professor
Kenneth Bo Foreman, Ph.D., P.T.
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I. EDUCATION

<u>Years</u>	<u>Degree</u>	<u>Institution (Area of Study)</u>
2005	Ph.D.	University of Utah (Anatomy)
1994	B.S.	University of Utah (Physical Therapy)
1990		Montana State University (Biology)

II. CERTIFICATIONS

Basic Life Support
State License, UT (275391-2401) - Physical Therapist

III. EMPLOYMENT

09/16 - Present	Physical Therapist, Gait Lab Director, Department of Veterans Affairs Medical Center, SLC, UT
07/13 – Present	Associate Professor (tenured), University of Utah, Department of Physical Therapy, SLC, UT
07/13 – Present	Adjunct Associate Professor, University of Utah, Department of Orthopaedics, SLC, UT
07/13 – Present	Adjunct Associate Professor, University of Utah, Department of Mechanical Engineering, SLC, UT
07/13 – Present	Adjunct Associate Professor, University of Utah, Department of Neurobiology and Anatomy, SLC, UT
07/13 – Present	Adjunct Associate Professor, University of Utah, Division of Plastic Surgery, SLC, UT
01/11 - 06/13	Adjunct Assistant Professor, University of Utah, Department of Orthopaedics, SLC, UT
05/09 - 06/13	Adjunct Assistant Professor, University of Utah, Department of Mechanical Engineering, SLC, UT
06/07 - Present	Director, Motion Analysis Facility, University of Utah, Dept. of Physical Therapy, SLC, UT
07/07 - 06/13	Adjunct Assistant Professor, University of Utah, Department of Neurobiology and Anatomy, SLC, UT
10/06 - 06/11	Director of Research, University of Utah, Division of Plastic Surgery, SLC, UT
07/06 – 06/13	Assistant Professor (tenure track), University of Utah, Department of Physical Therapy, SLC, UT
07/05 - Present	Instructor (Clinical), University of Utah, Division of Occupational Therapy, SLC, UT
08/05 - 06/06	Visiting Assistant Professor, University of Utah, Division of Physical Therapy, SLC, UT
07/02 - 08/05	Instructor (Clinical), University of Utah, Division of Physical Therapy, SLC, UT

03/98 - 06/05	Lead Physical Therapist, University of Utah Hospital, Rehabilitation Specialty Clinic, SLC, UT
12/97 - 03/98	Staff Physical Therapist, St. Marks Hospital, Department of Outpatient Therapy, SLC, UT
09/97 - 12/97	Staff Physical Therapist, Paracelsus Health Care, Department of Outpatient Therapy, SLC, UT
08/96 - 09/97	Staff Physical Therapist, Vencor/Hillhaven, Department of Rehabilitation, SLC, UT
12/95 - 07/96	Traveling Physical Therapist, Therapists Unlimited, Travel Division, Fort Lauderdale, FL
07/94 - 12/95	Staff Physical Therapist, Vencor/Hillhaven, Department of Rehabilitation, SLC, UT

IV. PROFESSIONAL AFFILIATIONS

2014 - 2017	Member, American Society for Cell Biology
2012 - Present	Member, Gait and Clinical Movement Analysis Society
2011- 2012	Member, International Society for Posture & Gait Research
2003 - 2015	Member, American Physical Therapy Association
2002 - Present	Member, American Association of Anatomists

V. PUBLICATIONS

A. Peer-Reviewed Journal Articles

1. Christensen JC, **Foreman KB**, LaStayo PC, Marcus RL, Pelt CE, Mizner RL (2018). Comparison of 2 Forms of Kinetic Biofeedback on the Immediate Correction of Knee Extensor Moment Asymmetry Following Total Knee Arthroplasty During Decline Walking. *J Orthop Sports Phys Ther.* 2018 Aug 20:1-23. doi: 10.2519/jospt.2019.7800. [Epub ahead of print] PMID: 30124352
2. Christensen JC, **Foreman KB**, LaStayo PC, Marcus RL, Pelt CE, Mizner RL (2018). Comparison of 2 Forms of Kinetic Biofeedback on the Immediate Correction of Knee Extensor Moment Asymmetry Following Total Knee Arthroplasty During Decline Walking. *J Orthop Sports Phys Ther.* 2018 Aug 20:1-23. doi: 10.2519/jospt.2019.7800. [Epub ahead of print] PMID: 30124352.
3. Garg H, Dibble LE, Schubert MC, Sibthorp J, **Foreman KB**, Gappmaier E (2018). Gaze stability, dynamic balance and participation deficits in people with multiple sclerosis at fall-risk. *Anat Rec (Hoboken).* 2018 May 5. doi: 10.1002/ar.23852. [Epub ahead of print] PubMed PMID: 29729209.
4. Kobayashi T, Orendurff MS, Singer ML, Gao F, Hunt G, **Foreman KB** (2018). Effect of plantarflexion resistance of an ankle-foot orthosis on ankle and knee joint power during gait in individuals post-stroke. *J Biomech.* 2018 May 5. pii: S0021-9290(18)30335-X. doi: 10.1016/j.jbiomech.2018.04.034. [Epub ahead of print] PubMed PMID: 29764676.
5. Xu H, Merryweather A, **Foreman KB**, Zhao J, Hunt M (2018). Dual-task interference during gait on irregular terrain in people with Parkinson's disease. *Gait Posture.* 2018 Apr 22;63:17-22. doi: 10.1016/j.gaitpost.2018.04.027. [Epub ahead of print] PubMed PMID: 29702370.
6. Christensen JC, **Foreman KB**, LaStayo PC (2018). The Positive Benefits of Negative Movement Patterns Following Total Knee Arthroplasty. *Geriatr Orthop Surg Rehabil.* 2018 Mar 26;9:2151458518757796. doi: 10.1177/2151458518757796. eCollection 2018. PubMed PMID: 29623234; PubMed Central PMCID: PMC5881975.
7. Christensen JC, Mizner RL, **Foreman KB**, Marcus RL, Pelt CE, LaStayo PC (2018). Quadriceps weakness preferentially predicts detrimental gait compensations among common impairments after total knee arthroplasty. *J Orthop Res.* 2018 Mar 25. doi: 10.1002/jor.23894. [Epub ahead of print] PubMed PMID: 29577425.
8. Drew AJ, Izykowski MT, Bachus KN, Henninger HB, **Foreman KB** (2017). Transhumeral loading during advanced upper extremity activities of daily living. *PLoS One.* 2017 Dec 19;12(12):e0189418. doi: 10.1371/journal.pone.0189418. eCollection 2017. PMID: 29261703

9. Christensen JC, LaStayo PC, Mizner RL, Marcus RL, Pelt CE, Stoddard GJ, **Foreman KB** (2017). Joint mechanical asymmetries during low- and high-demand mobility tasks: Comparison between total knee arthroplasty and healthy-matched peers. *Gait Posture*. 2017 Nov 21;60:104-110. doi: 10.1016/j.gaitpost.2017.11.017. [Epub ahead of print]. PMID: 29175639
10. Mahon CE, Pruziner AL, Hendershot BD, Wolf EJ, Darter BJ, **Foreman KB**, Webster JB (2017). Gait and Functional Outcomes for Young, Active Males With Traumatic Unilateral Transfemoral Limb Loss. *Mil Med*. 2017 Jul;182(7):e1913-e1923. doi: 10.7205/MILMED-D-16-00356. PMID: 28810990
11. Roach KE, **Foreman KB**, Barg A, Saltzman CL, Anderson AE (2017). Application of High-Speed Dual Fluoroscopy to Study In Vivo Tibiotalar and Subtalar Kinematics in Patients With Chronic Ankle Instability and Asymptomatic Control Subjects During Dynamic Activities. *Foot Ankle Int*. 2017 Aug 1:1071100717723128. doi: 10.1177/1071100717723128. [Epub ahead of print]. PMID: 28800713
12. Lester ME, Cavanaugh JT, **Foreman KB**, Shaffer SW, Marcus R, Dibble LE (2017). Adaptation of postural recovery responses to a vestibular sensory illusion in individuals with Parkinson disease and healthy controls. *Clin Biomech (Bristol, Avon)*. 2017 Jul 26;48:73-79. doi: 10.1016/j.clinbiomech.2017.07.008. [Epub ahead of print] PMID: 28783491
13. Kobayashi T, Gao F, LeCursi N, **Foreman KB**, Orendurff MS (2017). Effect of Shoes on Stiffness and Energy Efficiency of Ankle-Foot Orthosis: Bench Testing Analysis. *J Appl Biomech*. 2017 Jun 12:1-16. doi: 10.1123/jab.2016-0309. [Epub ahead of print] PMID: 28605225
14. Kobayashi T, Orendurff MS, Singer ML, Gao F, **Foreman KB** (2017). Contribution of ankle-foot orthosis moment in regulating ankle and knee motions during gait in individuals post-stroke. *Clinical biomechanics (Bristol, Avon)*. 2017; 45:9-13. PMID: 28431220
15. Kobayashi T, Orendurff MS, Hunt G, Lincoln LS, Gao F, LeCursi N, **Foreman KB** (2017). An articulated ankle-foot orthosis with adjustable plantarflexion resistance, dorsiflexion resistance and alignment: A pilot study on mechanical properties and effects on stroke hemiparetic gait. *Med Eng Phys*. 2017 Mar 8. pii: S1350-4533(17)30064-4. PMID: 28284572
16. Christensen JC, Wilson CR, Merryweather AS, **Foreman KB** (2017). Kinematics of the Pelvis, Torso, and Lower Limb During Obstacle Negotiation While Under Temporal Constraints. *Anatomical record (Hoboken, N.J. : 2007)*. 2017; 300(4):732-738. PMID: 28297177
17. Fiorentino NM, Atkins PR, Kutschke MJ, Goebel JM, **Foreman KB**, Anderson AE (2017). Soft tissue artifact causes significant errors in the calculation of joint angles and range of motion at the hip. *Gait & posture*. 2017; 55:184-190. PMID: 28475981
18. Duncan RP, Combs-Miller SA, McNeely ME, Leddy AL, Cavanaugh JT, Dibble LE, Ellis TD, Ford MP, **Foreman KB**, Earhart GM (2016). Are the average gait speeds during the 10meter and 6minute walk tests redundant in Parkinson disease? *Gait Posture*. 2016 Nov 22;52:178-182. doi: 10.1016/j.gaitpost.2016.11.033. [Epub ahead of print] PubMed PMID: 27915221
19. Fiorentino NM, Atkins PR, Kutschke MJ, **Foreman KB**, Anderson AE (2016). In-vivo quantification of dynamic hip joint center errors and soft tissue artifact. *Gait Posture*. 2016 Oct;50:246-251. doi: 10.1016/j.gaitpost.2016.09.011. PMID: 27693944
20. Paul SS, Lester ME, **Foreman KB**, Dibble LE (2016). Validity and Reliability of Two-Dimensional Motion Analysis for Quantifying Postural Deficits in Adults With and Without Neurological Impairment. *Anat Rec*. 2016 Jun 17. PMID: 27314922
21. Paul SS, Ellis TD, Dibble LE, Earhart GM, Ford MP, **Foreman KB**, Cavanaugh JT (2016). Obtaining Reliable Estimates of Ambulatory Physical Activity in People with Parkinson's Disease. *J Parkinsons Dis*. 2016 May 5;6(2):301-5. PMID: 27164042
22. Kobayashi T, Orendurff MS, Singer ML, Gao F, Daly WK, **Foreman KB** (2016). Reduction of genu recurvatum through adjustment of plantarflexion resistance of an articulated ankle-foot orthosis in individuals post-stroke. *Clin Biomech*. 2016 Jun;35:81-5. PMID: 27136122

23. Ellis TD, Cavanaugh JT, Earhart GM, Ford MP, **Foreman KB**, Thackeray A, Thiese MS, Dibble LE (2016). Identifying clinical measures that most accurately reflect the progression of disability in Parkinson disease. *Parkinsonism Relat Disord*. 2016 Apr;25:65-71. PMID: 26876037
24. Tang R, Gungor C, Sesek RF, **Foreman KB**, Gallagher S, Davis GA (2016). Morphometry of the lower lumbar intervertebral discs and endplates: comparative analyses of new MRI data with previous findings. *Eur Spine J*. 2016 Feb 12. PMID: 26873104
25. Smith JW, Marcus RL, Tracy BL, **Foreman KB**, Christensen JC, LaStayo PC (2016). Stance time variability during stair stepping before and after total knee arthroplasty: A pilot study. *Hum Mov Sci*. 2016 Feb;45:53-62. PMID: 26590484
26. Paul SS, Thackeray A, Duncan RP, Cavanaugh JT, Ellis TD, Earhart GM, Ford MP, **Foreman KB**, Dibble LE. Two-year trajectory of fall risk in people with Parkinson's disease: a latent class analysis (2015). *Arch Phys Med Rehabil*. 2015 Nov 19. PMID: 26606871
27. Fiorentino NM, Kutschke MJ, Atkins PR, **Foreman KB**, Kapron AL, Anderson AE (2015). Accuracy of Functional and Predictive Methods to Calculate the Hip Joint Center in Young Non-pathologic Asymptomatic Adults with Dual Fluoroscopy as a Reference Standard. *Ann Biomed Eng*. 2015 Dec 8. PMID: 26645080
28. Ellis TD, Cavanaugh JT, Earhart GM, Ford MP, **Foreman KB**, Thackeray A, Thiese MS, Dibble LE (2015). Identifying clinical measures that most accurately reflect the progression of disability in Parkinson disease. *Parkinsonism Relat Disord*. 2016 Feb 2. PMID: 26876037
29. Papa EV, **Foreman KB**, Dibble LE. (2015). Effects of age and acute muscle fatigue on reactive postural control in healthy adults. *Clin Biomech (Bristol, Avon)*. 2015 Sep 2. pii: S0268-0033(15)00229-6. doi: 10.1016/j.clinbiomech.2015.08.017. [Epub ahead of print] PMID: 26351001
30. Kobayashi T, Singer ML, Orendurff MS, Gao F, Daly WK, **Foreman KB**. (2015). The effect of changing plantarflexion resistive moment of an articulated ankle-foot orthosis on ankle and knee joint angles and moments while walking in patients post stroke. *Clin Biomech (Bristol, Avon)*. 2015 Oct;30(8):775-80. PMID: 26149007
31. Duncan RP, Leddy AL, Cavanaugh JT, Dibble LE, Ellis TD, Ford MP, **Foreman KB**, Earhart GM. (2015). Balance differences in people with Parkinson disease with and without freezing of gait. *Gait Posture*. 2015 Sep;42(3):306-9. PMID: 26141905
32. Gungor C, Tang R, Sesek R, **Foreman KB**, Gallagher S, Davis J. (2015). Morphological investigation of low back erector spinae muscle: Historical data population. *International Journal of Industrial Ergonomics*. 2015 Aug; 49:108-115. DOI: 10.1016/j.ergon.2015.02.001
33. Duncan RP, Cavanaugh JT, Earhart GM, Ellis TD, Ford MP, **Foreman KB**, Leddy AL, Paul SS, Canning CG, Thackeray A, Dibble LE. (2015). External validation of a simple clinical tool used to predict falls in people with Parkinson disease. *Parkinsonism Relat Disord*. May 16. PMID: 26003412
34. Cavanaugh JT, Ellis TD, Earhart GM, Ford MP, **Foreman KB**, Dibble LE. (2015). Toward Understanding Ambulatory Activity Decline in Parkinson Disease. *Phys Ther*. Apr 9. PMID: 25858971
35. Hayes HA, Hunsaker N, Schaefer SY, Shultz B, Schenkenberg T, Boyd L, White AT, **Foreman KB**, Dyer P, Maletsky R, Dibble LE. (2015). Does Dopamine Replacement Medication Affect Postural Sequence Learning in Parkinson Disease? *Motor Control*. Mar 27. PMID: 25823498
36. Gungor C, Tang R, Sesek R, **Foreman KB**, Gallagher S, Davis G. (2015). Prediction models for the erector spinae muscle mass (ESMM) size: Historical data populations. *J Biomech Eng*. Mar 1. PMID: 25751162
37. Dibble LE, **Foreman KB**, Addison O, Marcus RL, LaStayo PC. (2015). Exercise and medication effects on persons with Parkinson disease across the domains of disability: a randomized clinical trial. *J Neurol Phys Ther*. 39(2), 85-92. PMID: 25742370
38. Duncan RP, Leddy AL, Cavanaugh JT, Dibble LE, Ellis TD, Ford MP, **Foreman KB**, Earhart GM. (2015). Detecting and predicting balance decline in Parkinson disease: a prospective cohort study. *J Parkinsons Dis*. 5(1), 131-9. PMID: 25514984

39. Golriz S, Hebert JJ, **Foreman KB**, Walker BF. (2015). The effect of hip belt use and load placement in a backpack on postural stability and perceived exertion: a within-subjects trial. *Ergonomics*. 58(1), 140-7. PMID: 25265931
40. Singer ML, Kobayashi T, Lincoln LS, Orendurff MS, **Foreman KB** (2014). The effect of ankle-foot orthosis plantarflexion stiffness on ankle and knee joint kinematics and kinetics during first and second rockers of gait in individuals with stroke. *Clin Biomech*. 29(9), 1077-80. PMID: 25241248
41. Singer ML, Smith LK, Dibble LE, **Foreman KB** (2014). Age-related difference in postural control during recovery from posterior and anterior perturbations. *Anat Rec*. 298(2), 346-53. PMID: 25175103
42. **Foreman KB**, Singer ML, Addison O, Marcus RL, LaStayo PC, Dibble LE. (2014). Effects of dopamine replacement therapy on lower extremity kinetics and kinematics during a rapid force production task in persons with Parkinson disease. *Gait Posture*. 39(1), 638-40. PMID: 23968974
43. **Foreman KB**, Sondrup S, Dromey C, Jarvis E, Nissen S, Dibble LE (2013). The effects of practice on the concurrent performance of a speech and postural task in persons with Parkinson disease and healthy controls. *Parkinsons Dis*. 2013;2013:987621. doi: 10.1155/2013/987621. Epub 2013 Jun 11. PMID: 23841022
44. Nemanich ST, Duncan RP, Dibble LE, Cavanaugh JT, Ellis TD, Ford MP, **Foreman KB**, Earhart GM. (2013). Predictors of gait speeds and the relationship of gait speeds to falls in men and women with Parkinson disease. *Parkinsons Dis*. 2013;2013:141720. doi: 10.1155/2013/141720. Epub 2013 Jun 5. PMID: 23841020
45. Howell A, Kobayashi T, Hayes H, **Foreman K**, Bamberg S (2013). Kinetic Gait Analysis Using a Low-Cost Insole. *IEEE Trans Biomed Eng*. 2013 Mar 7. [Epub ahead of print]. PMID: 23475336
46. Ellis T, Boudreau JK, DeAngelis TR, Brown LE, Cavanaugh JT, Earhart GM, Ford MP, **Foreman KB**, Dibble LE. (2013). Barriers to Exercise in People With Parkinson Disease. *Phys Ther*. 2013 May. Epub 2013 Jan 3. PMID: 23288910
47. Duncan RP, Leddy AL, Cavanaugh JT, Dibble LE, Ellis TD, Ford MP, **Foreman KB**, Earhart GM. (2013). Comparative Utility of the BESTest, Mini-BESTest, and Brief-BESTest for Predicting Falls in Individuals With Parkinson Disease: A Cohort Study. *Phys Ther*. 2013 Feb 14. [Epub ahead of print] PMID: 23174567
48. Yang L, Dyer PS, Carson RJ, Webster JB, **Bo Foreman K**, Bamberg SJ. (2012). Utilization of a lower extremity ambulatory feedback system to reduce gait asymmetry in transtibial amputation gait. *Gait Posture*. 36(3), 631-4. PMID: 22633017
49. Golriz S, Hebert JJ, **Foreman KB**, Walker BF. (2012). The validity of a portable clinical force plate in assessment of static postural control: concurrent validity study. *Chiropr Man Therap*. 20(1):15. PMID: 22620857
50. Golriz S, Hebert JJ, **Foreman KB**, Walker BF. (2012). The reliability of a portable clinical force plate used for the assessment of static postural control: repeated measures reliability study. *Chiropr Man Therap*. 20(1):14. PMID: 22620678
51. Cavanaugh JT, Ellis TD, Earhart GM, Ford MP, **Foreman KB**, Dibble LE. (2012). Capturing ambulatory activity decline in Parkinson's disease. *J Neurol Phys Ther*. 36(2), 51-7. PMID: 22592060
52. Marcus RL, Addison O, Dibble LE, **Foreman KB**, Morrell G, Lastayo P. (2012). Intramuscular adipose tissue, sarcopenia, and mobility function in older individuals. *J Aging Res*. 2012;2012:629637. Epub 2012 Feb 6. PMID: 22500231
53. **Foreman KB**, Wisted C, Addison O, Marcus RL, Lastayo PC, Dibble LE. (2011). Improved dynamic postural task performance without improvements in postural responses: the blessing and the curse of dopamine replacement. *Parkinsons Dis*. 2012;2012:692150. Epub 2011 Dec 8. PMID: 22191075
54. Duncan RP, Leddy AL, Cavanaugh JT, Dibble LE, Ellis TD, Ford MP, **Foreman KB**, Earhart GM. (2011). Accuracy of fall prediction in Parkinson disease: six-month and 12-month prospective analyses. *Parkinsons Dis*. 2012;2012:237673. Epub 2011 Nov 30. PMID: 22191069

55. Greenland KO, Yang L, Dyer PS, Carson RJ, Webster JB ,Merryweather AS, **Foreman KB**, Bamberg SJM. (2011). Prediction of Stance Time and Force Symmetries using Instrumented Shoe Insoles for Use in Rehabilitation and Weight-Bearing Regimens. *J Bioengineer & Biomedical Sci.* S1:005. doi:10.4172/2155-9538.S1-005
56. Earhart GM, Cavanaugh JT, Ellis T, Ford MP, **Foreman KB**, Dibble LE. (2011). The 9-Hole Peg Test of Upper Extremity Function: Average Values, Test-Retest Reliability, and Factors Contributing to Performance in People With Parkinson Disease. *J Neurol Phys Ther.* 2011 Dec; 35(4): 157-63. PMID: 22020457
57. Ellis T, Cavanaugh JT, Earhart GM, Ford MP, **Foreman KB**, Fredman L, Boudreau JK, Dibble LE. (2011). Factors associated with exercise behavior in persons with Parkinson disease. *Phys Ther.* 2011 Dec; 91(12): 1838-48. Epub 2011 Oct 14. PMID: 22003171
58. Ellis T, Cavanaugh JT, Earhart GM, Ford MP, **Foreman KB**, Dibble LE. (2011). Which measures of physical function and motor impairment best predict quality of life in Parkinson's disease? *Parkinsonism Relat Disord.* 2011 Nov; 17(9): 693-7. Epub 2011 Aug 5. PMID: 21820940
59. Defriez CB, Morton DA, Horwitz DS, Eckel CM, **Foreman KB**, Albertine KH. (2011). Orthopedic resident anatomy review course: A collaboration between anatomists and orthopedic surgeons. *Anat Sci Educ.* Sept-Oct; 4(5): 285-93. Epub 2011 Jul 22. PMID: 21786430
60. Pelt CE, Turner CM, Bachus KN, **Foreman KB**, Beals TC. (2011). Micro-CT Density Analysis of the Medial Wall of the Human Medial Cuneiform. *Orthopedics.* 2011 May 18; 34(5): 363. PMID: 21598900
61. **Foreman KB**, Addison O, Kim HS, Dibble LE. (2011). Testing balance and fall risk in persons with Parkinson disease, an argument for ecologically valid testing. *Parkinsonism Relat Disord.* 2011 Mar; 17(3): 166-71. Epub 2011 Jan 6. PMID: 21215674
62. Dibble LE, Cavanaugh JT, Earhart GM, Ellis TD, Ford MP, **Foreman KB**. (2010). Charting the progression of disability in Parkinson disease: study protocol for a prospective longitudinal cohort study. *BMC Neurology.* 2010 Nov 3; 10(110): 1-8. PMID: 21047426
63. **Foreman KB**, Ballard DJ, Dibble LE. (2010). Amplification of fall risk in Parkinson's disease: the influence of comorbidities. *Gerinotes.* 17(4), 36-38.
64. Dromey C, Jarvis E, Sondrup S, Nissen S, **Foreman KB**, Dibble LE. (2010). Bidirectional interference between speech and postural stability in individuals with Parkinson's disease. *Int J Speech Lang Pathol.* 2010 Oct; 12(5): 446-54. PMID: 20586526
65. Carson R, Stevens PM, Webster JB, **Foreman KB**. (2010). Using clinically relevant outcome measures to assess the ambulatory efficiency, balance confidence and overall function associated with "stubby" prostheses and C-leg prostheses for a patient with bilateral transfemoral prostheses. *J Prosth Orthot.* 22(2), 140-144.
66. Agarwal CA, Mendenhall SD, **Foreman KB**, Owsley JQ. (2010). The Course of the Frontal Branch of the Facial Nerve in Relation to Fascial Planes: An Anatomic Study. *Plast Reconstr Surg.* 2010 Feb; 125(2): 532-7. PMID: 20124839
67. **Foreman KB**, Dibble L, Droge J, Carson, Rockwell WB. (2009). The Impact of Breast Reduction Surgery on the Low Back Compressive Forces and Function in Individuals with Macromastia. *Plast Reconstr Surg.* 2009 Nov; 124(5): 1393-99. PMID: 20009823
68. Meier WA, Marcus RL, Dibble LE, **Foreman KB**, Peters CL, Mizner RL, LaStayo PC. (2009). The Long-Term Contribution of Muscle Activation and Muscle Size to Quadriceps Weakness Following Total Knee Arthroplasty. *J Geriatr Phys Ther.* 2009; 32(2): 79-82. PMID: 20039587
69. Soni P, Stern CA, **Foreman KB**, Rockwell WB. (2009). Advances in Extensor Tendon Diagnosis and Therapy. *Plast Reconstr Surg.* 2009 Feb;123(2):52e-57e. Review. PubMed PMID: 19182570
70. Soni P, Stern CA, **Foreman KB**, Rockwell WB. (2009). Advances in Extensor Tendon Diagnosis and Therapy. *Plast Reconstr Surg.* 2009 Feb; 123(2): 727-8. PMID: 19182635
71. Dibble LE, Christensen J, Ballard DJ, **Foreman KB**. (2008). Diagnosis of Fall Risk in Person's with Parkinson Disease: An Analysis of individual and Collective Clinical Balance Test Interpretation. *Phys Ther.* 88(3), 323-32. PMID: 18187494

72. Rockwell WB, Haidenberg J, **Foreman KB**. (2008). Thumb Replantation Using Arterial Conduit Graft and Dorsal Vein Transposition. *Plast Reconstr Surg*. 2008 Sep; 122(3): 840-3. PMID: 18766048
73. Morton DA, **Foreman KB**, Goede PA, Bezzant JL, Albertine KA. (2007). TK3 eBook Software to Author, Distribute, and Use Electronic Course Content for Medical Education. *Adv Physiol Educ*. 2007 Mar; 31(1): 55-61. PMID: 17327584
74. Rockwell WB, Hurst CA, Morton DA, Kwok A, **Foreman KB**. (2007). The Deep Inferior Epigastric Artery: Anatomy and Applicability as a Source of Microvascular Arterial Grafts. *Plast Reconstr Surg*. 2007 Jul; 120(1): 209-14. PMID: 17572565
75. **Foreman KB**, Morton DA, Musolino GM, Albertine KH. (2005). Design and Utility of a Web-Based Computer-Assisted Instructional Tool for Neuroanatomy Self-Study and Review for Physical and Occupational Therapy Graduate Students. *Anat Rec B New Anat*. 2005 Jul; 285(1): 26-31. PMID: 16032754

B. Abstracts (all abstracts were presented as poster or platform presentations)

1. Roach KE, **Foreman KB**, Barg A, Anderson AE. (07/2017). Comparison of in vivo Tibiotalar and Subtalar Kinematics in Chronic Ankle Instability Patients and Asymptomatic Controls: A High-Speed Dual Fluoroscopy Study. *Proceedings of the XXVI Congress of the International Society of Biomechanics*. Brisbane, Australia. July 23-27, 2017.
2. Roach KE, **Foreman KB**, Anderson AE. (07/2017). Tibiotalar and Subtalar Kinematics During Stair Ascent and Descent: A Dual Fluoroscopy Study. *Proceedings of the XXVI Congress of the International Society of Biomechanics*. Brisbane, Australia. July 23-27, 2017.
3. Roach KE, **Foreman KB**, Anderson AE. (07/2017). Comparison of in vivo Tibiotalar and Subtalar Kinematics During Treadmill and Overground Gait: A Dual Fluoroscopy Study. *Proceedings of the XXVI Congress of the International Society of Biomechanics*. Brisbane, Australia. July 23-27, 2017.
4. **Foreman KB**. (06/2017). Using Motion Capture, Virtual Reality, and 3D Fluoroscopy for Clinical Reasoning and Rehabilitation in Humans. *Proceedings of the 2017 "Anatomist On The Edge Conference"*. Galway, Ireland; June 27th-29th, 2017
5. Roach KE, **Foreman KB**, Barg A, Anderson AE. (06/2017). In vivo Tibiotalar and Subtalar Kinematics in Chronic Ankle Instability Patients and Asymptomatic Controls: A High-speed Dual Fluoroscopy Study. *Proceedings of the Summer Biomechanics, Bioengineering and Biotransport Conference*. Tucson, AZ. June 21-24, 2017.
6. Roach KE, **Foreman KB**, Barg A, Anderson AE. (05/2017). A Comparison of In Vivo Tibiotalar and Subtalar Kinematics in Chronic Ankle Instability Patients and Asymptomatic Controls Using High-speed Dual Fluoroscopy. *Proceedings of the 2017 Gait and Clinical Movement Analysis Society Conference*. Salt Lake City, UT. May 23-26, 2017.
7. Fiorentino NM, Atkins PR, Kutschke MJ, **Foreman KB**, Anderson AE. (05/2017). Soft Tissue Artifact Leads to Errors in Biomechanical Model Outputs at the Hip Joint. *Proceedings of the 2017 Gait and Clinical Movement Analysis Society Conference*. Salt Lake City, UT. May 23-26, 2017.
8. Patterson M, **Foreman KB**, Merryweather AS. (05/2017). Gait Parameters of Patients with Parkinson Disease to Develop Innovative Virtual Reality Training Environments. *Proceedings of the 2017 Gait and Clinical Movement Analysis Society Conference*. Salt Lake City, UT. May 23-26, 2017
9. Peterson DS, Kratz K, **Foreman KB**, Dibble LE. (05/2017). Protective stepping in people with MS: effects of a single bout of practice. *Proceedings of the 2017 Gait and Clinical Movement Analysis Society Conference*. Salt Lake City, UT. May 23-26, 2017.
10. Christensen JC, LaStayo PC, Mizner RL, Marcus RL, Pelt CE, **Foreman KB**. (05/2017). Biofeedback Results in Gait Characteristics Similar to Controls with Decline Walking After Total Knee Arthroplasty. *Proceedings of the 2017 Gait and Clinical Movement Analysis Society Conference*. Salt Lake City, UT. May 23-26, 2017.

11. Fiorentino NM, Atkins PR, Kutschke MJ, Goebel JM, **Foreman KB**, Anderson AE. (05/2017). Soft Tissue Artifact Causes Significant Errors in The Calculation of Joint Angles and Range of Motion at the Hip. *Proceedings of the 2017 Gait and Clinical Movement Analysis Society Conference*. Salt Lake City, UT. May 23-26, 2017.
12. Wilson CR, Chesebrough SW, Merryweather AS, **Foreman KB**. (05/2017). Creating Realtime Feedback For A Custom Virtual Reality System. *Proceedings of the 2017 Gait and Clinical Movement Analysis Society Conference*. Salt Lake City, UT. May 23-26, 2017.
13. Foreman KB. (04/2017). Achieving Tenure as a Clinical Researcher. *Proceedings of the Experimental Biology Meeting*. San Diego, CA, April 2-6, 2016.
14. Christensen JC, LaStayo PC, Marcus RL, Mizner RL, **Foreman KB**, Gililland GM, Peters CL, Pelt CE. (03/2017). Biofeedback Improves Joint Mechanic Symmetry During High-Demand Mobility After Total Knee Arthroplasty. *Proceedings of the American Academy of Orthopaedic Surgeons Annual Meeting*, Mar. 6-10, 2017.
15. Christensen JC, LaStayo PC, Marcus RL, Mizner RL, Pelt CE, **Foreman KB**. (02/2017). Biofeedback of Knee Kinetics Corrects Pronounced Joint Mechanic Asymmetry During Both Low- and High-Demand Walking Tasks Following Total Knee Arthroplasty. *Proceedings of the American Physical Therapy Association, Combined Sections Meeting*. San Antonio, TX. (February 15-18, 2017)
16. **Foreman KB**, Christensen JC, Marcus RL, Mizner RL, Pelt CE, LaStayo PC. (02/2017). Decline Walking Reveals Pronounced Deficits in Physical Performance of Patients Compared to Over-ground Walking After Total Knee Arthroplasty. *Proceedings of the American Physical Therapy Association, Combined Sections Meeting*. San Antonio, TX. (February 15-18, 2017). *J Orthop Sports Phys Ther*. 2017 Jan;47(1):A1-A29.
17. Christensen JC, LaStayo PC, Marcus RL, Mizner RL, Pelt CE, **Foreman KB**. (02/2017). Novel Biofeedback Technique Normalizes Gait Abnormalities During Decline Walking After Total Knee Arthroplasty. *Proceedings of the American Physical Therapy Association, Combined Sections Meeting*. San Antonio, TX. (February 15-18, 2017).
18. Christensen JC, **Foreman, KB**, Marcus RL, Pelt CE, LaStayo PC. (02/2017). The Positive Benefits of Negative Work During Eccentrically-Biased Movement Patterns Following Total Knee Arthroplasty. *Proceedings of the American Physical Therapy Association, Combined Sections Meeting*. San Antonio, TX. (February 15-18, 2017).
19. Christensen JC, LaStayo PC, Marcus RL, Mizner RL, Pelt CE, **Foreman KB**. (10/2016). Novel Biofeedback Technique Normalizes Gait Abnormalities During Decline Walking After Total Knee Arthroplasty. *Proceedings of the Utah Physical Therapy Association Fall Conference*. Layton, Utah. (October 28-29, 2016)
20. Fiorentino N, Kutschke M, Atkins PR, Goebel JM, Kapron AL, **Foreman KB**, Anderson AE. (03/2016). NIRA Finalist. Is the hip a ball-and-socket joint? Dynamic dual fluoroscopy tests the validity of an age-old paradigm. *Proceedings of the Orthopaedic Research Society*. Orlando, FL. March 5-8, 2016.
21. Wilson C, Chesebrough S, Merryweather A, Dibble L, **Foreman KB**. (05/2016). Gait parameters during obstacle negotiation in a virtual environment. *Proceedings of the 2016 Gait and Clinical Movement Analysis Society*. Memphis, Tennessee. (May 17-20, 2016).
22. Christensen JC, LaStayo PC, Marcus RL, Mizner RL, Pelt CE, **Foreman KB**. (05/2016). Real-Time Biofeedback Using Knee Kinetics on Lower Extremity Mechanics During Decline Treadmill Walking Following Total Knee Arthroplasty: A Case Series. *Proceedings of the 2016 Gait and Clinical Movement Analysis Society*. Memphis, Tennessee. (May 17-20, 2016).
23. Christensen JC, LaStayo PC, Marcus RL, Mizner RL, Pelt CE, **Foreman KB**. (05/2016). Preliminary Efficacy of a Superior Method of Biofeedback to Improve Limb Loading Symmetry During Decline Walking Following Total Knee Arthroplasty. *Proceedings of the 2016 Gait and Clinical Movement Analysis Society*. Memphis, Tennessee. (May 17-20, 2016).
24. Paul S, Walther R, Beseris E, Dibble L, **Foreman B**, Rowinski B, Lester M. (05/2016). Discriminating Head on Body Motion Using Body Worn Sensors. *Proceedings of the 2016 Gait*

- and *Clinical Movement Analysis Society*. Memphis, Tennessee. (May 17-20, 2016).
25. Paul S, Lester M, **Foreman B**, Dibble L. (02/2016). Validity of 2D motion capture for quantifying balance deficits. *Proceedings of the American Physical Therapy Association, Combined Sections Meeting*. Anaheim, CA. (February 17-20, 2016)
 26. Garg H, Dibble L, Schubert M, **Foreman KB**, Sibthorp J, Gappmaier E. (09/2015). Gaze and postural intervention improves postural sway, dynamic balance, self-reported balance confidence and dizziness, not vestibule-ocular function in people with multiple sclerosis. *Proceedings of the 5th International Symposium on Gait and Balance in Multiple Sclerosis: Fall Detection and Prevention*. Portland, OR. September 25-26, 2015.
 27. Fiorentino N, Kutschke M, Atkins PR, Goebel JM, Kapron AL, **Foreman KB**, Anderson AE. (03/2015). Joint angle and minimum bone-to-bone distance in the hip joint during inclined walking. *Proceedings of the Orthopaedic Research Society*. Las Vegas, NV. March 27-28, 2015.
 28. Fiorentino N, Kutschke M, Atkins PR, Goebel JM, Kapron AL, **Foreman KB**, Anderson AE. (06/2015). The Hip Joint Estimates from Skin-Marker-Based Methods Do Not Correspond with Measurements using Dual Fluoroscopy. *Proceedings of the SB3C (biomechanics, bioengineering, biotransport)*. Snowbird, UT. June 17-20, 2015.
 29. Fiorentino N, Kutschke M, Singer M, **Foreman K**, Kapron A, Anderson A. (06/2014). Hip joint center differences between dual fluoroscopy, functional hip, and CODA. [Abstract]. *Proceedings of the International Gait and Clinical Movement Analysis Society (Gait and Posture)*. University of Delaware, Newark, DE June 24-27, 2014.
 30. Papa EV, **Foreman KB**, Dibble LE. (06/2014). Acute muscle fatigue alters reactive postural control in healthy elderly individuals. *Proceedings of the International Society of Posture and Gait Research*. Vancouver, BC, Canada, June 29-July 3, 2014.
 31. Papa EV, **Foreman KB**, Dibble LE. (06/2014). Acute muscle fatigue alters dynamic postural control in a functional reach task in healthy elderly individuals. *Proceedings of the International Gait and Clinical Movement Analysis Society (Gait and Posture)*. University of Delaware, Newark, DE June 24-27, 2014.
 32. Orendurff MS, Kobayashi T, Bjornson KF, Fatone S, Thomas SS, Buckon C, **Foreman B**, Singer M, Rosenbaum-Chou T, Lincoln L. (03/2014). Validation of an instrumented AFO to collect real-time ankle moment data during gait: AFO stiffness objectively prescribed. *Proceedings of the Association of Children's Prosthetic-Orthotic Clinics*. Anaheim, CA (March 5-8, 2014)
 33. Smith J, Marcus R, **Foreman K**, LaStayo P. (02/2014). Lower extremity muscle force steadiness before and after total knee arthroplasty. *Proceedings of the American Physical Therapy Association, Combined Sections Meeting*. Las Vegas, NV (February 3-6, 2014)
 34. Papa EV, Dibble LE, **Foreman KB**, Dyer PS. (02/2014). Acute Muscle Fatigue Reduces Anticipatory Postural Control in Parkinson Disease. *Proceedings of the American Physical Therapy Association, Combined Sections Meeting*. Las Vegas, NV (February 3-6, 2014)
 35. Lester ME, Dibble LE, **Foreman KB**, Marcus RL, Cavanaugh J, Shaffer SW. (02/2014). Influence of Galvanic Vestibular Stimulation on Temporal Components of Postural Stability. *Proceedings of the American Physical Therapy Association, Combined Sections Meeting*. Las Vegas, NV (February 3-6, 2014)
 36. Lester ME, Smith L, Papa EV, Dobie G, Dibble LE, **Foreman KB**. (02/2014). Utility of the Posterior Tether Release in Assessing Reactive Postural Stability. *Proceedings of the American Physical Therapy Association, Combined Sections Meeting*. Las Vegas, NV (February 3-6, 2014)
 37. Hayes H, Hunsaker N, **Foreman KB**, Boyd L, Dibble LE. (02/2014). Testing the Dopamine-Overdose Hypothesis on Implicit Motor Sequence Learning in Parkinson Disease. *Proceedings of the American Physical Therapy Association, Combined Sections Meeting*. Las Vegas, NV (February 3-6, 2014)
 38. Hayes H, Hunsaker N, **Foreman KB**, Boyd L, Dibble LE. (02/2014). The Effects of Age and Parkinson's Disease on Temporal and Spatial Learning During a Posturally Demanding Implicit Motor Sequence Task. *Proceedings of the American Physical Therapy Association, Combined Sections Meeting*. Las Vegas, NV (February 3-6, 2014)

39. Hayes HA, Hunsaker N, **Foreman KB**, Boyd L, Dibble LE. (11/2013). The effects of age and Parkinson disease on performance and learning of an implicit postural motor sequence task. *Proceedings of the Neuroscience 2013 meeting*. San Diego, CA (November 9-13, 2013)
40. Duncan RP, Leddy AL, Cavanaugh JT, Dibble LE, Ellis TD, **Foreman KB**, Ford MP, Earhart GM. (10/2013). Balance differences between people with and without freezing of gait in Parkinson disease. *Proceedings of the 3rd World Parkinson Congress*. Montreal, Canada (October 1-4, 2013)
41. Duncan RP, Leddy AL, Cavanaugh JT, Dibble LE, Ellis TD, Ford MP, **Foreman KB**, Earhart GM. (06/2013). Predictors of changes in balance over 6 and 12 months in Parkinson disease: An exploratory analysis. *Proceedings of the 17th International Congress of Parkinson's Disease and Movement Disorders*. Sydney, Australia (June 16-20, 2013)
42. Duncan RP, Leddy AL, Cavanaugh JT, Dibble LE, Ellis TD, Ford MP, **Foreman KB**, Earhart GM. (06/2013). Prospective measurement of balance decline in people with Parkinson disease: An exploratory analysis. *Proceedings of the 17th International Congress of Parkinson's Disease and Movement Disorders*. Sydney, Australia (June 16-20, 2013)
43. Nemanich ST, Duncan RP, Cavanaugh JT, Dibble LE, Ellis TD, Ford MP, **Foreman KB**, Earhart GM. (06/2013). Predictors of walking speed and differential between preferred and fast as possible walking speeds in a cohort of people with Parkinson Disease. *Proceedings of the 17th International Congress of Parkinson's Disease and Movement Disorders*. Sydney, Australia (June 16-20, 2013)
44. Hayes HA, Hunsaker N, Boyd L, **Foreman KB**, Maletsky R, Dyer P, Dibble LE (06/2013). The effects of age and Parkinson disease on performance and learning of an environmentally valid implicit motor sequence task. *Proceedings of the 17th International Congress of Parkinson's Disease and Movement Disorders*. Sydney, Australia (June 16-20, 2013)
45. **Foreman KB**, Sondrup S, Dromey C, Jarvis E, Nissen S, Dibble LE. (06/2013). Dosing dual-task balance practice: the effects of age and Parkinson disease. *Proceedings of the 17th International Congress of Parkinson's Disease and Movement Disorders*. Sydney, Australia (June 16-20, 2013)
46. Smith LK, Singer ML, **Foreman KB**, Dibble LE. (04/2013). The effects of Parkinson disease on recovery from anterior and posterior falls. *Proceedings of the Experimental Biology Meeting, Boston, MA*.
47. Singer ML, Smith LK, Dibble LE, **Foreman KB**. (04/2013). Age-Related Difference in Postural Control During Recovery from Forward and Backward Falls. *Proceedings of the Experimental Biology Meeting, Boston, MA*.
48. Papa E, **Foreman KB**, Dibble LE. (02/2013). Effect of Dopamine Replacement on Motor Control of an Eccentric Postural Control Task in Parkinson's Disease. [Abstract]. *Proceedings of the American Physical Therapy Association, Combined Sections Meeting, San Diego, CA*.
49. Addison O, LaStayo PC, Drummond M, **Foreman KB**, Marcus RL. (02/2013). Fit or Fat: The Relationship of Intramuscular Fat, Inflammation, Muscle and Mobility in Frail and Non-Frail Older Adults [Abstract]. *Proceedings of the American Physical Therapy Association, Combined Sections Meeting, San Diego, CA*.
50. Duncan RP, Leddy AL, Cavanaugh JT, Dibble LE, Ellis TD, Ford MP, **Foreman KB**, Earhart GM. (02/2013). Predicting Falls in Parkinson Disease: Is the Brief-BESTest as good as the Mini-BESTest? [Abstract]. *Proceedings of the American Physical Therapy Association, Combined Sections Meeting, San Diego, CA*.
51. **Foreman KB**, Addison O, Marcus RL, LaStayo PC, Dibble LE. (2012). The Complementary Effect of Exercise and Medication on Gait, Balance, and Disease Severity in Persons with Parkinson Disease. [Abstract]. *Proceedings of the International Society for Posture and Gait Research, Trondheim Norway*.
52. Cavanaugh JT, Ellis T, Earhart GM, Ford MP, **Foreman KB**, Dibble LE. (2012). Ambulatory Activity Monitoring: Capturing Participation-level Decline in Parkinson Disease. [Abstract]. *Proceedings of the MDS 16th International Congress of Parkinson's Disease and Movement Disorders, Dublin, Ireland*.

53. **Foreman KB**, Addison O, Marcus RL, LaStayo PC, Dibble LE. (2012). Exercise and Medication Induced Improvements in Postural Instability and Dynamic Balance Task Performance in Persons with Parkinson Disease. [Abstract]. *Proceedings of the MDS 16th International Congress of Parkinson's Disease and Movement Disorders, Dublin, Ireland.*
54. Ford MP, Cavanaugh JT, Earhart G, Ellis T, **Foreman KB**, Husingh C, McGwin G, Dibble LE. (2012) Methodological challenges in a prospective cohort study of persons with PD: Does a study of exercise behavior naturally bias the study sample? *Proceedings of the MDS 16th International Congress of Parkinson's Disease and Movement Disorders, Dublin, Ireland.*
55. Ford MP, Cavanaugh JT, Earhart G, Ellis T, **Foreman KB**, Husingh C, McGwin G, Dibble LE. (2012) Charting the progression of disability Parkinson's disease (CHOP PD): Changes in disability over 12 months. *Proceedings of the MDS 16th International Congress of Parkinson's Disease and Movement Disorders, Dublin, Ireland.*
56. Dibble LE, Addison O, Marcus RL, **Foreman KB**, LaStayo PC. (2012). Skeletal muscle quality, muscle function, and mobility of persons with moderate Parkinson's disease improves in response to exercise. *Proceedings of the MDS 16th International Congress of Parkinson's Disease and Movement Disorders, Dublin, Ireland.*
57. **Foreman KB**, Addison O, Marcus RL, LaStayo PC, Dibble LE. (2012). Effects of dopamine replacement therapy on lower extremity kinetics and kinematics during a rapid force production task in persons with Parkinson disease. [Abstract]. *Proceedings of the Gait and Clinical Movement Analysis Society (Gait and Posture), Grand Rapids, MI.*
58. Golriz S, Hebert J, **Foreman B**, Walker B. (2012) The effect of fastening a hip belt of a loaded backpack on postural stability, perceived sense of instability and exertion. *Proceedings of the XIX Congress of the International Society of Electrophysiology and Kinesiology, Brisbane, Australia.*
59. Tang R, Gungor C, Sesek R, **Foreman KB**. (2012) Improving the estimation of individual lumbar musculoskeletal structures. [Abstract]. *Proceedings of the 10th Annual Regional National Occupational Research Agenda (NORA) Young/New Investigators Symposium, Salt Lake City, UT.*
60. Smith LK, Dibble LE, **Foreman KB**. (2012). The neuroanatomy of deep brain stimulation for the treatment of Parkinson disease. [Abstract]. *FASEB J* March 29, 2012 26:920.5.
61. Willis R, Dibble LE, Rockwell WT, Marcus RL, LaStayo PC, **Foreman, KB**. (2012). How does Parkinson disease severity influence kinetics and kinematics during a rapid force production task? [Abstract]. *FASEB J* March 29, 2012 26:723.14.
62. **Foreman KB**, Schluender C, Addison O, Marcus RL, LaStayo PC, Dibble LE. (2012). Improved Gait-Related Mobility without Improvements in Postural Responses: The Blessing and the Curse of Dopamine Replacement [Abstract]. *Proceedings of the American Physical Therapy Association, Combined Sections Meeting, Chicago IL.*
63. Addison O, **Foreman KB**, Marcus RL, LaStayo PC, Dibble LE. (2012). Exercise Training Improves Muscle Function Without Muscle Structure Changes in Persons with Moderate Parkinson Disease [Abstract]. *Proceedings of the American Physical Therapy Association, Combined Sections Meeting, Chicago IL.*
64. Earhart GM, Duncan RP, Leddy AL, Cavanaugh JT, Ellis T, Ford MP, **Foreman KB**, Dibble LE. (2012). Prospective Identification of Fallers with Parkinson Disease Using the BESTest and MiniBESTest [Abstract]. *Proceedings of the American Physical Therapy Association, Combined Sections Meeting, Chicago IL.*
65. Ellis T, Boudreau JK, DeAngelis TR, Brown LE, Cavanaugh JT, Earhart GM, Ford MP, **Foreman KB**, Dibble LE. (2012). Barriers to Exercise in Persons with Parkinson Disease [Abstract]. *Proceedings of the American Physical Therapy Association, Combined Sections Meeting, Chicago IL.*
66. Addison O, Marcus RL, Dibble LE, **Foreman KB**, LaStayo PC. (2012). Intramuscular Adipose Tissue Attenuates Gains in Muscle Quality in Older Adults at High Risk for Falling [Abstract]. *Proceedings of the American Physical Therapy Association, Combined Sections Meeting, Chicago IL.*

67. Golriz S, Hebert J, **Foreman KB**, Walker B. (2011). The reliability and validity of a portable clinical force plate in clinical practice [Abstract]. *Proceedings of the 9th Biennial Chiropractic and Osteopathic Conference, Melbourne- Australia*.
68. **Foreman KB**, Willis R, Addison O, Marcus RL, LaStayo PC, Dibble LE. (2011). Effects of Dopamine Replacement Therapy on Lower Extremity Moments During a Rapid Force Production Task in Persons with Parkinson Disease. [Abstract]. *Utah Chapter of the American Physical Therapy Association (Fall Conference), Layton, UT*.
69. **Foreman KB**, Schluender C, Addison O, Marcus RL, LaStayo PC, Dibble LE. (2011). Improved Dynamic Postural Task Performance without Improvements in Postural Responses: The blessing and the curse of Dopamine Replacement [Abstract]. *Accepted to ISPGR Meeting, Akita, Japan. (meeting cancelled due to tsunami)*
70. Earhart GM, Duncan RP, Leddy AL, Cavanaugh JT, Ellis T, Ford MP, **Foreman KB**, Dibble LE. (2011). Prospective Identification of Fallers with Parkinson Disease Using the BESTest and MiniBESTest [Abstract]. *Accepted to ISPGR Meeting, Akita, Japan. (meeting cancelled due to tsunami)*
71. Smith LK, **Foreman KB**, Cardell EM, Addison O. (2011). Anatomy education for occupational therapy students: what do they need to know? [Abstract] *FASEB J* March 17, 2011 25:494.14.
72. Haaker T, **Foreman KB**, LaStayo PC, Marcus RL, Dibble LE. (2011). Force Production During a Counter Movement Jump in Persons with Parkinson Disease [Abstract]. *FASEB J* March 17, 2011 25:488.5.
73. **Foreman KB**, Addison O, Marcus RL, LaStayo PC, Dibble LE. (2011). Exercise and Medication Exert a Complementary Effect on Postural Control and Balance in persons with Parkinson Disease [Abstract]. *Gait and Posture, GCMAS Meeting, Bethesda, MD*.
74. Ellis T, Cavanaugh JT, Earhart GM, Ford MP, **Foreman KB**, Dibble LE. (2011). Do Tests of Physical Mobility Predict Health Related Quality of Life in People with Parkinson Disease [Abstract]? *Proceedings of the American Physical Therapy Association, Combined Sections Meeting, New Orleans, LA*.
75. Cavanaugh JT, Earhart GM, Ellis T, Ford MP, **Foreman KB**, Dibble LE. (2011). Physical activity characteristics of fallers and non-fallers with Parkinson disease [Abstract]. *Proceedings of the American Physical Therapy Association, Combined Sections Meeting, New Orleans, LA*.
76. Sondrup S, Jarvis E, Dromey C, **Foreman KB**, Dibble LE. (2011). Dosing dual-task balance practice: the effects of age and Parkinson disease [Abstract]. *Proceedings of the American Physical Therapy Association, Combined Sections Meeting, New Orleans, LA*.
77. Marcus RL, Derkacs D, Dibble LE, **Foreman KB**, LaStayo PC. (2011). Intramuscular Adipose Tissue and Mobility Function in Older Individuals who Have Fallen [Abstract]. *Proceedings of the American Physical Therapy Association, Combined Sections Meeting, New Orleans, LA*.
78. Yang L, Dyer P, **Foreman KB**, Bamberg SJM. (2010). A Wearable Wireless Auditory Feedback System for Gait Rehabilitation. *First AMA-IEEE Medical Technology Conference on Individualized Healthcare, Washington, DC*.
79. Ellis T, Cavanaugh JT, Earhart GM, Ford MP, **Foreman KB**, Dibble LE. (2010). Gender Impacts Physical Activity Levels in People with Parkinson Disease [Abstract]. *Seventh Annual Interdisciplinary Women's Health Research Symposium [Abstract]. Journal of Women's Health; 19(10)*.
80. Sesek R, Tang R, **Foreman KB**, Paulson R. (2010). Estimating Low Back Pain Risk Using Disc Pressure. *IERC, Cancun, Mexico*.
81. Schluender C, **Foreman KB**, Addison O, Ballard JD, Dibble LE. (2010). The Pull Test in Assessing Postural Instability in Parkinson Disease. *Utah Physical Therapy Association Annual Fall Meeting, Layton, UT*.
82. Smith EE, Chrastil CA, Carson R, Bamberg S, Dyer P, **Foreman KB**. (2010). The Impact of the Lower Extremity Ambulatory Feedback System (LEAFS) on Correcting Gait Asymmetry in the Below Knee Amputee Population [Abstract]. *Utah Physical Therapy Association Annual Fall Meeting, Layton, UT*.

83. LaStayo PC, Burton T, **Foreman KB**, Marcus RL. (2010). The Impact of an Eccentrically-biased Exercise Program within a Naturally Occurring Retirement Community (NORC) on Strength, Power and Mobility [Abstract]. *Exercise and Physical Activity in Aging Conference*.
84. Marcus RL, Derkacs D, Dibble LE, **Foreman KB**, LaStayo PC. (2010). Intramuscular Adipose Tissue and Mobility Function in Older Individuals who Have Fallen [Abstract]. *Exercise and Physical Activity in Aging Conference: Blending Research and Practice*.
85. **Foreman KB**, Cavanaugh JT, Earhart GM, Ellis T, Ford MP, Dibble LE. (2010). Accumulation of Comorbidities Worsens Functional Mobility, Motor Deficits, and Quality of Life in Persons with Parkinson Disease [Abstract]. *World Parkinson Congress, Glasgow, Scotland, UK, Mov Disord; 25(12)*.
86. Ford MP, Cavanaugh JT, Earhart GM, Ellis T, **Foreman KB**, Dibble LE. (2010). Balance, Gait Speed Flexibility, and Physical Activity Predict Walking Capacity in People with Parkinson Disease [Abstract]. *World Parkinson Congress, Glasgow, Scotland, UK, Mov Disord; 25(12)*.
87. **Foreman KB**, Cavanaugh JT, Earhart GM, Ellis T, Ford MP, Dibble LE. (2010). Does Peripheral Neuropathy Worsen Balance Performance & Functional Mobility in Persons with Parkinson Disease? [Abstract]. *World Parkinson Congress, Glasgow, Scotland, UK, Mov Disord; 25(12)*.
88. Earhart GM, Cavanaugh JT, Ellis T, Ford MP, **Foreman KB**, Dibble LE. (2010). The 9 Hole peg Test: What Does it Really Measure in People with Parkinson Disease? [Abstract]. *World Parkinson Congress, Glasgow, Scotland, UK, Mov Disord; 25(12)*.
89. Ellis T, Cavanaugh JT, Earhart GM, Ford MP, **Foreman KB**, Dibble LE. (2010). Typical Physical Activity Levels in People with Parkinson Disease: Effect of Disease State, Gender and Age [Abstract]. *World Parkinson Congress, Glasgow, Scotland, UK, Mov Disord; 25(12)*.
90. Earhart GM, Cavanaugh JT, Ellis T, Ford MP, **Foreman KB**, Dibble LE. (2010). What Combination of Tests Best Identifies Fallers in People with Parkinson Disease? [Abstract]. *World Parkinson Congress, Glasgow, Scotland, UK, Mov Disord; 25(12)*.
91. Ellis T, Cavanaugh JT, Earhart GM, Ford MP, **Foreman KB**, Dibble LE. (2010). Which UPDRS Motor / Mobility Items Best Predict Quality of Life in People with Parkinson's Disease? [Abstract]. *World Parkinson Congress, Glasgow, Scotland, UK, Mov Disord; 25(12)*.
92. Rockwell WB, Dibble L, Droge J, Carson, Smith B, **Foreman KB**. (2010). The Impact of Breast Reduction Surgery On the Low Back Compressive Forces and Function In Individuals with Macromastia [Abstract]. *Proceedings of the 21st Annual EURAPS Meeting*.
93. **Foreman KB**, Cavanaugh JT, Earhart GM, Ellis T, Ford MP, Dibble LE. (2010). Accumulation of Comorbidities Worsens Functional Mobility, Motor Deficits, and Quality of Life in Persons with Parkinson Disease [Abstract]. *Movement Disorders, 25(6), VII*.
94. **Foreman KB**, Addison O, Marcus RL, LaStayo PC, Dibble LE. (2010). A Recipe for Disaster? Postural Control and Balance Abilities of Persons with Parkinson Disease and Peripheral Neuropathy [Abstract]. *Proceedings of the American Physical Therapy Association, Combined Sections Meeting*.
95. Jarvis E, Sondrup S, **Foreman KB**, Dromey, Dibble LE. (2010). Dual Task Effects on Motor Performance of Postural and Speech Tasks: Preliminary Evidence for a Posture-First Strategy? [Abstract]. *Proceedings of the American Physical Therapy Association, Combined Sections Meeting*.
96. **Foreman KB**, Addison O, Marcus RL, LaStayo PC, Dibble LE. (2010). Postural control and clinical balance test performance differs between Parkinson disease sub-types [Abstract]. *Proceedings of the American Physical Therapy Association, Combined Sections Meeting*.
97. Barton C, Dibble LE, Carrier J, **Foreman KB**. (2010). Quantification of spinal curvatures [Abstract]. *Proceedings of the American Physical Therapy Association, Combined Sections Meeting*.
98. Dromey C, Jarvis E, Sondrup S, Nissen S, **Foreman KB**, Dibble LE. (2010). Interactions between postural stability and speech in individuals with Parkinson's disease [Abstract]. *Fifteenth Biennial Conference on Motor Speech: Motor Speech Disorders & Speech Motor Control*.

99. **Foreman KB**, Addison O, LaStayo PC, Marcus RL, Dibble LE. (2009). Differential effects of dopamine replacement on clinical and laboratory measures of postural control in persons with Parkinson disease [Abstract]. *Proceedings of the XVIII WFN World Congress on Parkinson's Disease and Related Disorders*.
100. Dibble LE, **Foreman KB**, Addison O, Marcus RL, LaStayo PC. (2009). Postural control differs between Parkinson disease sub-types [Abstract]. *Proceedings of the XVIII WFN World Congress on Parkinson's Disease and Related Disorders*.
101. **Foreman KB**, Dibble LE, Droge J, Carson R, Rockwell WB. (2009). The Impact of Breast Reduction Surgery on the Low Back Compressive Forces and Function in Individuals with Macromastia [Abstract]. *Plast Reconstr Surg*, 124(4S), 73-4.
102. Pelt C, Beals T, Turner C, Bachus K, **Foreman KB**. (2009). MicroCT Density Analysis of the Medial Wall of the Human Medial Cuneiform [Abstract]. *Proceedings of the American Orthopaedic Foot & Ankle Society*.
103. Lynn LK, **Foreman KB**. (2009). A computer-assisted instructional tool for gross neuroanatomy [Abstract]. *FASEB Journal*, 23, 478.1.
104. **Foreman KB**, Rockwell WB, Droge J, Randy Carson R, Homer H, Dibble LE. (2009). Reduction Mammoplasty Reduces Lumbar Spine Net Joint Forces and Improves Self-Reported Function In Individuals with Macromastia [Abstract]. *FASEB Journal*, 23, 823.2.
105. Dibble LE, **Foreman KB**, Addison O, Marcus RL, LaStayo PC. (2009). Differential Effects of Dopamine Replacement on clinical and Laboratory Measures of Postural control in Moderate Parkinson Disease [Abstract]. *Proceedings of the American Physical Therapy Association, Combined Sections Meeting*.
106. **Foreman KB**, Rockwell WB, Droge J, Carson R, Homer H, Dibble LE. (2009). Reduction Mammoplasty Reduces Lumbar Spine Net Joint Forces and Improves Self-Reported Function In Individuals with Macromastia [Abstract]. *Proceedings of the American Physical Therapy Association, Combined Sections Meeting*.
107. Lynn KL, **Foreman KB**. (2008). A Computer-Assisted Instructional Tool for Gross Anatomy of the Brain [Abstract]. *Proceedings from the International Association of Medical Science Educators (IAMSE)*.
108. Lynn KL, **Foreman KB**. (2008). A clay construction activity and its effect on learning in gross anatomy [Abstract]. *FASEB Journal*, 22, 385.3.
109. Homer H, Rasmussen IR, Lowe GC, Liddle DG, **Foreman KB**, Morton DA. (2008). Addressing the challenge of learning cranial nerves in a medical school curriculum and a proposed solution [Abstract]. *FASEB Journal*, 22, 769.3.
110. Morton DA, Bradshaw WS, Alder SC, **Foreman KB**, Bell JD. (2008). Improving analytical reasoning skills in the gross anatomy classroom [Abstract]. *FASEB Journal*, 23, LB5.
111. **Foreman KB**, Morton DA, Albertine KH. (2008). The Use of OsiriX & Adobe Flash to Deliver Case-Based Radiology to the Classroom & through the Internet [Abstract]. *FASEB Journal*, 22, 13.4.
112. Mehler M, Hale TF, **Foreman KB**, Dibble LE. (2008). Differences in anticipatory postural adjustments between fallers and non-fallers in persons with Multiple Sclerosis [Abstract]. *Journal of Neurologic Physical Therapy*, 31(4), 190-232.
113. Lasco KA, **Foreman KB**, Dibble LE. (2008). Disease severity differences in anticipatory postural adjustments in persons with Parkinson disease [Abstract]. *Journal of Neurologic Physical Therapy*, 31(4), 190-232.
114. **Foreman KB**, Dibble LE, Marcus RL, Droge J, Ward A, LaStayo PC. (2008). Eccentric Forces During Resistance Exercise in a Rehabilitation Setting: Are They Supramaximal? [Abstract]. *Proceedings of the American Physical Therapy Association, Combined Sections Meeting*.
115. **Foreman KB**, Dibble LE, Marcus RL, Droge J, Ward A, LaStayo PC. (2008). Eccentric Forces during Resistance Exercise in a Rehabilitation Setting: Are they Supra-Maximal? [Abstract]. *FASEB Journal*, 22, 980.2.

116. Marcus RL, Kidde J, Dibble LE, Gerber JP, **Foreman K**, LaStayo PC. (2008). Increasing Intramuscular Fat: A Consequence of Aging, Impairment, or Both? [Abstract]. *Journal of Orthopedic and Sports Physical Therapy*, 38(1), A48.
117. Pelt C, Beals TC, Turner C, Bachus KN, **Foreman KB**. (2008). MicroCT Density Analysis of the Medial Wall of the Human Medial Cuneiform [Abstract]. *Proceedings of the American Academy of Orthopaedic Surgeons*.
118. **Foreman KB**, Morton DA, Stensaas S, Abaidoo C. (2007). Introducing Computer-Assisted Instruction in West Africa [Abstract]. *Proceedings of Slice of Life*.
119. Morton DA, Abaidoo CS, Stensaas SS, **Foreman KB**. (2007). Incorporating Computer-Assisted Instruction into a Ghana, West Africa, Medical School Curriculum [Abstract]. *FASEB Journal*, 21, 322.3.
120. Rockwell WB, **Foreman KB**, Ku JK. (2007). Arterial Conduits for Microvascular Reconstruction [Abstract]. *Rocky Mountain Association of Plastic Surgeons Abstracts 2007*.
121. Ku JK, **Foreman KB**, Rockwell WB. (2007). The Deep Inferior Epigastric Artery as a Bypass Conduit for Microvascular Bypass - An Anatomic Study [Abstract]. *Rocky Mountain Association of Plastic Surgeons Abstracts 2007*.
122. **Foreman KB**. (2007). The Need for Plastic Surgery in Ghana, West Africa [Abstract]. *Rocky Mountain Association of Plastic Surgeons Abstracts 2007*.
123. Ku JK, Siddiqi FA, **Foreman KB**. (2006). The Deep Inferior Epigastric Artery: Anatomy and Applicability as a Source of Microvascular Arterial Grafts [Abstract]. *Plastic and Reconstructive Surgery Abstracts 2006*.
124. DeFriez CB, **Foreman KB**, Eckel CM, Morton DA, Horwitz DS, Mohr RA, Albertine KA. (2006). Collaborative Human Gross Anatomy - Orthopedic Board Preparation Course at The University of Utah School of Medicine [Abstract]. *FASEB Journal*, 20(4), A452.
125. Morton DA, **Foreman KB**, Blackham RB, Koehn K, Eckel CM, Albertine KH. (2006). Radiographic Interactive Teaching Tool for First-Year Medical Students Taking Gross Anatomy [Abstract]. *FASEB Journal*, 20(4), A19.
126. **Foreman KB**, Morton DA, Musolino GM, Albertine KH. (2006). Technology Needs Assessment of Medical, Dental, Physical Therapy and Occupational Therapy Students [Abstract]. *FASEB Journal*, 20(4), A419.
127. Dibble LE, **Foreman KB**, and Hayes H. (2006). Tracking the Natural History of Mobility Loss in Neurodegenerative Diseases: Preliminary Results Using an Online Database Tracking System [Abstract]. *Journal of Neurologic Physical Therapy*, Dec 2006.
128. Morton DA, **Foreman KB**, Eckel CM, Albertine KH. (2005). Cadaver dissection as a means to improve spatial ability [Abstract]. *FASEB Journal*, 19(5), A1352.
129. Eckel CM, Campbell AD, Morton DA, **Foreman KB**, Lind BK, Petersen KD, Albertine KH. (2005). Choice of dissection guide influences student experience in the human gross anatomy laboratory [Abstract]. *FASEB Journal*, 19(4), A781.
130. **Foreman KB**, Morton DA, Ash JF, Musolino G, Albertine KH. (2005). Evaluation of handheld computers for a medical histology course [Abstract]. *FASEB Journal*, 19(5), A1358.
131. Eckel CM, Szzakacs JG, Ash JF, Morton DA, **Foreman KB**, Albertine KH. (2005). Unexpected benefits of the cadaver autopsy project at the University of Utah School of Medicine [Abstract]. *FASEB Journal*, 19(5), A1337.
132. Morton DA, **Foreman KB**. (2004). Creating and publishing TK3® eBooks - a true multimedia eBook [Abstract]. *Slice of Life Program/Abstract Book*, 25.
133. Morton DA, **Foreman KB**, Goede PA, Eckel C, Albertine KH. (2004). TK3® books provide advantages for viewing anatomic teaching content [Abstract]. *FASEB Journal*, 18(5), A763.
134. Eckel CM, **Foreman KB**, Morton DA, Szakacs JG, Ash JF, Albertine KH. (2004). The Cadaver as a teaching tool to integrate gross anatomy, histology, and pathology courses in the first-year medical curriculum [Abstract]. *FASEB Journal*, 18(5), A772.

135. Rockwell W, Valnicek S, **Foreman KB**, Hurst C, Webster C, Mosher MC. (2004). The subscapular arterial tree as a source of microvascular arterial grafts for vascular disease distal to the wrist [Abstract]. *Journal of Plastic and Reconstructive Surgery Abstracts 2004*.
136. **Foreman KB**, Ash JF, Morton DA, Albertine KH. (2004). The use of a Personal Digital Assistant to deliver histology lecture and laboratory content [Abstract]. *Slice of Life Program/Abstract Book*, 108.
137. **Foreman KB**, Morton DA, Eckel C, Albertine KH. (2004). Use of Macromedia Flash MX® as a tool to deliver imaging material [Abstract]. *FASEB Journal*, 18(4), A20.
138. Morton DA, **Foreman KB**, Goede PA, Albertine KH. (2004). Use of TK3® author to create and distribute anatomic content [Abstract]. *FASEB Journal*, 18(4), A20.
139. **Foreman KB**, Morton DA, Eckel CM, Albertine KH. (2004). Use of an interactive template to deliver educational material to students enrolled in neuroanatomy [Abstract]. *FASEB Journal*, 18(5), A764.
140. **Foreman K**, Morton DA, Kendrick J, Albertine KH. (2003). The Use of Interactive Computer Software as an Ancillary Tool for Teaching Human Gross Anatomy [Abstract]. *FASEB Journal*, 17(5), A775.
141. Morton DA, Lord RK, **Foreman K**, Albertine KH. (2003). Use of eBook for Human Gross Anatomy Teaching [Abstract]. *FASEB Journal*, 17(5), A775.

C. Books

1. Morton DA, **Foreman KB**, Albertine KA. (2011). *Gross Anatomy: The Big Picture*. McGraw-Hill, ISBN: 9780071476720 / 0071476725, 1-498.

D. Other (Commentary/Letters/Editorials/Case Reports/Video/Film)

Other

1. **Foreman KB**. (2012). Podcast Interview for Television Network: The many uses of cadavers. *Utah Educational Network (UEN)* (August, 10th, 2012).
2. **Foreman KB**. (2010). Published Interview: Breast Reduction Surgery Research. *Woman's World Magazine* (Feb. 1st, 2010).
3. Rockwell WB, Haidenberg J, **Foreman KB**. (2008). Author reply to letter to editor regarding: Thumb Replantation Using Arterial Conduit Graft and Dorsal Vein Transposition. *Plast Reconstr Surg* (122, p. 1201).
4. Dibble LE, Christensen J, Ballard DJ, **Foreman KB**. (2008). Author Response to Letter to the Editor Regarding: Diagnosis of Fall Risk in Parkinson Disease: An Analysis of Individual and Collective Clinical Balance Test Interpretation. *Phys Ther* (88, pp. 679-80).
5. Rockwell WB, **Foreman KB**. (2005). Author reply to letter to editor regarding: Inferior epigastric artery as autogenous arterial graft. *Plast Reconstr Surg* (114, p. 1020).

Video/Film/CD/Web/Podcast

1. Morton DA, Peterson KD, **Foreman KB**, Albertine KH. (2004). Elsevier Science web site for Dissection Guide for Human Anatomy (Content Developer) [Web]. Philadelphia: Philadelphia, Elsevier Inc.

E. Pending Publications

Journal Articles

1. Garg H, Dibble LE, Schubert MC, Sibthorp J, **Foreman KB**, Gappmaier E. Gaze stability, dynamic balance and participation deficits in people with multiple sclerosis at fall-risk. *Multiple Sclerosis Journal*. (Submitted 9/15)
2. Garg H, Schubert MC, Gappmaier E, Sibthorp J, **Foreman KB**, Dibble LE. Test-retest reliability and response stability of gaze stabilization, postural sway and dynamic balance tests in persons with Multiple Sclerosis and controls. *Archives of Physical Medicine and Rehabilitation*. (Submitted 9/15)

3. Garg H, Schubert MC, Gappmaier E, **Foreman KB**, Sibthorp J, Dibble LE. Adaptations in gaze, galvanic-induced postural sway, balance and participation after home-based training in people with Multiple Sclerosis. *Journal of Neurologic Physical Therapy*. (Submitted 9/15)

VI. PRESENTATIONS, INVITED LECTURES AND SYMPOSIA-FREE COMMUNICATIONS

Invited/Visiting Professor Presentations

National

- | | |
|------|--|
| 2017 | Using Motion Capture, Virtual Reality, and 3D Fluoroscopy for Clinical Reasoning and Rehabilitation in Humans Presented and published in the proceedings of the 2017 “Anatomist On The Edge Conference”; Galway, Ireland; June 27 th -29 th , 2017 |
| 2016 | Achieving Tenure as a Clinical Researcher. Experimental Biology 2016, San Diego, CA, April 2-6, 2016. |
| 2014 | Biomechanical Insight into Postural Instability. Simon Fraser University, Vancouver, BC. |
| 2011 | Using Motion Analysis to Evaluate Clinical Interventions and Disease Progression. University of Delaware, College Park, Maryland |
| 2010 | Motion Analysis in Ergonomic Evaluation. Auburn University, Auburn, Alabama, USA |
| 2010 | Functional Anatomy for Engineers. Auburn University, Auburn, Alabama, USA |
| 2008 | Introducing Computer-Assisted Instruction into Nursing Training Programs in Ghana. Annual Principals Meeting, Kumasi, Ghana, West Africa, May 16, 2008. |
| 2008 | The Use of OsiriX & Adobe Flash to Deliver Case-Based Radiology to the Classroom & through the Internet. Experimental Biology 2008, San Diego, CA, April 5-9, 2008. |
| 2006 | Use of Tablet PC's in Teaching the Anatomical Sciences. Experimental Biology, San Francisco, CA |
| 2006 | Radiographic Interactive Teaching Tool for First-Year Medical Students Taking Gross Anatomy. Experimental Biology 2006, San Francisco, CA, April 1-April 5, 2006. |
| 2006 | Technology Needs Assessment of Medical, Dental, Physical Therapy and Occupational Therapy Students. Experimental Biology, San Francisco, CA |
| 2004 | Use of Macromedia Flash MX® as a tool to deliver imaging material. Experimental Biology, Washington, D.C. |

Regional

- | | |
|------|--|
| 2009 | Brains and Nerves: The Neuroanatomic Basis of Stroke, American Physical Therapy Association: Utah Chapter Conference, Layton, UT |
| 2009 | Brains and Nerves: The Neuroanatomic Basis of Diabetic Peripheral Neuropathy, American Physical Therapy Association: Utah Chapter Conference, Layton, UT |
| 2009 | Brains and Nerves: The Neuroanatomic Basis of MS, American Physical Therapy Association: Utah Chapter Conference, Layton, UT |

Local

- | | |
|------|--|
| 2007 | Incorporating Computer-Assisted Instruction into a Ghana, West Africa, Medical School Curriculum. U of U Global Health Alliance, University of Utah, Salt lake City, UT, October, 2007. |
| 2007 | Using Ink-Enabled Applications on the Tablet PC for Note Taking and Organization of Lecture Materials. Oklahoma State University School of Osteopathic Medicine, Tulsa, OK, September 12-13, 2007. |

- 2007 Creating, Distributing, and Annotating Lecture Material Using the Tablet PC. Oklahoma State University School of Osteopathic Medicine, Tulsa, OK, September 12-13, 2007.
- 2006 Using Technology to Teach in the New Health Sciences Building. General Communications, University of Utah, Salt Lake City, UT, November 9-10, 2006.
- 2006 Use of Handheld Computers as an Ancillary Teaching tool. Library and Information Technology Forum, Univ. of Utah SOM, Salt Lake City, UT

Peer-Reviewed Presentations

International

- 2012 The Complementary Effect of Exercise and Medication on Gait, Balance, and Disease Severity in Persons with Parkinson Disease. Accepted for platform presentation to the International Society for Posture and Gait Research, Trondheim Norway, June 24-28, 2012.
- 2007 Introducing Computer-Assisted Instruction in West Africa. Slice of Life 2007, Salt Lake City, UT, June 26-30, 2007.
- 2004 The Use of a Personal Digital Assistant to Deliver Histology Lecture and Laboratory Content. Slice of Life 2004, Amsterdam and Leiden, The Netherlands, June 28-July 3, 2004.

National

- 2012 Effects of dopamine replacement therapy on lower extremity kinetics and kinematics during a rapid force production task in persons with Parkinson disease. Gait and Clinical Movement Analysis Society Meeting, Grand Rapids MI, May 9-12, 2012.
- 2011 Improved Gait-Related Mobility without Improvements in Postural Responses: The Blessing and the Curse of Dopamine Replacement. American Physical Therapy Association, Combined Sections Meeting, Chicago IL, Feb 8-11, 2012.
- 2009 The Impact of Breast Reduction Surgery On the Low Back Compressive Forces and Function In Individuals with Macromastia. American Society of Plastic Surgeons, Seattle, WA.
- 2005 Evaluation of Handheld Computers for a Medical Histology Course. Experimental Biology 2005, San Diego, CA, March 31-April 6, 2005.
- 2004 Use of an Interactive Template to Deliver Educational Material to Students Enrolled in Neuroanatomy. Experimental Biology 2004, Washington, D.C., April 17-21, 2004.
- 2003 The Use of Interactive Computer Software as an Ancillary Tool for Teaching Human Gross Anatomy. Experimental Biology 2003, San Diego, CA, April 11-15, 2003.

Regional

- 2007 The Need for Plastic Surgery in Ghana, West Africa. Rocky Mountain Association of Plastic Surgeons 2007, Park City, UT, February 16-19, 2007.

Grand Rounds Presentations

- 2014 Plastic Surgery: Anatomy of the Upper Limb I
- 2014 Plastic Surgery: Anatomy of the Lower Limb I
- 2014 Plastic Surgery: Anatomy of the Head and Neck
- 2013 Plastic Surgery: Anatomy of the Upper Limb I
- 2013 Plastic Surgery: Anatomy of the Lower Limb I
- 2013 Plastic Surgery: Anatomy of the Head and Neck

2012	Plastic Surgery: Anatomy of the Lower Limb I
2012	Plastic Surgery: Anatomy of the Upper Limb I
2012	Plastic Surgery: Anatomy of the Upper Limb II
2012	Plastic Surgery: Head and Neck Anatomy
2012	Plastic Surgery: Facial Anatomy
2011	Plastic Surgery: Facial Anatomy
2011	Plastic Surgery: Anatomy of the Upper Limb
2011	Plastic Surgery: Anatomy of the Lower Limb I
2011	Plastic Surgery: Anatomy of the Lower Limb II
2010	Plastic Surgery: Anatomy of the Upper Limb I
2010	Plastic Surgery: Anatomy of the Upper Limb II
2010	Plastic Surgery: Anatomy of the Lower Limb
2009	Plastic Surgery: Compartments of the Lower Limb
2009	Plastic Surgery: Anatomy of the Lower Extremity
2009	Plastic Surgery: Head and Neck Anatomy
2008	Plastic Surgery: Anatomy of the Lower Limb I
2008	Plastic Surgery: Anatomy of the Upper Limb
2008	Plastic Surgery: Neural Plexuses
2008	Plastic Surgery: Anatomy of the Lower Limb II
2007	Plastic Surgery: Anatomy of the Hand
2007	Plastic Surgery: Anatomy of the Hand II
2007	Plastic Surgery: Anatomy of the Face I
2007	Plastic Surgery: Anatomy of the Lower Limb
2007	Plastic Surgery: Anatomy of the Face II
2007	Plastic Surgery: Anatomy of Facial Fractures

VII. GRANT WRITING AND RELATED ACTIVITIES

Active Grants

1R18HS025606-01A1 (Merryweather/Morse) 09/30/2018 – 09/29/2023
 1.2 calendar months (10%) \$1,990,321 (Total Award)
 NIH/HSQR Role: Co-Investigator

CO: 1 AMS Circle, Bethesda, MD 20892-3675

Reconfiguring the patient room as a fall protection strategy to increase patient stability during ambulation

The objective of this study is to address patient hospital rooms by experimentally designing a reconfiguration to reduce the risk of falling.

Submitted: January, 2018

1 I01 RX002513-01A1 (Sinclair) 08/01/2018 – 07/30/2021
 2.4 calendar months (20%) \$825,000 (Total Award)
 VA RR&D Merit (Veterans Administration Rehabilitation Research & Development Merit) Role: Co-Investigator

CO: TBA

Screening of Above elbow Amputees for Advanced Prosthetic Devices

Above Elbow Amputee Residual Limb Characterization and Screening for Osseointegrated Prosthesis

Submitted: December, 2017

PAC12 Research Grant (Anderson) 5/1/2018 – 4/30/2021
 0.7 calendar months (6%) \$660,000 (Direct Costs)
 PAC 12 Role: Co-Investigator

Developing a Comprehensive, Quantitative Understanding of Hip Morphometrics and Biomechanics in Collegiate Athletes at Risk for Developing Femoroacetabular Impingement Syndrome

Determine if collegiate athletes are at a higher risk of developing femoroacetabular impingement syndrome based on the 3D shape of their hip. Develop predictive relationships between hip shape and kinematics, kinetics, and muscle activations measured in collegiate athletes.

Overlap: None

1R01AR067196-01A1 (Henninger)

5/1/16- 4/30/21

0.96 calendar months (8%)

\$2,300,000 (Total Award)

NIH/NIAMS

Role: Co-Investigator

CO: 1 AMS Circle, Bethesda, MD 20892-3675

Biomechanics of reverse total shoulder arthroplasty

Quantify the transient changes in scapulohumeral kinematics in reverse total shoulder patients during short term (<1 yr) recovery. Test the relationships between shoulder kinematics and implant hardware configuration in the laboratory using a dynamic shoulder simulator. Validate a predictive model of patient range of motion using both patient-specific and laboratory data.

Overlap: None

VA259-14-D-0288 (Foreman)

03/01/18 – 02/28/19

1.3 calendar months (11%)

\$13,500 (total Award)

Veterans Administration Health Care System

Role: Co-Investigator

CO: George E. Wahlen Department of Veterans Affairs Medical Center, 500 Foothill Drive, SLC, UT 84148

Contract to perform biomechanics data collection for the study: The Safety study of Percutaneous Osseointegrated Implants for Prosthetic Attachment

The goal of this project is to collect biomechanics data to investigate the safety and feasibility of using a transfemoral percutaneous osseointegrated implant.

Overlap: None

PP-1512-07101 (Foreman)

09/01/16- 02/31/18

0.96 calendar months (8%)

\$43,910 (Total Award)

National Multiple Sclerosis Society

Role: Principal Investigator

CO: 733 3rd Ave, 3rd Floor, New York, NY 10017

Compensatory Step Training in Persons with MS: Characterizing Postural Motor Learning

The goal of this study is to determine whether balance skill learning and repetitive task training can improve coordination of protective steps. We will also see whether there are differences in learning between people with relapsing remitting forms of MS and healthy age-matched controls.

Overlap: None

1162617 (Minor/Foreman/Hollerback/Merryweather)

10/01/12- 09/30/19

0.75 calendar months (6%)

\$1,116,554 (Total Award)

National Science Foundation

Role: Co-Principal Investigator

PM: Ephraim P. Glinert, IIS Div Of Information & Intelligent Systems,

CSE Direct For Computer & Info Science & Engineering, 4201 Wilson Boulevard, Arlington, VA 22230

HCC: Medium: Collaborative Research: Haptic display of Terrain Characteristics and Its application in Virtual and Physical Worlds

To realistically display terrain in an immersive Virtual Reality locomotion interface based upon modification of the foot/terrain interaction and to use this environment as a training tool for individuals with Parkinson disease.

Overlap: None

Intramural (Rockwell)

04/01/17 – 03/31/18

.5 calendar months (4%)

\$5,000 (total Award)

University of Utah, Division of Plastic Surgery

Role: Co-Investigator

CO: 30 North 1900 East, Rm. 3B400, Salt Lake City, Utah 84132

Biomechanical Changes Pre and Post Abdominoplasty Surgery

The goal of this intramural pilot project is to determine if biomechanical changes occur during gait and functional activities post abdominoplasty surgery. Data from this pilot study will be used to apply for extramural funding.

Overlap: None

Pending Grants

1 R01 HD098154-01 (Lenzi) 04/01/2019-03/31/2024
1.8 calendar months (15%) \$2,578,148 (Total Award)
NIH/NICHD Role: Co-Investigator
CO: 1 AMS Circle, Bethesda, MD 20892-3675
Lightweight Powered Prosthesis for above-knee amputees
The objective of this proposal is to identify key prosthesis attributes required to improve the mobility level of above-knee amputees from limited (K2) to community (K3) ambulators. Our central hypothesis is that a lightweight powered prosthesis can facilitate a transition into variable-speed ambulation and the negotiation of environmental barriers (K3 level) for those amputee patients who currently function at the upper end of the K2 level.
Overlap: None

TBA (Bachus) 07/01/2017 – 06/30/2021
2.0 calendar months (17%) \$2,999,657 (Total Award)
Dept. of the Army -- USAMRAA Role: Co-Investigator
CO: TBA
Safety and Functionality of Osseointegrated Percutaneous Implants for Patients with Transhumeral Amputations
The goal of this proposed work is the clinical introduction of percutaneous OI devices through an FDA monitored Early Feasibility Study (EFS) for patients with transhumeral amputations from the military, VA, and civilian communities, establishing its safety and functionality.
Overlap: None

TBA (Sinclair) 08/01/2018 – 07/30/2020
2.4 calendar months (20%) \$761,000 (Total Award)
VA RR&D Merit (Veterans Administration Rehabilitation Research & Development Merit) Role: Co-Investigator
CO: TBA
Screening of Above elbow Amputees for Advanced Prosthetic Devices
Above Elbow Amputee Residual Limb Characterization and Screening for Osseointegrated Prosthesis
Submitted: Dec 15, 2016
Overlap: Yes, this grant overlaps for the first year of the “Safety and Functionality of Osseointegrated Percutaneous Implants for Patients with Transhumeral Amputations” listed above. If both grant are funded, discussions with the granting agencies will be held to determine the best direction in moving forward with the projects.

TBA (Merryweather) 07/01/2017 – 06/30/2019
0.72 calendar months (6%) \$415,625 (Total Award)
National Institutes of Health (NIH) Role: Co-Investigator
CO: TBA
Hybrid Mobility Assistant Robot for Situational Awareness and Independent Living
The goal of this proposal is to create a hybrid mobility assistant robot to monitor mobility and provide individuals with technology that capitalizes on the many wireless sensors already available for health monitoring and communication and inexpensive robotic technology designed for the home.
Overlap: None

TBA RO1 (Anderson) 09/01/2017 – 08/31/2022
1.0 calendar months (8.3%) \$2,453,557 (Total Award)
National Institutes of Health (NIH) Role: Co-Investigator
CO: TBA
Morphometrics and Kinematics of Cam-type Femoroacetabular Impingement
The objectives of this study are to: 1) determine if there are anatomic features unique to symptomatic and asymptomatic hips that have the same X-ray measurements of cam FAI, 2) elucidate how cam morphology and pain modulate kinematics and develop a statistical model to predict hip kinematics based on shape, and 3) establish the efficacy of surgery to improve kinematic function and shape.
Overlap: None

Past Grants

1F32AR067075-01A1 (Fiorentino) 04/01/15-03/31/18
0.0 calendar months (0%) \$~165,000 (total award)
National Institutes of Health (NIAMS) Role: Co-Sponsor
CO: 1 AMS Circle, Bethesda, MD 20892-3675

Hip Biomechanics and Tissue Damage Mechanisms in Femoroacetabular Impingement

The goal of this study is to support a post-doctoral student to study femoroacetabular impingement under the sponsorship of Dr. Andy Anderson. I will serve as a co-sponsor and provide support in the area of motion capture and biomechanics.

Overlap: None

VA Contract: 36C25918C0118 (Foreman) 07/01/16 – 06/30/17
1.7 calendar months (14%) \$23,000 (total Award)
Veterans Administration Health Care System Role: Co-Investigator

CO: George E. Wahlen Department of Veterans Affairs Medical Center, 500 Foothill Drive, SLC, UT 84148

Contract to perform biomechanics data collection for the study: The Safety study of Percutaneous Osseointegrated Implants for Prosthetic Attachment

The goal of this project is to collect biomechanics data to investigate the safety and feasibility of using a transfemoral percutaneous osseointegrated implant.

Overlap: None

#NA (Dibble) 10/01/15 – 09/30/16
0.7 calendar months (6%) \$226,000 (Total Costs)
United States Army Advanced Medical Technology Initiative Role: co-Investigator

CO: USAMRMC Public Affairs Office, 810 Schreider Street, Suite 100, Fort Detrick, MD 21702-5000

Feasibility of Accelerometry to Discriminate Alterations in Postural Control Following Vestibular Insult

The goal of this project was to investigate the feasibility of an accelerometer to detect changes in postural control following a vestibular insult. This research will be utilized to support detection of vestibular insults in the field for our armed forces.

Overlap: None

#NA (Lester) 10/01/15- 09/30/16
0.0 calendar months \$225,000 (total Award)
US Army Advanced Medical Technology Initiative Role: co-Investigator.

Community based measurement of instability and exposure in persons with postural instability.

To validate the use of wearable technology to quantify exposure to high velocity head movements during community mobility in persons with vestibular deficiency

Overlap: None.

R44HD069095 (Kobayashi) 09/28/11 - 06/30/16
0.7 calendar months \$37,210 [total costs]
National Institutes of Health (NIH) Role: Subaward
9000 Rockville Pike, Bethesda, Maryland 20892

Validation of a Computerized Orthotic Prescription System

Subaward to collect biomechanics data for the development of an orthotic prescription system. To examine the use of an instrumented ankle-foot orthoses (AFO) to inform AFO fabrication for patients who experienced a stroke and to improve functional performance.

Overlap: None

R21AR063844 (Anderson) 05/01/13 - 04/30/16
0.7 calendar months \$238,109 [total costs]
National Institutes of Health (NIH) Role: co-Investigator
9000 Rockville Pike, Bethesda, Maryland 20892

Musculoskeletal and Finite Element Modeling of Femoroacetabular Impingement

To perform a comprehensive investigation of hip joint biomechanics to: elucidate the relationship between FAI and OA, standardize FAI diagnosis, determine need for FAI surgery, and guide refinement of current treatment strategies.

Overlap: None

#NA (Lester) 10/01/14-09/30/16

0.1 calendar months \$129,000 [total costs]

United States Army Advanced Medical Technology Initiative

Role: co-Investigator

USAMRMC Public Affairs Office, 810 Schreider Street, Suite 100, Fort Detrick, MD 21702-5000

Utility of Portable Video Technologies to Discriminate Alterations in Postural Control

The goal of this project was to investigate the feasibility of using 2D technology for biomechanical analysis compared to the gold standard of a 3D optical system. This research will be utilized to support biomechanical analysis in the field for our armed forces.

Overlap: None

Equipment Grant: Skin marker based motion capture system 02/03/14

University of Utah Research Instrumentation Funds

Total Costs: \$48,880

Submission date: 12/11/13

Role: Principal Investigator

The purpose of this grant was to purchase a new 10 camera Vicon motion capture system to go around the instrumented treadmill in the Motion Analysis Core Facility located at 520 Wakara Way, SLC, UT.

VP_00001159 (Mascaro) 01/30/14-01/30/15

0.1 calendar months \$35,000 [total costs]

University of Utah Incentive Seed Grant Program

Role: co-Investigator

Vice President for Research, 201 Presidents Circle Room 210, Salt Lake City, UT

Anatomically Correct Finger Kinematics

To develop a test model and computer software to begin the ground work for the development of an anatomically correct robotic hand.

Overlap: None

#1215290 and #1331108 (Bamberg) 12/31/12- 11/31/14

0.1 calendar months \$30,872 [total costs]

National Science Foundation

Role: co-Investigator

4201 Wilson Boulevard, Arlington, VA 22230

Real-Time Rehab to Improve Gait Symmetry in Amputees

Subaward to collect biomechanics data for the development and improvement of a real-time biofeedback insole.

Overlap: None

UTYR2269 (Foreman) 07/01/12-07/01/14

National Institute of Health - Loan Repayment Program

\$39,123 [total costs]

National Institute of Health – NINDS

Role: Principal Investigator

The purpose was to provide support to a young investigator for 2-years to develop their focused line of research.

#NA (Foreman) 07/01/12 - 12/30/13

0.1 calendar months \$27,000 [total costs]

University of Utah Incentive Seed Grant Program

Role: Principal Investigator

Vice President for Research, 201 Presidents Circle, Room 210, Salt Lake City, UT

Acquisition of Sensory Re-Weighting Skill in Persons with Parkinson Disease

To examine the role of intensive balance task practice on measures of postural instability, balance task performance, and falls in the community

Overlap: None

#NA (Foreman) 05/31/11- 06/30/13

0.1 calendar months \$32,000 [total costs]

Parkinson Disease Foundation

Role: Principal Investigator

9000 Rockville Pike, Bethesda, Maryland 20892.

Unveiling the Natural History of Quality of Life and Mobility Decline in Persons with Parkinson's Diseases: A Prospective Cohort Study

To examine the trajectory of decline in functional mobility over time in persons with PD and the role of physical activity and exercise in altering this trajectory

Overlap: None

- 01/01/08 - 02/28/13 The Moderating Effects of Muscle Conditioning on Falls and Mobility in Frail Elderly: 1-R01 AG031255-01A1
Principal Investigator(s): Robin L. Marcus; Paul C. LaStayo; Leland E. Dibble
Direct Costs: \$1,736,352 Total Costs: \$2,592,846
National Institutes of Health
Role: Collaborator
- 10/01/11- 10/01/12 Eccentric Knee Control During Stair Descent.
Principal Investigator: Yuri Yoshida
Direct Costs: \$5,100 Total Costs: \$5,100
Japanese Physical Therapy Association
Role: Co-Investigator
- 07/01/11- 06/30/12 Sensory Integration and Motor Planning Exercise in Parkinson Disease
Principal Investigator: Lee Dibble
Direct Costs: \$20,000 Total Costs: \$20,000
Center on Aging Pilot Research Grant
Role: Co-Investigator
- 05/17/11- 11/17/12 Influence of dopaminergic medication on single step recovery from a simulated posterior fall in subjects with Parkinson disease.
Direct Costs: \$5,000 Total Costs: \$5,000
COH Dean's Research Incentive Fund
Role: Principal Investigator
- 01/12/11- 01/12/12 AAA Short-term Visiting Scholarship for Visual 3D Training
Direct Costs: \$1,500 Total Costs: \$1,500
American Association of Anatomy
Role: Principal Investigator
- 06/28/10 - 10/30/11 Modifying Risk Estimates for Low Back Pain Based on Disc Pressure
Principal Investigator: Richard Sesek (Auburn University)
Direct Costs: \$9,149 Total Costs: \$9,149
Rocky Mountain Center for Occupational & Environmental Health
Role: Co-Investigator
- 09/01/09 - 09/01/10 The Lower Extremity Feedback System (LEFS): A Novel Device to Measure and Correct Gait Asymmetry
Principal Investigator: Joseph B. Webster
Direct Costs: \$25,000 Total Costs: \$25,000
University of Utah Center for Clinical and Translational Science (CCTS)
Role: Co-Investigator
- 08/01/09 - 08/01/11 Lower Extremity Kinetic and Kinematic Assessment in Knee Osteoarthritis: A Rehabilitative Tool
Principal Investigator: Charlie Hicks-Little
Direct Costs: \$5,000 Total Costs: \$5,000
Center for Contemporary Rehabilitation Research, Education & Practice
Role: Co-Investigator
- 05/01/09 - 09/31/11 Unveiling the Natural History of Mobility and Quality of Life Decline in Parkinson Disease - Washington University in St. Louis Site
Principal Investigator: Gammon Earhart
Direct Costs: \$60,000 Total Costs: \$60,000

Davis Phinney Foundation /Parkinson Disease Foundation
 Role: Co-Investigator
 05/01/09 - Unveiling the Natural History of Mobility and Quality of Life Decline in Parkinson Disease -
 09/31/11 Boston University Site
 Principal Investigator: Terry Ellis
 Direct Costs: \$60,000 Total Costs: \$60,000
 Davis Phinney Foundation /Parkinson Disease Foundation
 Role: Co-Investigator

05/01/09 - Unveiling the Natural History of Mobility and Quality of Life Decline in Parkinson Disease -
 09/31/11 University of Utah Site
 Direct Costs: \$100,000 Total Costs: \$100,000
 Davis Phinney Foundation /Parkinson Disease Foundation
 Role: Co-Principal Investigator

05/01/09 - Unveiling the Natural History of Mobility and Quality of Life Decline in Parkinson Disease -
 09/31/11 University of Alabama Birmingham Site
 Principal Investigator: Matthew P. Ford
 Direct Costs: \$60,000 Total Costs: \$60,000
 Davis Phinney Foundation /Parkinson Disease Foundation
 Role: Co-Investigator

03/01/09 - Tandem Instrumented Treadmill for Assessment of In-Vivo Joint Biomechanics (NIH-
 06/01/10 S10RR026565)
 Principal Investigator: Andrew E. Anderson
 Direct Costs: \$224,824 Total Costs: \$224,824
 NIH National Center for Research Resources (NCRR)
 Role: Co-Investigator

05/01/08 - Defining the Path of the Temporal Branch of the Facial Nerve in Relation to the Fascial
 08/01/08 Layers Below and Above the Zygomatic Arch
 Principal Investigator: Cori A. Agarwal
 Direct Costs: \$5,000 Total Costs: \$5,000
 University of Utah Health Sciences
 Role: Co-Investigator

04/17/07 - Cadaver Grant
 05/17/07 Principal Investigator: W. Bradford Rockwell
 Direct Costs: \$2,500 Total Costs: \$2,500
 Stryker Corporation
 Role: Co-Investigator

04/01/07 - Resistance Training and Medication Effects on Hypokinesia in Persons with Parkinson
 03/31/11 Disease: 1-R15 HD056478-01
 Principal Investigator: Leland E. Dibble
 Direct Costs: \$150,697 Total Costs: \$225,292
 National Institutes of Health
 Role: Co-Investigator

01/16/07 - The Impact of Reduction Mammoplasty Surgery on the Net Joint Force of the Low Back,
 03/05/09 Function, and Pain in Individuals with Macromastia
 Direct Costs: \$5,000 Total Costs: \$5,000
 COH Dean's Research Incentive Fund
 Role: Principal Investigator

01/01/07 - Augmentation of muscle force in Parkinson disease: the role of hypertrophy and neurologic
 01/01/12 recruitment as measured by MEG
 Principal Investigator: Leland E. Dibble
 Direct Costs: \$15,000 Total Costs: \$15,000
 University of Utah
 Role: Co-Investigator

11/01/06 - Effect of External Support On Leg Alignment
06/30/08 Principal Investigator: Leland E. Dibble
Direct Costs: \$7,343 Total Costs: \$8,750
NuStep Inc.
Role: Co-Principal Investigator

01/01/05 - Cadaver Dissection Grant
01/01/06 Direct Costs: \$6,250 Total Costs: \$6,250
University of Utah Teaching Committee
Role: Principal Investigator

04/01/04 - Dual Anatomy And Histology Project
08/01/04 Principal Investigator: David A. Morton
Direct Costs: \$5,000 Total Costs: \$5,000
University of Utah Medical Informatics
Role: Co-Investigator

01/01/04 - Personal Digital Assistant Research Project
04/01/04 Direct Costs: \$5,000 Total Costs: \$5,000
University of Utah Resource Development Council
Role: Principal Investigator

01/01/04 - Teaching Project
04/01/04 Direct Costs: \$3,000 Total Costs: \$3,000
University of Utah Teaching Committee
Role: Principal Investigator

01/01/04 - Digital Camera To Obtain Images For Teaching Human Gross Anatomy
01/01/04 Principal Investigator: Kurt H. Albertine
Direct Costs: \$2,400 Total Costs: \$2,400
University of Utah Education Computing Committee
Role: Co-Investigator

06/01/03 - Gross Anatomy Dissection Research Project - educational outcomes research
09/01/04 Principal Investigator: Kurt H. Albertine
Direct Costs: \$25,000 Total Costs: \$25,000
University of Utah
Role: Co-Investigator

06/01/03 - Web, Flash Tutorial Teaching Aids For Gross Anatomy, Robert Rose, MS 1; Bill Roper, MS
09/01/03 1
Principal Investigator: Kurt H. Albertine
Direct Costs: \$3,700 Total Costs: \$3,700
University of Utah Education Computing Committee
Role: Co-Investigator

Unfunded

#BA160604 (Bachus) **SCORED 8.5%** 07/01/2017 – 06/30/2021
2.0 calendar months (17%) \$2,999,657 (Total Award)
Dept. of the Army -- USAMRAA Role: Co-Investigator
CO: TBA

Safety and Functionality of Osseointegrated Percutaneous Implants for Patients with Transhumeral Amputations

The goal of this proposed work is the clinical introduction of percutaneous OI devices through an FDA monitored Early Feasibility Study (EFS) for patients with transhumeral amputations from the military, VA, and civilian communities, establishing its safety and functionality.
Submitted: December 2017

TBA (Sinclair) 08/01/2017 – 07/30/2021
2.0 calendar months (17%) for Years 2-4 \$7,200,000 (Total Award)
US Army Medical Research and Materiel Command/DOD Broad Agency Role: PT Researcher

Announcement (BAA)

CO: TBA

Utah Clinical Research Program for Osseointegration Technologies for Amputees

Multi-center IDE Study of the Percutaneous Osseointegrated Prosthesis for Above Knee Amputees

Submitted: November, 2017

- 12/08/15-
12/07/18 NIH F32
Evaluating Ankle and Hindfoot Biomechanics Following Tibiotalar Arthrodesis
Direct Costs: ~\$55,000 annually
Nation Institutes of Health (Ruth L. Kirschstein National Research Service Award (NRSA)
Individual Postdoctoral Fellowship)
PI: Jennifer Nichols
Sponsor: Andrew Anderson
Role: Co-Sponsor
Submission date: 12/08/15
- 10/01/16 -
09/30/19 NSF/NRI
NRI: Overcoming Mobility Impairments through Physical Human-Robot Interactions and an
Adaptable Mobility Improvement (AMI) Robot
Total Costs: \$878,443
National Science Foundation, National Robotics Initiative
Role: Co-Investigator, PI: Andrew Merryweather
Submission Date: 03/07/16
Goals: To develop a robot to assist mobility impaired individuals with mobility tasks such as
sit-to-stand, gait, and return-to-sit.
- 08/16/16 -
08/15/19 NSF/NRI
NRI: Anatomically Correct Hand Modeling and Exoskeletons
Total Costs: \$878,443
National Science Foundation, National Robotics Initiative
Role: Co-Investigator, PI: Stephen Mascaro
Goals: To develop a software model, mechanical model, and testbed for the purpose of
advancing hand robotics and development of hand exoskeletons.
Submission Date: 03/07/16
- 05/01/15 –
04/30/20 NIH R01: Biomechanics of reverse total shoulder arthroplasty
Total Costs: \$2,300,000
National Institutes of Health/NIAMS
Role: Co-Investigator, PI: Heath Henninger
Goals: Quantify the transient changes in scapulohumeral kinematics in reverse total shoulder
patients during short term (<1 yr) recovery. Test the relationships between shoulder
kinematics and implant hardware configuration in the laboratory using a dynamic shoulder
simulator. Validate a predictive model of patient range of motion using both patient-specific
and laboratory data.
Submission date: ~10/01/14
- 04/08/15 NIH F32: Evaluating Ankle and Hindfoot Biomechanics Following Tibiotalar Arthrodesis
Direct Costs: ~\$55,000 annually
Nation Institutes of Health (Ruth L. Kirschstein National Research Service Award (NRSA)
Individual Postdoctoral Fellowship)
PI: Jennifer Nichols
Sponsor: Andrew Anderson
Role: Co-Sponsor
Submission date: 04/08/15
- 06/15/15 Compensatory Step Training in Persons with MS: Characterizing Postural Motor Learning.
(Grant #: PP-1505-04256)
Direct Costs: \$39,918 Total Costs: \$43,910

- National Multiple Sclerosis Society
 Role: Principal Investigator
 Submission date: 11/15/13
- 11/15/13 NIH: Hip Biomechanics and Tissue Damage Mechanisms in Femoroacetabular Impingement
 Direct Costs: ~\$55,000 annually
 National Institutes of Health (Postdoctoral fellowship)
 PI: Niccolo M. Fiorentino
 Sponsor: Andrew Anderson
 Role: Co-Sponsor
 Submission date: 11/15/13
- 11/15/13 National Institute of Health - Loan Repayment Program (UTYR2269)- Renewal
 Direct Costs: \$39,123 Total Costs: \$39,123
 National Institute of Health - NINDS
 Role: Principal Investigator
 Submission date: 11/15/13
- 11/01/13 Improving the understanding of femoroacetabular impingement patients and their risk for developing OA (NIH F32 Co-Sponsor grant)
 NIH
 Role: Co-Sponsor (Mentor)
 Submission date: 11/01/13
- 04/01/13 Equipment Grant: Two multi-axis force plates for Motion Analysis Laboratory
 Total Costs: \$23,791.50
 Katherine W. Dumke and Ezekiel R. Dumke, Jr. Foundation
 Role: Principal Investigator
 Submission date: 01/16/13
- 05/30/13 NRI-Small: Real-Time Anatomically-Correct Kinematic Hand Model and Graphical User Interface (1320438)
 Principal Investigator: Stephen Mascaro
 Direct Costs: \$450,865 Total Costs: \$586,124
 National Science Foundation
 Role: Co-Investigator
- 06/01/13 NIH R03: Sensory Integration and Motor Planning Exercise in PD (Resubmission)
 Direct Costs: \$99,543 Total Costs: \$148,817
 National Institute of Health
 Role: Principal Investigator
 OSP submission date: 11/07/12
 2nd submission
 Score 11th percentile
- 02/25/13 NIH R21: The Effects of Dopamine and Practice on Postural Adaptation to Sensory Illusions in Parkinson Disease
 Direct Costs: \$99,543 Total Costs: \$148,817
 National Institute of Health
 Principal Investigator: Leland E. Dibble
 Role: Co-Investigator
 OSP submission date: 10/07/12
- 10/03/12 SHB: Type 1(EXP): Real-Time Rehab: Improving Mobility and Quality of Life for Lower-Limb Amputees (1231400)
 Principal Investigators: Stacy Bamberg, Colby Hansen, Bradeigh Godfrey, Andrew Anderson, **K. Bo Foreman**
 Direct Costs: \$403,877 Total Costs: \$599,977
 National Science Foundation
 Role: Co-Principal Investigator
- 06/26/12 Sensory Integration and Motor Planning Exercise in PD: 1-R03HD073314-01

Direct Costs: \$99,543 Total Costs: \$148,817
 National Institute of Health
 Role: Principal Investigator
 Score: 17th percentile

04/27/12 NRI-Small: Anatomically Correct Hand Exoskeletons (1208631)
 Principal Investigator: Stephen Mascaro
 Direct Costs: \$519,699 Total Costs: \$745,584
 National Science Foundation
 Role: Co-Investigator

12/15/11 Acquisition of Sensory Re-Weighting Skill in Persons with Parkinson Disease
 Direct Costs: \$26,000 Total Costs: \$26,000
 University of Utah Incentive Seed Grant Program
 Role: Principal Investigator

05/17/11 Sensory Re-Weighting Adaptation to Galvanic Vestibular Stimulation in Persons with Parkinson Disease
 Principal Investigator: Lee Dibble
 Direct Costs: \$5,000 Total Costs: \$5,000
 COH Dean's Research Incentive Fund
 Role: Co-Investigator

05/12/11 A SMARTER Approach to Evaluating Balance and Stability in Persons with Parkinson's Disease (1134441)
 Principal Investigator: Stacy Bamberg Morris
 Direct Costs: \$204,188 Total Costs: \$299,851
 National Science Foundation
 Role: Co-Investigator

08/01/10 Development of physical therapy protocols to improve QOL and functional ability during stair descent for patients after TKA
 Principal Investigator: Yuri Yoshida
 Direct Costs: \$57,000 Total Costs: \$57,000
 Suzuken Memorial Foundation, Japan
 Role: Co-Investigator

07/19/10 Dopamine replacement effects on fMRI measure muscle activation in persons with Parkinson disease
 Direct Costs: \$20,000 Total Costs: \$20,000
 University of Utah, Brain Institute: Pilot Program in Imaging Research / Subsidized MR Scanner Time
 Role: Principal Investigator

07/01/10 Breast Reduction Outcome Study
 Direct Costs: \$42,930 Total Costs: \$42,930
 The Aesthetic Surgery Education and Research Foundation (ASERF)
 Role: Principal Investigator (Sponsor: WB Rockwell)

06/01/10 Breast Reduction Outcome Study
 Direct Costs: \$42,930 Total Costs: \$42,930
 Plastic Surgery Educational Foundation (PSEF)
 Role: Principal Investigator (Sponsor: WB Rockwell)

05/01/10 Dopamine Replacement Effects on fMRI Measured Muscle Activation in Persons with Parkinson Disease
 Direct Costs: \$20,000 Total Costs: \$20,000
 University of Utah Vice President for Research
 Role: Principal Investigator

02/01/10 Validating the Lower Extremity Feedback System (LEFS) for use in a rehabilitation setting
 Principal Investigator: Stacy Bamberg Morris

- US Department of Defense
Role: Co-Investigator
- 05/15/08 Dopamine Replacement Effects on fMRI Measured Muscle Activation in Persons with Parkinson Disease
Direct Costs: \$25,000 Total Costs: \$25,000
National Skeletal Muscle Research Center (NSMRC)
Role: Principal Investigator
- 05/01/08 Anatomy of the Rat and Microsurgery Techniques
Direct Costs: \$3,000 Total Costs: \$3,000
American Association of Anatomists
Role: Principal Investigator
- 04/01/08 SMARTER Balance Evaluation and Fall Prevention
Principal Investigator: Stacy J. Morris Bamberg
Direct Costs: \$411,125 Total Costs: \$411,125
National Institutes of Health (NIH)
Role: Collaborator
- 03/01/08 Investigation of the Neurovascular Supply of the Latissimus Dorsi Muscle using a Radiopaque Solution
Principal Investigator: Jayant Agarwal
Direct Costs: \$9,750 Total Costs: \$9,750
Plastic Surgery Educational Foundation (PSEF)
Role: Co-Principal Investigator
- 01/01/08 The Lower Extremity Feedback System (LEFS): A novel device to measure and correct gait asymmetry
Principal Investigator: Joseph B. Webster
Direct Costs: \$25,000 Total Costs: \$25,000
University of Utah Center for Clinical and Translational Science (CCTS)
Role: Co-Investigator
- 01/01/08 The Lower Extremity Feedback System (LEFS): A novel device to correct gait asymmetry and improve adherence to weight-bearing precautions
Direct Costs: \$35,000 Total Costs: \$35,000
University of Utah Technology Commercialization Office
Role: Co-Investigator

VIII. TEACHING, ADVISING AND OTHER ASSIGNMENTS

A. **Instructional Summary**

Curriculum Development

- | | |
|----------------|--|
| 2012 - Present | Developed Motion Capture Course (Vicon Nexus and Visual 3D) and delivered it as a non-credit test-course in 2012 for graduate students. Modifications as well as submitting it as a credit course are ongoing. |
| 2008 - Present | Curriculum development for PhD degree program in Rehabilitation Sciences. Development continues with the development and possible integration of an anatomical sciences track. |
| 2007 - Present | Co-developed a Functional Anatomy Course for Engineers (ME EN 7120 / BIO EN 6230). Modifications to improve course are ongoing. |
| 2005 - 2008 | Co-developed a combined human gross anatomy (OC TH 5050) and kinesiology course for first year occupational therapy curriculum (OC TH 5030). |
| 2005 - Present | Developed online applications for PH TH 6140 Diagnostic Testing and Imaging for Physical Therapists (online course). Modifications to improve course are ongoing. |

- 2005 - Present Modified human gross anatomy course from masters (PH TH 5050) to doctoral level (PH TH 6040) to meet current curriculum standards. Modifications to improve course are ongoing.
- 2005 - Present Co-developed new curriculum for PHTH 7050 / OCTH 5090 (Neuroanatomy). Modification to improve course are ongoing.
- 2002 - Present Developed and continue to modify computer-assisted applications to teach the anatomical sciences for ANAT 6010, PHTH 6040, OCTH 5030, PHTH 7050, OCTH 5090, MEEN 7120, BIO EN 6230, KNUST School of Medicine and nursing training programs in Ghana, West Africa.

Courses Taught

- 2017 Instructor, PH TH 7050: Neuroanatomy, 5 credit hours, 49 students, University of Utah, Physical Therapy.
- 2017 Instructor, OC TH 5090: Neuroanatomy, 4 credit hours, 31 students, University of Utah, Occupational Therapy.
- 2017 Primary Instructor, BIOEN 6230/ ME EN 7120: Functional Anatomy for Engineers, 3 credit hours, 38 students, University of Utah, Bioengineering/Mechanical engineering. Taught every other year.
- 2016 Instructor, PH TH 7050: Neuroanatomy, 5 credit hours, 49 students, University of Utah, Physical Therapy.
- 2016 Instructor, OC TH 5090: Neuroanatomy, 4 credit hours, 31 students, University of Utah, Occupational Therapy.
- 2016 Primary Instructor, RHSCI 7970(005) Special Projects, 6 credit hours, 1 student, University of Utah, Physical Therapy
- 2016 Primary Instructor, PH TH 6040(Lecture): Human Anatomy, 5 credit hours, 225 SCH, 48 students, University of Utah, Physical Therapy.
- 2016 Primary Instructor, PH TH 6040(Lab): Human Anatomy, 5 credit hours, 225 SCH, 48 students, University of Utah, Physical Therapy.
- 2016 Primary Instructor, ESS 5850(3): Gross Anatomy, 35 SCH, 8 students, University of Utah, Exercise and Sport Science.
- 2016 Instructor, PH TH 7230(001): Integumentary Management, 2 credit hours, 47 students, University of Utah, Physical Therapy. 2-6 lectures/year
- 2016 Primary Instructor, PH TH 7920(013): Doctoral Seminar II, 1 credit hour, 8 students, University of Utah, Physical Therapy.
- 2016 Primary Instructor, RHSCI 7970(005) Special Projects, 9 credit hours, 1 student, University of Utah, Physical Therapy
- 2015 Instructor, PH TH 7050: Neuroanatomy, 5 credit hours, 51 students, University of Utah, Physical Therapy.
- 2015 Instructor, OC TH 5090: Neuroanatomy, 4 credit hours, 31 students, University of Utah, Occupational Therapy.
- 2015 Primary Instructor, BIOEN 6230/ ME EN 7120: Functional Anatomy for Engineers, 3 credit hours, 24 students, University of Utah, Bioengineering/Mechanical engineering. Taught every other year.
- 2015 Primary Instructor, RHSCI 7900(05): Independent Study, 1 credit hour, 2 student, University of Utah.
- 2015 Primary Instructor, PH TH 6040(Lecture): Human Anatomy, 5 credit hours, 225 SCH, 48 students, University of Utah, Physical Therapy.
- 2015 Primary Instructor, PH TH 6040(Lab): Human Anatomy, 5 credit hours, 225 SCH, 48 students, University of Utah, Physical Therapy.

2015	Primary Instructor, ESS 5850(3): Gross Anatomy, 35 SCH, 8 students, University of Utah, Exercise and Sport Science.
2015	Instructor, ANAT 6010: Human Anatomy - Clinical Lectures, 9 credit hours, 112 students, University of Utah, Neurobiology and Anatomy. 1-3 lectures/year and/or assisting with laboratory
2015	Instructor, PH TH 7230(001): Integumentary Management, 2 credit hours, 47 students, University of Utah, Physical Therapy. 2-6 lectures/year
2015	Primary Instructor, PH TH 7920(013): Doctoral Seminar II, 1 credit hour, 7 students, University of Utah, Physical Therapy.
2014	Instructor, PH TH 7050: Neuroanatomy, 5 credit hours, 51 students, University of Utah, Physical Therapy.
2014	Instructor, OC TH 5090: Neuroanatomy, 4 credit hours, 31 students, University of Utah, Occupational Therapy.
2014	Primary Instructor, PH TH 6040(Lecture): Human Anatomy, 5 credit hours, 225 SCH, 48 students, University of Utah, Physical Therapy.
2014	Primary Instructor, PH TH 6040(Lab): Human Anatomy, 5 credit hours, 225 SCH, 48 students, University of Utah, Physical Therapy.
2014	Primary Instructor, ESS 5850(3): Gross Anatomy, 35 SCH, 6 students, University of Utah, Exercise and Sport Science.
2014	Primary Instructor, RHSCI 7900(05): Independent Study, 1 credit hour, 2 student, University of Utah.
2014	Instructor, ANAT 6010: Human Anatomy - Clinical Lectures, 9 credit hours, 112 students, University of Utah, Neurobiology and Anatomy. 1-3 lectures/year and/or assisting with laboratory
2014	Instructor, PH TH 7230(001): Integumentary Management, 2 credit hours, 44 students, University of Utah, Physical Therapy. 2-6 lectures/year
2014	Primary Instructor, PH TH 7920(013): Doctoral Seminar II, 1 credit hour, 5 students, University of Utah, Physical Therapy.
2013	Instructor, ANAT 6010: Human Anatomy - Clinical Lectures, 9 credit hours, 112 students, University of Utah, Neurobiology and Anatomy. 1-3 lectures/year and/or assisting with laboratory
2013	Primary Instructor, PH TH 6040(Lecture): Human Anatomy, 5 credit hours, 225 SCH, 48 students, University of Utah, Physical Therapy.
2013	Primary Instructor, PH TH 6040(Lab): Human Anatomy, 5 credit hours, 225 SCH, 48 students, University of Utah, Physical Therapy.
2013	Primary Instructor, RHSCI 7900(05): Independent Study, 1 credit hour, 1 student, University of Utah.
2013	Primary Instructor, ESS 5850(3): Gross Anatomy, 35 SCH, 6 students, University of Utah, Exercise and Sport Science.
2013	Instructor, PH TH 7050: Neuroanatomy, 5 credit hours, 51 students, University of Utah, Physical Therapy.
2013	Instructor, OC TH 5090: Neuroanatomy, 4 credit hours, 31 students, University of Utah, Occupational Therapy.
2013	Instructor, BIOEN 6230/ ME EN 7120: Functional Anatomy for Engineers, 3 credit hours, 20 students, University of Utah, Bioengineering. Taught every other year.
2012	Instructor, ANAT 6010: Human Anatomy - Clinical Lectures, 9 credit hours, 112 students, University of Utah, Neurobiology and Anatomy. 1-3 lectures/year
2012	Instructor, PH TH 7200: Motor Control, 4 credit hours, 44 students, University of Utah, Physical Therapy. 3 lectures/year

2012	Instructor, PH TH 7320: Rehabilitation Technology, 1 credit hours, 44 students, University of Utah, Physical Therapy. 2 lectures/year
2012	Instructor, PH TH 7230(001): Integumentary Management, 2 credit hours, 44 students, University of Utah, Physical Therapy. 2-6 lectures/year
2012	Primary Instructor, PH TH 7970(013): Doctoral Project, 1 credit hour, 3 students, University of Utah.
2012	Primary Instructor, RHSCI 7900(05): Independent Study, 1 credit hour, 1 student, University of Utah.
2012	Primary Instructor, PH TH 6040(Lecture): Human Anatomy, 5 credit hours, 225 SCH, 46 students, University of Utah, Physical Therapy.
2012	Primary Instructor, PH TH 6040(Lab): Human Anatomy, 5 credit hours, 225 SCH, 46 students, University of Utah, Physical Therapy.
2012	Primary Instructor, RHSCI 7900(05): Independent Study, 1 credit hour, 1 student, University of Utah.
2012	Primary Instructor, ESS 5850(3): Gross Anatomy, 35 SCH, 7 students, University of Utah, Exercise and Sport Science.
2012	Instructor, PH TH 7050: Neuroanatomy, 5 credit hours, 51 students, University of Utah, Physical Therapy.
2012	Instructor, OC TH 5090: Neuroanatomy, 4 credit hours, 31 students, University of Utah, Occupational Therapy.
2011	Instructor, PH TH 7230(001): Integumentary Management, 2 credit hours, 44 students, University of Utah, Physical Therapy.
2011	Primary Instructor, PH TH 7970(013): Doctoral Project, 1 credit hour, 2 students, University of Utah.
2011	Primary Instructor, RHSCI 7900(05): Independent Study, 1 credit hour, 1 student, University of Utah.
2011	Primary Instructor, PH TH 6040: Human Anatomy, 5 credit hours, 225 SCH, 46 students, University of Utah, Physical Therapy.
2011	Instructor, OC TH 5090: Neuroanatomy, 4 credit hours, 24 students, University of Utah, Occupational Therapy.
2011	Instructor, PH TH 7050: Neuroanatomy, 5 credit hours, 44 students, University of Utah, Physical Therapy.
2011	Primary Instructor, ESS 5850(3): Gross Anatomy, 35 SCH, 7 students, University of Utah, Exercise and Sport Science.
2011	Instructor, BIOEN 6230: Functional Anatomy for Engineers, 3 credit hours, 15 students, University of Utah, Bioengineering.
2011	Instructor, ME EN 7120: Functional Anatomy for Engineers, 3 credit hours, 15 students, University of Utah, Mechanical Engineering.
2010	Instructor, OC TH 5090: Neuroanatomy, 4 credit hours, 24 students, University of Utah, Occupational Therapy.
2010	Instructor, PH TH 7050: Neuroanatomy, 5 credit hours, 44 students, University of Utah, Physical Therapy.
2010	Primary Instructor, ESS 5850(3): Special Topics, 35 SCH, 7 students, University of Utah, Exercise and Sport Science.
2010	Primary Instructor, PH TH 6040: Human Anatomy, 5 credit hours, 225 SCH, 45 students, University of Utah, Physical Therapy.
2010	Instructor, PH TH 7230(001): Integumentary Management, 2 credit hours, 44 students, University of Utah, Physical Therapy.

2010 Primary Instructor, PH TH 7970(013): Doctoral Project, 1 credit hour, 6 students, University of Utah.

2009 Instructor, OC TH 5090: Neuroanatomy, 4 credit hours, 20 students, University of Utah, Occupational Therapy.

2009 Instructor, PH TH 7050: Neuroanatomy, 5 credit hours, 44 students, University of Utah, Physical Therapy.

2009 Instructor, BIOEN 6230: Functional Anatomy for Engineers, 3 credit hours, 15 students, University of Utah, Bioengineering.

2009 Instructor, ME EN 7120: Functional Anatomy for Engineers, 3 credit hours, 15 students, University of Utah, Mechanical Engineering.

2009 Primary Instructor, PH TH 6040: Human Anatomy, 5 credit hours, 225 SCH, 45 students, University of Utah, Physical Therapy.

2009 Primary Instructor, PH TH 7920(013): Doctoral Seminar II, 1 credit hour, 5 students, University of Utah, Physical Therapy.

2009 Instructor, PH TH 7230(001): Integumentary Management, 2 credit hours, 44 students, University of Utah, Physical Therapy.

2009 Primary Instructor, PH TH 7970(013): Doctoral Project, 1 credit hour, 6 students, University of Utah.

2008 Primary Instructor, PH TH 7920: Doctoral Seminar, 1 credit hour, 7 SCH, 10 students, University of Utah, Physical Therapy.

2008 Primary Instructor, PH TH 7970: Doctoral Project, 1 credit hour, 4 SCH, 4 students, University of Utah, Physical Therapy.

2008 Instructor, PH TH 7230: Integumentary Management, 2 credit hours, 44 students, University of Utah, Physical Therapy.

2008 Instructor, ANAT 6010: Human Anatomy - Clinical Lectures, 9 credit hours, 112 students, University of Utah, Neurobiology and Anatomy.

2008 Primary Instructor, PH TH 6040: Anatomy, 210 SCH, 42 students, University of Utah, Physical Therapy.

2008 Instructor, OC TH 5090: Neuroanatomy, 4 credit hours, 20 students, University of Utah, Occupational Therapy.

2008 Instructor, PH TH 7050: Neuroanatomy, 5 credit hours, 44 students, University of Utah, Physical Therapy.

2007 Primary Instructor, PH TH 7920: Doctoral Seminar, 1 credit hour, 3 SCH, 3 students, University of Utah, Physical Therapy.

2007 Primary Instructor, PH TH 7970: Doctoral Project, 1 credit hour, 2 SCH, 2 students, University of Utah, Physical Therapy.

2007 Instructor, ANAT 6010: Human Anatomy - Clinical Lectures, 9 credit hours, 112 students, University of Utah, Neurobiology and Anatomy.

2007 Instructor, PH TH 7230: Integumentary Management, 2 credit hours, 44 students, University of Utah, Physical Therapy.

2007 Instructor, OC TH 5030: The Body as a Component to Occupation, 6 credit hours, 28 students, University of Utah, Occupational Therapy.

2007 Primary Instructor, PH TH 6040: Anatomy, 5 credit hours, 0 SCH, 42 students, University of Utah, Physical Therapy.

2007 Instructor, PH TH 6140: Imaging for Physical Therapists, 2 credit hours, 40 students, University of Utah, Physical Therapy.

2007 Instructor, OC TH 5090: Neuroanatomy, 4 credit hours, 20 students, University of Utah, Occupational Therapy.

2007 Instructor, BIOEN 6230: Functional Anatomy for Engineers, 3 credit hours, 8 students, University of Utah, Bioengineering.

2007 Instructor, PH TH 7050: Neuroanatomy, 5 credit hours, 44 students, University of Utah, Physical Therapy.

2007 Instructor, ME EN 7120: Functional Anatomy for Engineers, 3 credit hours, 7 students, University of Utah, Mechanical Engineering.

2007 Instructor, PH TH 6140: Imaging for Physical Therapists, 2 credit hours, 40 students, University of Utah, Physical Therapy.

2006 Primary Instructor, PH TH 7920: Doctoral Seminar, 1 credit hour, 12 SCH, 12 students, University of Utah, Physical Therapy.

2006 Instructor, PH TH 7230: Integumentary Management, 2 credit hours, 40 students, University of Utah, Physical Therapy.

2006 Instructor, PH TH 7970: Doctoral Project, 1 credit hour, 1 student, University of Utah, Physical Therapy.

2006 Instructor, ANAT 6010: Human Anatomy - Unit IV, 9 credit hours, 112 students, University of Utah, Neurobiology and Anatomy.

2006 Instructor, OC TH 5030: The Body as a Component to Occupation, 6 credit hours, 20 students, University of Utah, Occupational Therapy.

2006 Primary Instructor, PH TH 6040: Anatomy, 5 credit hours, 215 SCH, 43 students, University of Utah, Physical Therapy.

2006 Primary Instructor, PH TH 7930: Doctoral Seminar, 1 credit hour, 9 students, University of Utah, Physical Therapy.

2006 Instructor, PH TH 6140: Imaging for Physical Therapists, 2 credit hours, 40 students, University of Utah, Physical Therapy.

2006 Instructor, PH TH 7050: Neuroanatomy, 5 credit hours, 44 students, University of Utah, Physical Therapy.

2006 Instructor, PH TH 6140: Imaging for Physical Therapists, 2 credit hours, 40 students, University of Utah, Physical Therapy.

2006 Instructor, OC TH 7050: Neuroanatomy, 4 credit hours, 20 students, University of Utah, Occupational Therapy.

2005 Instructor, PH TH 6140: Imaging for Physical Therapists, 2 credit hours, 40 students, University of Utah, Physical Therapy.

2005 Instructor, ANAT 6010: Gross Anatomy - Unit IV, 9 credit hours, 112 students, University of Utah, Neurobiology and Anatomy.

2005 Instructor, OC TH 5030: The Body as a Component to Occupation, 6 credit hours, 20 students, University of Utah, Occupational Therapy.

2005 Instructor, PH TH 7970: Doctoral Project, 1 credit hour, 4 students, University of Utah, Physical Therapy.

2005 Primary Instructor, PH TH 6040: Anatomy, 5 credit hours, 205 SCH, 41 students, University of Utah, Physical Therapy.

2005 Instructor, PH TH 6140: Imaging for Physical Therapists, 2 credit hours, 40 students, University of Utah, Physical Therapy.

2005 Primary Instructor, OC TH 5090: Neuroanatomy, 4 credit hours, 0 SCH, 18 students, University of Utah, Occupational Therapy.

2005 Primary Instructor, PH TH 5090: Neuroanatomy, 4 credit hours, 0 SCH, 17 students, University of Utah, Physical Therapy.

2004 Primary Instructor, OC TH 5050: Human Anatomy, 5 credit hours, 95 SCH, 19 students, University of Utah, Occupational Therapy.

2004	Primary Instructor, PH TH 5050: Human Anatomy, 5 credit hours, 210 SCH, 42 students, University of Utah, Physical Therapy.
2004	Instructor, ANAT 6010: Human Anatomy - Unit IV, 9 credit hours, 112 students, University of Utah, Neurobiology and Anatomy.
2004	Instructor, PH TH 5090: Neuroanatomy, 4 credit hours, 30 students, University of Utah, Physical Therapy.
2004	Instructor, OC TH 5090: Neuroanatomy, 4 credit hours, 18 students, University of Utah, Occupational Therapy.
2003	Instructor, ANAT 6010: Human Anatomy - Unit IV, 9 credit hours, 112 students, University of Utah, Neurobiology and Anatomy.
2003	Instructor, PH TH 5050: Human Anatomy, 5 credit hours, 40 students, University of Utah, Physical Therapy.
2003	Instructor, OC TH 5050: Human Anatomy, 5 credit hours, 18 students, University of Utah, Occupational Therapy.
2003	Instructor, OC TH 5090: Neuroanatomy, 4 credit hours, 18 students, University of Utah, Occupational Therapy.
2003	Instructor, ME EN 6010: Functional Anatomy for Engineers, 3 credit hours, 9 students, University of Utah, Mechanical Engineering.
2003	Instructor, PH TH 5090: Neuroanatomy, 4 credit hours, 30 students, University of Utah, Physical Therapy.
2002	Instructor, OC TH 5050: Human Anatomy, 5 credit hours, 18 students, University of Utah, Occupational Therapy.
2002	Instructor, PH TH 5050: Human Anatomy, 5 credit hours, 30 students, University of Utah, Physical Therapy.
2002	Instructor, ANAT 6010: Human Anatomy - Unit IV, 9 credit hours, 112 students, University of Utah, Neurobiology and Anatomy.
2002	Instructor, OC TH 5090: Neuroanatomy, 4 credit hours, 18 students, University of Utah, Occupational Therapy.
2002	Instructor, PH TH 5090: Neuroanatomy, 4 credit hours, 30 students, University of Utah, Physical Therapy.
2001	Instructor, PH TH 5050: Human Anatomy, 5 credit hours, 30 students, University of Utah, Physical Therapy.
2001	Instructor, OC TH 5050: Human Anatomy, 5 credit hours, 18 students, University of Utah, Occupational Therapy.
2001	Instructor, OC TH 5090: Neuroanatomy, 4 credit hours, 18 students, University of Utah, Occupational Therapy.
2001	Instructor, PH TH 5090: Neuroanatomy, 4 credit hours, 30 students, University of Utah, Physical Therapy.
2000	Instructor, PH TH 5050: Human Anatomy, 5 credit hours, 30 students, University of Utah, Physical Therapy.
2000	Instructor, OC TH 5050: Human Anatomy, 5 credit hours, 18 students, University of Utah, Occupational Therapy.

Graduate Student Committees (Organized by Type of Degree, DNF= did not finish)

Postdoctoral Fellows

2014-Present	Co-Mentor, Serene Paul, Primary Mentor: Lee Dibble, Area of Mentorship: Biomechanics
2014-Present	Co-Mentor, Jennifer Nichols, Primary Mentor: Andrew Anderson, Area of Mentorship: Biomechanics

2013-Present Co-Mentor, Niccolo Fiorentino, Primary Mentor: Andrew Anderson, Area of Mentorship: Biomechanics

Non-clinical Doctoral Committees (Ph.D.)

2013-Present Chair, Chris Wilson, PhD Committee (Rehabilitation Sciences). Biomechanical Assessment of Obstacle Avoidance in a Virtual Reality Environment.

2013-Present Co-Chair, Jesse Christensen, PhD Committee (Rehabilitation Sciences). Biomechanical Assessment of Stair Navigation in Total Knee Arthroplasty.

2013-2016 Member, Babak Hejrati, PhD Committee (Mechanical Engineering). Advances in Robot-assisted Gait Rehabilitation Therapy with Self-selected Speed.

2013-2015 Member, Hina Garg, PhD Committee (Rehabilitation Sciences). The Effect of Acute Muscle Fatigue on Postural Control: An investigation in persons with Parkinson disease & across the lifespan.

2013 - 2015 Member, Rami Shorti, PhD Committee (Mechanical Engineering). Slipping Biomechanics and Fall Risk Potential during Ingress and Egress While Using Access Systems for Climbing Irregular Vertical Surfaces.

2012 - Present Member, Nate Godfrey, PhD committee (Mechanical Engineering). Ergonomics.

2012 - DNF Member, Travis Steele, PhD committee (Mechanical Engineering). Biomechanics.

2011 - Present Member, Lorinda Smith, PhD Committee (Rehabilitation Sciences). Complex gait environment in Parkinson disease.

2011 - DNF Member, Alexis Smith, PhD Committee (Anthropology). Weight-related changes to the intercondylar eminence.

2011 - DNF Chair, Ginger Dobie, PhD Committee (Rehabilitation Sciences). Power production in Parkinson disease.

2011 - 2014 Member, Raymond King, PhD Committee (Mechanical Engineering). Hand exoskeleton.

2011 - 2014 Member, Mark Lester, PhD Committee (Rehabilitation Sciences). Parkinson Disease.

2011 - 2014 Member, Christine Abraham, University of Utah, PhD Committee (Orthopedics). . Femoroacetabular impingement.

2011 - 2014 Member, Jessica Smith, University of Utah, PhD Committee (Bioengineering). The Relationship between Lower Extremity Muscle Force Steadiness and Stair Walking Ability in Individuals following Total Knee Arthroplasty

2010 - 2014 Member, Evan Papa, University of Utah, PhD Committee (Rehabilitation Sciences). Reactive versus anticipatory mechanisms of postural control in Parkinson's disease.

2011 - 2013 Member, Ashley Kapron, University of Utah, PhD Committee (Orthopedics). Kinematics of femoroacetabular impingement.

2010 - 2013 Member, Samira Golriz, Murdoch University, Western Australia, PhD/Doctorate Committee. Backpack force generation.

Non-Clinical Masters Committees (M.S.)

2013 - 2014 Member, Maryellen Hunt, Master of Science (M.S). Gait modifications on challenging terrain: a study of persons with Parkinson disease.

2011 - 2012 Member, Matthew Schmidt, University of Utah, MS Committee. ARTISTIC insole system for gait analysis (joint project with Avery Johnson).

2011 - 2012 Member, Avery Johnson, University of Utah, MS Committee. ARTISTIC insole system for gait analysis.

2011 - 2012 Member, Adam Howell, University of Utah, MS Committee (Mechanical Engineering). Real-time joint moment calculations using an Insole Sensor System.

2010 - 2011 Member, Christian Redd, University of Utah, MS Committee (Mechanical Engineering). Design, Development, and Testing of an Insole Sensor System for Real-Time Gait Feedback and Rehabilitation.

Clinical Doctoral Committees (D.P.T.)

2014 – 2015 Chair, David Galaso, University of Utah, Clinical Doctorate Committee (PT).

2014 – 2015 Chair, Jacquelyn Johnson, University of Utah, Clinical Doctorate Committee (PT).

2014 – 2015 Chair, Jaron Pope, University of Utah, Clinical Doctorate Committee (PT).

2013 - 2014 Chair, Lance Barton, University of Utah, Clinical Doctorate Committee (PT). Deep brain stimulator in Parkinson disease.

2013 - 2014 Chair, Ginger Dobie, University of Utah, Clinical Doctorate Committee (PT). Clinical and laboratory measures of postural instability in patients with Parkinson Disease

2013 - 2014 Chair, Julia Pierson, University of Utah, Clinical Doctorate Committee (PT). Diabetic ulcer treatment with TCC vs VAC dressing.

2013 - 2014 Member, Jose Shimokawa, University of Utah, Clinical Doctorate Committee (PT). Is there evidence to suggest that static magnet therapy is effective in improving the quality of life in patients with musculoskeletal pain.

2013 - 2014 Member, Rhett Fieldsted, University of Utah, Clinical Doctorate Committee (PT). Cervicothoracic Manipulation as a Treatment for Shoulder Pain: Who is it for?

2013 - 2014 Member, Spencer Larsen, University of Utah, Clinical Doctorate Committee (PT). Exercise prescription considerations for glycemic management of Type 1 diabetics, Aerobic vs. Anaerobic

2013 - 2014 Chair, Jessica Churbock, University of Utah, Clinical Doctorate Committee (PT). Prevention of falls in people with Parkinson disease.

2013 - 2014 Member, Daniel Shelly, University of Utah, Clinical Doctorate Committee (PT).

2012 - 2013 Chair, Stacy Huston, University of Utah, Clinical Doctorate Committee (PT). Brown-Sequard Syndrome.

2012 - 2013 Chair, Travis Hall, University of Utah, Clinical Doctorate Committee (PT). Wound Care.

2012 - 2013 Chair, Dave Miller, University of Utah, Clinical Doctorate Committee (PT). Spinal Cord Injury and Wound Care.

2012 - 2013 Member, Charlie Edwards, University of Utah, Clinical Doctorate Committee (PT).

2012 - 2013 Member, Rick Reigle, University of Utah, Clinical Doctorate Committee (PT).

2012 - 2013 Member, Stephen Gallagher, University of Utah, Clinical Doctorate Committee (PT).

2012 - 2013 Member, Sara Hahn, University of Utah, Clinical Doctorate Committee (PT).

2012 – 2013 Member, Kristen Misejka, University of Utah, Clinical Doctorate Committee (PT).

2012 – 2013 Member, Shonn Tanner, University of Utah, Clinical Doctorate Committee (PT).

2012 – 2013 Member, Michael Plum, University of Utah, Clinical Doctorate Committee (PT).

2012 – 2013 Member, Laura Nice, University of Utah, Clinical Doctorate Committee (PT).

2011 - 2013 Chair, Ryan Willis, University of Utah, Clinical Doctorate Committee (PT). Effects of Dopamine Replacement Therapy on Lower Extremity Moments During a Rapid Force Production Task.

2011 – 2012 Chair, Timothy Haacker, Clinical Doctorate Committee (PT).

- 2011 - 2012 Chair, Hilary Snell, University of Utah, Clinical Doctorate Committee (PT). The use of manual lymph drainage for the treatment of unilateral upper extremity breast cancer related lymphedema in women.
- 2011 - 2012 Chair, Alvin Rodgers, University of Utah, Clinical Doctorate Committee (PT). Use of platelet derived growth factor in the treatment of diabetic foot ulcers.
- 2011 - 2012 Member, Candace Gunnell, University of Utah, Clinical Doctorate Committee (PT). Can the UPDRS validly measure gait and balance in persons with PD?
- 2011 - 2012 Member, Elise Brown, University of Utah, Clinical Doctorate Committee (PT). Common risk factors across four sports.
- 2011 - 2012 Member, Julia Libby, University of Utah, Clinical Doctorate Committee (PT). CSD
- 2011 - 2012 Member, Janis Beardsley, University of Utah, Clinical Doctorate Committee (PT). Cerebral Palsy.
- 2011 - 2012 Member, Kiki Hutchins, University of Utah, Clinical Doctorate Committee (PT). Preventative medicine.
- 2011 - 2012 Member, Kristie Gibson, University of Utah, Clinical Doctorate Committee (PT). Concussion.
- 2011 - 2012 Member, Mike Seeley, University of Utah, Clinical Doctorate Committee (PT). Upper extremity and baseball.
- 2010 - 2011 Chair, Crystal Chrastil, University of Utah, Clinical Doctorate Committee (PT). Lower extremity ambulatory feedback system.
- 2010 - 2011 Member, Stuart Sondrup, University of Utah, Clinical Doctorate Committee (PT). Motor learning Parkinsons dual task.
- 2010 - 2011 Chair, Esther Smith, University of Utah, Clinical Doctorate Committee (PT). Lower extremity ambulatory feedback system .
- 2010 - 2011 Member, Cory Freeman, University of Utah, Clinical Doctorate Committee (PT). PTs current and future role in the prevention and treatment of chronic disease. type two diabetes or heart disease.
- 2010 - 2011 Member, Alex Bravo, University of Utah, Clinical Doctorate Committee (PT). What is the EMG activity of core muscle activation in individuals with low back pathology?
- 2010 - 2011 Member, Kelly Mortensen, University of Utah, Clinical Doctorate Committee (PT). Treatment of hip or knee OA.
- 2010 - 2011 Member, Evan Papa, University of Utah, Clinical Doctorate Committee (PT). Reactive versus anticipatory mechanisms of postural control in Parkinson's disease: Implications for fall prevention.
- 2010 - 2011 Member, Rosie Stevens, University of Utah, Clinical Doctorate Committee (PT). Osteoporosis: walking programs and which is optimal for the bone health of post-menopausal women.
- 2010 - 2011 Chair, Cyndi Schluender, University of Utah, Clinical Doctorate Committee (PT). Pull and Push in PD.
- 2010 - 2011 Member, Sarah Bruening, University of Utah, Clinical Doctorate Committee (PT). Neuro - peds.
- 2010 - 2011 Chair, Jeff Muhn, University of Utah, Clinical Doctorate Committee (PT). Non-surgical management of scars and PT.
- 2010 - 2011 Member, Ariel Wilbur, University of Utah, Clinical Doctorate Committee (PT). Sacroiliac joint dysfunction, female athlete triad.
- 2009 - 2010 Member, Bonnijane Black Monson, University of Utah, Clinical Doctorate Committee (PT). Treatment of pelvic floor pain disorders, and dyspareunia. (Women's Health)

- 2009 - 2010 Member, Sharla Natter, University of Utah, Clinical Doctorate Committee (PT). Women's Health and the Pelvic Floor.
- 2009 - 2010 Member, Mary Celeste Lake, University of Utah, Clinical Doctorate Committee (PT). Pelvic Organ Prolapse and implications for physical therapy.
- 2009 - 2010 Member, Valerie Hodge, University of Utah, Clinical Doctorate Committee (PT). Osteoporosis in people who use wheelchairs (SCI).
- 2009 - 2010 Member, Jared Beckstrand, University of Utah, Clinical Doctorate Committee (PT). Physical Therapy and Golf Prehab/Rehab .
- 2009 - 2010 Member, Eon Jarvis, University of Utah, Clinical Doctorate Committee (PT). Dual Task Effects on Performance and Learning of Postural and Vocal Motor Tasks.
- 2009 - 2010 Chair, Cole Seppie, University of Utah, Clinical Doctorate Committee (PT). The efficacy of cryopreserved allograft in treatment of chronic wounds.
- 2009 - 2010 Chair, Jason Ciccotelli, University of Utah, Clinical Doctorate Committee (PT). Wound Care (What is the best management of Pyoderma Gangrenosum?).
- 2009 - 2010 Chair, Curtis Barton, University of Utah, Clinical Doctorate Committee (PT). A Quantitative Method to Evaluate Spinal Curvature in a Semi-Blinded Population.
- 2009 - 2010 Chair, Justin Carrier, University of Utah, Clinical Doctorate Committee (PT). Changes in peak vertical ground reaction force and average ground reaction force during a rise to toes task on and off medication.
- 2009 - 2010 Chair, Erin Probert, University of Utah, Clinical Doctorate Committee (PT). Is a core strengthening program an effective intervention in preventing decrease in abdominal strength after TRAM flap surgery?.
- 2009 - 2010 Member, Trevor Johnson, University of Utah, Clinical Doctorate Committee (PT). Ankle/foot mechanics and gait related.
- 2008 - 2009 Chair, Joshua Mason, University of Utah, Clinical Doctorate Committee (PT). Sacroiliac Joint Dysfunction: Diagnosis and Management.
- 2008 - 2009 Chair, Stephen DeFriez, University of Utah, Clinical Doctorate Committee (PT). Is Maggot Debridement Therapy Useful in the Modern Era?.
- 2008 - 2009 Chair, Alison Merritt, University of Utah, Clinical Doctorate Committee (PT). What Effect Does Resistance Training Have on Muscle Strength and Lean Body Mass in Children with Severe Burn Injury?.
- 2008 - 2009 Chair, Randy Carson, University of Utah, Clinical Doctorate Committee (PT). Evaluation of Efficiency, Balance Confidence, Function, and Aesthetics in Prosthetic Determination of a Woman with Bilateral Transfemoral Amputations.
- 2008 - 2009 Member, Amber Rushton, University of Utah, Clinical Doctorate Committee (PT). Assessing Sacroiliac Joint Dysfunction (SIJD) Using Pain Provocation Tests and the Effectiveness of Stabilization Exercises for Sub-acute and Chronic SIJD.
- 2008 - 2009 Member, Nicole Meyers, University of Utah, Clinical Doctorate Committee (PT). Does Pre-Pregnancy Physical Activity Level Prevent Pregnancy-Related Low Back pain (LBP), and what Effect does Water Aerobics have on LBP and Sick Leave During Pregnancy.
- 2008 - 2009 Member, Giti Mojtahedi, University of Utah, Clinical Doctorate Committee (PT). Progressive High Resistance Training Effectiveness in Patients with Slow Progressive Neuromuscular Diseases.
- 2008 - 2009 Chair, Alex Whitney, University of Utah, Clinical Doctorate Committee (PT). Proper Road Bike Fit for Decreased Overuse Injuries in the Knee.
- 2008 - 2009 Member, Mark Lambert, University of Utah, Clinical Doctorate Committee (PT). Virtual Reality Augmented UE Rehabilitation in Individuals with Non-Progressive Brain Disorders.

- 2008 - 2009 Member, Crystal Holt, University of Utah, Clinical Doctorate Committee (PT). Is Eccentric Exercise and Effective Treatment for Chronic Lateral Epicondylitis.
- 2008 - 2009 Member, Becky Lund, University of Utah, Clinical Doctorate Committee (PT). Comparison of Two Individuals with ASIA A C4-C5 Complete Spinal Cord Injury status-post Stem Cell Injection Therapy: Physical Therapy Compliance Considerations.
- 2008 - 2009 Member, Jimmie Allen, University of Utah, Clinical Doctorate Committee (PT). Maggot Debridement Therapy to Treat a Chronic Heel Ulcer.
- 2008 - 2009 Member, Stacey Stewart, University of Utah, Clinical Doctorate Committee (PT). Urinary Incontinence Post-Stroke: Management of the Pelvic Floor by the Physical therapist.
- 2008 - 2009 Member, Dallas Clark, University of Utah, Clinical Doctorate Committee (PT). Is There Evidence to Support the use of Night Splints to Decrease Pain and Increase Function in Patients with Plantar Fasciitis?.
- 2008 - 2009 Member, Jarron Mitchell, University of Utah, Clinical Doctorate Committee (PT). Pre-operative Therapy and It's Effects on Functional Outcomes and Quality of Life in Lower Extremity Joint Replacement.
- 2007 - 2008 Member, Mandy Mehler, University of Utah, Clinical Doctorate Committee (PT). Differences in Anticipatory Postural Adjustments Between Fallers and Non-Fallers in Persons with Multiple Sclerosis.
- 2007 - 2008 Member, Tessa Hale, University of Utah, Clinical Doctorate Committee (PT). Differences in Anticipatory Postural Adjustments Between Fallers and Non-Fallers in Persons with Multiple Sclerosis.
- 2007 - 2008 Member, Kari Lasco, University of Utah, Clinical Doctorate Committee (PT). Disease Severity Differences in Anticipatory Postural Adjustments in persons with Parkinson's Disease.
- 2007 - 2008 Member, Lindsay Smith, University of Utah, Clinical Doctorate Committee (PT). Stem Cell Injection Therapy in Conjunction with Physical Therapy for an Individual with a C4-C5 Complete Spinal Cord Injury: A Case Report.
- 2007 - 2008 Member, Alysa Beagley, University of Utah, Clinical Doctorate Committee (PT). Negative Pressure Wound Therapy to Treat a Large Infected Back .
- 2007 - 2008 Member, Ryan Perron, University of Utah, Clinical Doctorate Committee (PT). Proximal Humeral Fracture & Conservative Management.
- 2007 - 2008 Member, Cordell Atkins, University of Utah, Clinical Doctorate Committee (PT). Total Contact Casting in the Care of Diabetic Neuropathic Ulcers: A Case Study.
- 2007 - 2008 Member, Janae Cropper, University of Utah, Clinical Doctorate Committee (PT). Stem Cell Injection Therapy in Conjunction with Physical Therapy for an Individual with a C4-C5 Complete Spinal Cord Injury: A Case Report.
- 2007 - 2008 Chair, Brian Harward, University of Utah, Clinical Doctorate Committee (PT). Enlarged Left Ventricle in Marathon and Ultramarathon Runners: Physiological Adaptation or Pathological Maladaptation?
- 2007 - 2008 Chair, Justin Dennis, University of Utah, Clinical Doctorate Committee (PT). Is Total Contact Casting the Most Effective Treatment for Healing Diabetic Ulcers.
- 2007 - 2008 Chair, Blair Smith, University of Utah, Clinical Doctorate Committee (PT). Validation for using the Vicon Motion Analysis and the AMTI MSA-6 Biomechanics Platform to Calculate Lumbar Spine Net Joint Forces.
- 2006 - 2007 Member, Jim Ballard, University of Utah, Clinical Doctorate Committee (PT). Urge Urinary Incontinence in Women with Parkinson's Disease: Is Behavioral Treatment Effective?.

- 2006 - 2007 Chair, Jesse Christensen, University of Utah, Clinical Doctorate Committee (PT). Evaluating The Validity of Using a Battery of Clinical Balance Tests to Predict Fall Risk In Persons with Parkinson's Disease: Retrospective Study.
- 2006 - 2007 Member, Bart Gillespie, University of Utah, Clinical Doctorate Committee (PT). Interventions and Outcomes of Post Operative Dressings Following Dysvascular Transtibial Amputations.
- 2006 - 2007 Member, Tom Adair, University of Utah, Clinical Doctorate Committee (PT). Outcomes and Rehabilitation Following Meniscal Allograft Transplantation.
- 2006 - 2007 Member, Julie Jung, University of Utah, Clinical Doctorate Committee (PT). Barriers that Influence Adolescent Parent-Child Interaction and Influential Factors for Home Programs: A Case Report.
- 2006 - 2007 Member, Nathan Philpott, University of Utah, Clinical Doctorate Committee (PT). Management of a Chronic Venous Ulcer.
- 2006 - 2007 Member, Jonathan Wheelwright, University of Utah, Clinical Doctorate Committee (PT). Exercise-Induce Hyponatremia in Ultra-Distance Athletes.
- 2006 - 2007 Chair, Becca Day, University of Utah, Clinical Doctorate Committee (PT). Pressure Relief for a Child with Disabilities and Pressure Ulcers.
- 2005 - 2006 Member, Tony Yang, University of Utah, Clinical Doctorate Committee (PT). The Effects of Negative Pressure Therapy on Dehiscenced Abdominal Wound.
- 2005 - 2006 Member, Curtis Mason, University of Utah, Clinical Doctorate Committee (PT). Achilles Tendonitis/Peritendonitis: A Case Report.
- 2005 - 2006 Member, Ben Stone, University of Utah, Clinical Doctorate Committee (PT). Reverse Delta Prosthesis and Rotator Cuff-Deficient Patient.
- 2005 - 2006 Member, Jake Hansen, University of Utah, Clinical Doctorate Committee (PT). Rehabilitation of the Burned Hand.
- 2005 - 2006 Member, Craig Bischoff, University of Utah, Clinical Doctorate Committee (PT). Chronic Venous Insufficiency and Associated Ulcer.

Clinical Masters Degree (M.O.T.; M.P.T.)

- 2012 - 2013 Member, Krisann Durrant, Masters Committee (OT). Biomechanics of backpack use.
- 2012 - 2013 Member, Gregory Neilsen, Masters Committee (OT). Biomechanics of backpack use.
- 2005 - 2006 Member, Jessica Voorhees, University of Utah, Masters Committee (PT). Effects of Vacuum Assisted Closure on Wound Healing.
- 2005 - 2006 Member, Marie Cooley, University of Utah, Masters Committee (PT). Static vs. Dynamic Splinting Following MP Arthroplasty

Undergraduate Student Supervision

- 2014-Present Grace Hunt, Undergraduate, (Bioengineering). Use of Motion Capture to Determine Spinal Curvature in Patients undergoing Thoracolumbar Fusion
- 2011-2012 Maddie Singer, Undergraduate, (Fine Arts), Whitman University, Kinetic and Kinematic Responses to Perturbations in Healthy Young and Healthy Elderly.

Educational Lectures

Didactic Lectures / Laboratories

- 2016 Review of Head & Neck, Physical Therapy Residency Program in Orthopaedics, University of Utah (Approx. 4 students) (1 labs given)
- 2015 Review of Back, Upper Limb, and Lower Limb Anatomy, Physical Therapy Residency Program in Orthopaedics, University of Utah (Approx. 4 students) (3 labs given)

- 2014 Review of Head & Neck, Back, Upper Limb, and Lower Limb Anatomy, Physical Therapy Residency Program in Orthopaedics, University of Utah (Approx. 4 students) (4 labs given)
- 2014 Review of Head & Neck, Upper Limb, and Lower Limb Anatomy, Division of Plastic Surgery, University of Utah School of Medicine (Approx. 10 students) (3 grand rounds given)
- 2013 Review of Head & Neck, Upper Limb, and Lower Limb Anatomy, Division of Plastic Surgery, University of Utah School of Medicine (Approx. 10 students) (3 grand rounds given)
- 2012 Upper Limb Nerve Impingement Sites, Review of Head & Neck, Upper Limb, and Lower Limb Anatomy, Division of Plastic Surgery, University of Utah School of Medicine (Approx. 10 students) (4 grand rounds given)
- 2012 Use of Vicon Nexus and Visual 3D for Motion Analysis, Departments of Mechanical Engineering, Orthopaedics, and Physical Therapy (Approx. 12 students)
- 2011 Rapid Force Production in Parkinson Disease, Department of Physical Therapy Seminar, University of Utah Hospital (Approx. 6 students)
- 2011 Review of Nail Bed, Head and Neck Anatomy, Department of Dermatology, University of Utah Hospital (Approx. 10 students)
- 2011 Physical Medicine and Rehabilitation Anatomy Lab, Department of Physical Medicine and Rehabilitation, University of Utah School of Medicine (Approx. 8 students)
- 2011 Upper Limb Nerve Impingement Sites, Review of Head & Neck, Upper Limb, and Lower Limb Anatomy, Division of Plastic Surgery, University of Utah School of Medicine (Approx. 10 students)
- 2010 Review of Nail Bed, Head and Neck Anatomy, Department of Dermatology, University of Utah Hospital (Approx. 16 students)
- 2010 Review of Plexuses, Department of Physical Therapy, University of Utah (Approx. 42 students)
- 2010 Physical Medicine and Rehabilitation Anatomy Lab, Department of Physical Medicine and Rehabilitation, University of Utah School of Medicine (Approx. 8 students)
- 2010 Orthopedic Resident Anatomy Review, Department of Orthopedics, University of Utah School of Medicine (Approx. 25 students)
- 2010 Upper Limb Nerve Impingement Sites, Review of Head & Neck and Upper Limb Anatomy, Division of Plastic Surgery, University of Utah School of Medicine (Approx. 10 students)
- 2009 Review of Nail Bed, Head and Neck Anatomy, Department of Dermatology, University of Utah Hospital (Approx. 16 students)
- 2009 Physical Medicine and Rehabilitation Anatomy Lab, Department of Physical Medicine and Rehabilitation, University of Utah School of Medicine (Approx. 8 students)
- 2009 Orthopedic Resident Anatomy Review, Department of Orthopedics, University of Utah School of Medicine (Approx. 25 students)
- 2009 Upper Limb Nerve Impingement Sites, Review of Head & Neck and Upper Limb Anatomy, Division of Plastic Surgery, University of Utah School of Medicine (Approx. 10 students)
- 2008 Review of Nail Bed, Head and Neck Anatomy, Department of Dermatology, University of Utah Hospital (Approx. 16 students)

- 2008 Review of Shoulder Anatomy, Department of Physical Therapy, University of Utah Hospital (Approx. 15 students)
- 2008 Gross Anatomy Lecture Series, Physician Assistants Program, Ghana, West Africa (Approx. 160 students)
- 2008 Physical Medicine and Rehabilitation Anatomy Lab, Department of Physical Medicine and Rehabilitation, University of Utah School of Medicine (Approx. 8 students)
- 2008 Orthopedic Resident Anatomy Review, Department of Orthopedics, University of Utah School of Medicine (Approx. 25 students)
- 2008 Upper Limb Nerve Impingement Sites, Review of Head & Neck and Upper Limb Anatomy, Division of Plastic Surgery, University of Utah School of Medicine (Approx. 10 students)
- 2007 Upper Limb Nerve Impingement Sites, Review of Head & Neck and Upper Limb Anatomy, Division of Plastic Surgery, University of Utah School of Medicine (Approx. 10 students)
- 2007 Review Nail Bed Anatomy, Department of Dermatology, University of Utah Hospital (Approx. 16 students)
- 2007 Gross Anatomy and Histology Lecture Series, KNUST School of Medicine, Ghana, West Africa (Approx. 160 students)
- 2007 Physical Medicine and Rehabilitation Anatomy Lab, Department of Physical Medicine and Rehabilitation, University of Utah School of Medicine (Approx. 8 students)
- 2007 Orthopedic Resident Anatomy Review, Department of Orthopedics, University of Utah School of Medicine (Approx. 25 students)
- 2006 Physical Medicine and Rehabilitation Anatomy Lab, Department of Physical Medicine and Rehabilitation, University of Utah School of Medicine (Approx. 8 students)
- 2006 Orthopedic Resident Anatomy Review, Department of Orthopedics, University of Utah School of Medicine (Approx. 25 students)
- 2006 Upper Limb Nerve Impingement Sites, Review of Head & Neck and Upper Limb Anatomy, Division of Plastic Surgery, University of Utah School of Medicine (Approx. 10 students)
- 2005 Physical Medicine and Rehabilitation Anatomy Lab, Department of Physical Medicine and Rehabilitation, University of Utah School of Medicine (Approx. 8 students)
- 2005 Orthopedic Resident Anatomy Review, Department of Orthopedics, University of Utah School of Medicine (Approx. 25 students)
- 2004 Pelvic and Abdominal Anatomy Lab, Department of Obstetrics & Gynecology, University of Utah School of Medicine (Approx. 12 students)
- 2004 Laboratory Instructor, Physical Medicine and Rehabilitation Anatomy Lab, Department of Physical Medicine and Rehabilitation, University of Utah School of Medicine (Approx. 8 students)
- 2003 Management of Wounds, Department of Physical Medicine and Rehabilitation, University of Utah School of Medicine (Approx. 9 students)
- 2003 Physical Medicine and Rehabilitation Anatomy Lab, Department of Physical Medicine and Rehabilitation, University of Utah School of Medicine (Approx. 8 students)

2003	Pelvic and Abdominal Anatomy Lab, Department of Obstetrics & Gynecology, University of Utah School of Medicine (Approx. 12 students)
2002	Physical Medicine and Rehabilitation Anatomy Lab, Department of Physical Medicine and Rehabilitation, University of Utah School of Medicine (Approx. 8 students)
2002	Management of Wounds, Department of Physical Medicine and Rehabilitation, University of Utah School of Medicine (Approx. 9 students)
2002	Management of Wounds, Department of Dermatology, University of Utah School of Medicine (Approx. 10 students)
2002	Lymphedema Management, Department of Physical Medicine and Rehabilitation, University of Utah School of Medicine (Approx. 9 students)
2002	Lymphedema Management, Division of Palliative Care, University of Utah, Huntsman Cancer Institute, (Approx. 6 students)
2001	Management of Wounds, Department of Physical Medicine and Rehabilitation, University of Utah School of Medicine (Approx. 9 students)
2001	Physical Medicine and Rehabilitation Anatomy Lab, Department of Physical Medicine and Rehabilitation, University of Utah School of Medicine (Approx. 8 students)
2001	Electrical Stimulation of Wounds, Department of Physical Medicine and Rehabilitation, University of Utah School of Medicine (Approx. 9 students)
2001	Management of Wounds, Department of Dermatology, University of Utah School of Medicine (Approx. 10 students)
2000	Use of Modalities in the Physical Therapy Setting, Department of Physical Medicine and Rehabilitation, University of Utah School of Medicine (Approx. 9 students)
2000	Management of Wounds, Department of Physical Medicine and Rehabilitation, University of Utah School of Medicine (Approx. 9 students)
2000	Management of Wounds, Department of Dermatology, University of Utah School of Medicine (Approx. 10 students)
2000	Electrical Stimulation of Wounds, Department of Physical Medicine and Rehabilitation, University of Utah School of Medicine (Approx. 9 students)
2000	Back Care, Nursing, University of Utah Hospital, Salt Lake City (Approx. 20 students)
1999	Use of Modalities in the Physical Therapy Setting, Department of Physical Medicine and Rehabilitation, University of Utah School of Medicine (Approx. 9 students)

B. Student Evaluation of Teaching (evaluations with less than 5 responses are unavailable and courses taught by adjunct faculty are not listed. - See section VII.A for complete list of courses taught)

2015	<p>PHTH 7920 Doctoral Seminar</p> <ul style="list-style-type: none"> - UU Standard Course Items: 6.00/6.00 - UU Standard Instructor Items: 6.00/6.00
2015	<p>PHTH 6040 Anatomy Lecture</p> <ul style="list-style-type: none"> - UU Standard Course Items: 5.74/6.00 - UU Standard Instructor Items: 5.75/6.00
2015	<p>PHTH 6040 Anatomy Lab</p> <ul style="list-style-type: none"> - UU Standard Course Items: 5.59/6.00 - UU Standard Instructor Items: 5.50/6.00

2015 MEEN 7120 Functional Anatomy for Engineers
 - UU Standard Course Items: 5.86/6.00
 - UU Standard Instructor Items: 5.89/6.00

2015 BIOEN 6230 Functional Anatomy for Engineers
 - UU Standard Course Items: 5.86/6.00
 - UU Standard Instructor Items: 5.89/6.00

2015 PHTH 7050 Neuroanatomy
 - UU Standard Course Items: 5.85/6.00
 - UU Standard Instructor Items: 5.79/6.00

2015 OCTH 5090 Neuroanatomy
 - UU Standard Course Items: 5.85/6.00
 - UU Standard Instructor Items: 5.79/6.00

2014 PHTH 7920 Doctoral Seminar
 - UU Standard Course Items: 5.98/6.00
 - UU Standard Instructor Items: 5.94/6.00

2014 PHTH 6040 Anatomy Lecture
 - UU Standard Course Items: 5.88/6.00
 - UU Standard Instructor Items: 5.88/6.00

2014 PHTH 6040 Anatomy Lab
 - UU Standard Course Items: 5.49/6.00
 - UU Standard Instructor Items: 5.73/6.00

2014 RHSCI 7900 Ind. Study on Biomechanics
 - UU Standard Course Items: 5.58/6.00
 - UU Standard Instructor Items: 5.70/6.00

2014 PHTH 7050 Neuroanatomy
 - UU Standard Course Items: 5.73/6.00
 - UU Standard Instructor Items: 5.78/6.00

2014 OCTH 5090 Neuroanatomy
 - UU Standard Course Items: 5.73/6.00
 - UU Standard Instructor Items: 5.78/6.00

2013 PHTH 6040 Anatomy Lecture
 - UU Standard Course Items: 5.80/6.00
 - UU Standard Instructor Items: 5.91/6.00

2013 PHTH 6040 Anatomy Lab
 - UU Standard Course Items: 5.49/6.00
 - UU Standard Instructor Items: 5.73/6.00

2013 OCTH 5090 Neuroanatomy
 - UU Standard Course Items: 5.35/6.00
 - UU Standard Instructor Items: Instructor not evaluated

2013 PHTH 7050 Neuroanatomy
 - UU Standard Course Items: 5.35/6.00
 - UU Standard Instructor Items: Instructor not evaluated

2012 PHTH 6040 Anatomy Lecture
 - UU Standard Course Items: 5.85/6.00
 - UU Standard Instructor Items: 5.86/6.00

2012 PHTH 6040 Anatomy Lab
 - UU Standard Course Items: 5.62/6.00
 - UU Standard Instructor Items: 5.85/6.00

2012 OCTH 5090 Neuroanatomy
 - UU Standard Course Items: 5.72/6.00
 - UU Standard Instructor Items: 5.68/6.00

2012 PHTH 7050 Neuroanatomy
 - UU Standard Course Items: 5.72/6.00
 - UU Standard Instructor Items: 5.68/6.00

2011 PHTH 7230 Integumentary Management
 - UU Standard Course Items: 5.46/6.00
 - UU Standard Instructor Items: 5.52/6.00

2011 PHTH 6040 Anatomy
 - UU Standard Course Items: 5.67/6.00
 - UU Standard Instructor Items: 5.88/6.00

2011 OCTH 5090 Neuroanatomy
 - UU Standard Course Items: 5.60/6.00
 - UU Standard Instructor Items: 5.49/6.00

2011 PHTH 7050 Neuroanatomy
 - UU Standard Course Items: 5.59/6.00
 - UU Standard Instructor Items: 5.78/6.00

2010 PHTH 6040 Anatomy
 - UU Standard Course Items: 5.84/6.00
 - UU Standard Instructor Items: 5.96/6.00

2010 OCTH 5090 Neuroanatomy
 - UU Standard Course Items: 5.43/6.00
 - UU Standard Instructor Items: 5.58/6.00

2010 PHTH 7050 Neuroanatomy
 - UU Standard Course Items: 5.57/6.00
 - UU Standard Instructor Items: 5.78/6.00

2010 PHTH 7230 Integumentary Management
 - UU Standard Course Items: 5.84/6.00
 - UU Standard Instructor Items: 5.82/6.00

2009 PHTH 7920 Doctoral Seminar II
 - UU Standard Course Items: 6.00/6.00
 - UU Standard Instructor Items: 6.00/6.00

2009 PHTH 7970 Doctoral Project
 - UU Standard Course Items: 5.69/6.00
 - UU Standard Instructor Items: 5.83/6.00

2009 PHTH 7230 Integumentary Management
 - UU Standard Course Items: 5.62/6.00
 - UU Standard Instructor Items: 5.71/6.00

2009 PHTH 6040 Anatomy Lecture
 - UU Standard Course Items: 5.70/6.00
 - UU Standard Instructor Items: 5.91/6.00

2009 OCTH 5090 Neuroanatomy
 - UU Standard Course Items: 5.24/6.00
 - UU Standard Instructor Items: 5.41/6.00

2009 PHTH 7050 Neuroanatomy
 - UU Standard Course Items: 5.61/6.00
 - UU Standard Instructor Items: 5.73/6.00

2008 PHTH 7230 Integumentary Management
 - UU Standard Course Items: 5.54/6.00
 - UU Standard Instructor Items: 5.83/6.00

2008 PHTH 7920 Doctoral Seminar
 - UU Standard Course Items: 5.80/6.00
 - UU Standard Instructor Items: 5.83/6.00

2008 ANAT 6010 Gross Anatomy (School of Medicine (SOM))
 - SOM Course Items: 3.34/4.00
 - SOM Instructor: 3.34/4.00

2008 PHTH 6040 Anatomy Lecture
 - UU Standard Course Items: 5.78/6.00
 - UU Standard Instructor Items: 5.80/6.00

2008 OCTH 5090 Neuroanatomy
 - UU Standard Course Items: 5.42/6.00
 - UU Standard Instructor Items: 5.60/6.00

2008 PHTH 7050 Neuroanatomy
 - UU Standard Course Items: 5.46/6.00
 - UU Standard Instructor Items: 5.68/6.00

2007 PHTH 7230 Integumentary Management
 - UU Standard Course Items: 5.63/6.00
 - UU Standard Instructor Items: 5.81/6.00

2007 PHTH 7970 Doctoral Project
 - UU Standard Course Items: 5.00/6.00
 - UU Standard Instructor Items: 6.00/6.00

2007 PHTH 7920 Doctoral Seminar
 - UU Standard Course Items: 5.67/6.00
 - UU Standard Instructor Items: 5.88/6.00

2007 OCTH 5030 The Body as a Component of Occupation
 - UU Standard Course Items: 5.57/6.00
 - UU Standard Instructor Items: 5.57/6.00

2007 ANAT 6010 Gross Anatomy (School of Medicine (SOM))
 - SOM Course Items: 3.34/4.00
 - SOM Instructor: 3.07/4.00

2007 PHTH 6040 Anatomy Lecture
 - UU Standard Course Items: 5.84/6.00
 - UU Standard Instructor Items: 5.80/6.00

2007 PHTH 6140 Imaging for PT
 - UU Standard Course Items: 5.37/6.00
 - UU Standard Instructor Items: 5.66/6.00

2007 OCTH 5090 Neuroanatomy
 - UU Standard Course Items: 5.20/6.00
 - UU Standard Instructor Items: 5.72/6.00

2007 PHTH 7050 Neuroanatomy
 - UU Standard Course Items: 5.16/6.00
 - UU Standard Instructor Items: 5.82/6.00

2006 PHTH 7920 Doctoral Seminar
 - UU Standard Course Items: 5.61/6.00
 - UU Standard Instructor Items: 5.75/6.00

- 2006 OCTH 5030 The Body as a Component of Occupation Lecture
 - UU Standard Course Items: 5.35/6.00
 - UU Standard Instructor Items: 5.79/6.00
- 2006 PHTH 6040 Gross Anatomy
 - UU Standard Course Items: 5.50/6.00
 - UU Standard Instructor Items: 5.58/6.00
- 2006 PHTH 7930 Doctoral Seminar
 - UU Standard Course Items: 6.00/6.00
 - UU Standard Instructor Items: 6.00/6.00
- 2005 OCTH 5030 The Body as a Component of Occupation Lecture
 - UU Standard Course Items: 5.75/6.00
 - UU Standard Instructor Items: 5.85/6.00
- 2005 PHTH 6040 Gross Anatomy
 - UU Standard Course Items: 5.81/6.00
 - UU Standard Instructor Items: 5.84/6.00
- 2005 PHTH 5090 Neuroanatomy
 - UU Standard Course Items: 5.39/6.00
 - UU Standard Instructor Items: 5.78/6.00
- 2005 OCTH 5090 Neuroanatomy
 - UU Standard Course Items: 4.88/6.00
 - UU Standard Instructor Items: 5.55/6.00

C. Peer Teaching Evaluation

2009 - Present Peer Teaching Evaluations (available upon request)

Potential Faculty Evaluators:
 Robin Marcus-Physical Therapy
 Lee Dibble-Physical Therapy
 James Graves- College of Health
 Jim Ballard- Physical Therapy
 David Morton - Neurobiology and Anatomy
 Kurt Albertine - Neonatology
 Brad Rockwell - Plastic Surgery

IX. EDITORIAL EXPERIENCE

Reviewer Experience

- 2015 - Present Reviewer for PLOS (Public Library of Science)
- 2015 - Present Movement Disorders and Clinical Practice
- 2013 - Present Associate Editor, Anatomical Record
- 2012 Reviewer for Van den Berg. Applied Physiology. Vol 1. Thieme Publishers.
- 2012 - Present Reviewer for International Journal of Human Factors Modeling and Simulation
- 2011 - Present Reviewer for Clinical Anatomy
- 2011 - Present Reviewer for Parkinson's Disease
- 2010 - Present Reviewer for Neuromuscular Disorders
- 2010 - Present Reviewer for Archives of Physical Medicine and Rehabilitation
- 2009 - Present Reviewer for Journal of Hand Therapy
- 2009 - Present Reviewer for Journal of Neurologic Physical Therapy (JNPT)
- 2008 - Present Reviewer for Anatomical Sciences Education

- 2005 - Present Reviewer for Anatomical Record
- 2007 Reviewer for Morton DA, Peterson KD and Albertine KH. Gray's dissection guide for human anatomy. Philadelphia, Elsevier Inc. Second edition.
- 2004 Reviewer for Drake RL and Vogl AW. Gray's Anatomy for Students. Philadelphia, Elsevier Inc.,2004.
- 2004 Reviewer for Morton DA, Peterson KD and Albertine KH. Dissection guide for human anatomy. Philadelphia, Elsevier Inc.

XI. GRANT REVIEW COMMITTEE/STUDY SECTION

- 2011 - Present Food and Health Bureau, The Government of the Hong Kong Special Administrative Region, The People's Republic of China
- 2009 - 2011 Parkinson's Disease Society of the United Kingdom

XII. AWARDS

- 2016 **Chattanooga Research Award from the American Physical therapy Association**
This award recognizes the most significant research paper contributing to the science and practice of physical therapy published in 2015 as referenced below:
Cavanaugh JT, Ellis TD, Earhart GM, Ford MP, **Foreman KB**, Dibble LE. (2015).
Toward Understanding Ambulatory Activity Decline in Parkinson Disease. Phys Ther. Apr 9. PMID: 25858971
- 2014 **Chattanooga Research Award from the American Physical therapy Association**
This award recognizes the most significant research paper contributing to the science and practice of physical therapy published in 2013 as referenced below:
Phys Ther. 2013 Apr;93(4):542-50. doi: 10.2522/ptj.20120302. Epub 2012 Nov 21.
Comparative utility of the BESTest, mini-BESTest, and brief-BESTest for predicting falls in individuals with Parkinson disease: a cohort study.
Duncan RP, Leddy AL, Cavanaugh JT, Dibble LE, Ellis TD, Ford MP, Foreman KB, Earhart GM.
- 2013 **Outstanding Faculty Member**
Department of Physical Therapy, Class of 2013
University of Utah
- 2012 **New Investigator Award**
College of Health
University of Utah
This award recognizes faculty who are nine or less years post 1st faculty appointment for their accomplishments in research and scholarship.
- 2010 **Outstanding Faculty Member**
Department of Physical Therapy, Class of 2010
University of Utah
- 2010 **Basmajian Award**
American Association of Anatomists
This award internationally recognizes health science faculty who are in the formative stages of their career and can document excellence in their contribution to the teaching of gross anatomy. In addition, they must have outstanding accomplishments in biomedical research or scholarship in education.
- 2009 **Early Career Teaching Award**
University Teaching Committee
University of Utah

- 2008 **Outstanding Faculty Member**
Division of Physical Therapy, Class of 2008
University of Utah
- 2007 **Outstanding Faculty Member**
Division of Physical Therapy, Class of 2007
University of Utah
- 2007 - 2008 **Nominated (x 2): Margaret L. Moore Award for Outstanding New Academic
Faculty Member**
American Physical Therapy Association
- 2005 **Utah System of Higher Education Exemplary Faculty Use of Technology Award**
The Utah System of Higher Education
Utah Electronic College Consortium
- 2003 - 2005 **Frank L. Christensen Award** (Graduate Student Stipend)
Department of Neurobiology and Anatomy
University of Utah
- 2003 - 2005 **American Association of Anatomists Travel Award**
Travel Award to present at Experimental Biology Conference

XIII. SERVICE

A. University Community Activities

University Level

- 2017 - 2020 Member, Academic Senate
- 2016 - Present Member, Strategic IT Committee
- 2012 - Present Committee For A Technologically Enhanced Curriculum
- 2007 - Present Director, Motion Analysis Core Facility

University Hospitals & Clinics

- 2005 - Present Member, Rehabilitation Center, Therapeutic Recreation And Independent
Lifestyles (TRAILS), Community Education on Neuroanatomy

College Level

- 2015 - Present Chair, College of Health Space and Planning Committee
- 2013 - Present Chair, College of Health Computer Committee
- 2010 - 2013 Member, College of Health Computer Committee
- 2007 - 2010 Chair, College of Health Computer Committee

Department Level

- 2008 - Present Member, Rehabilitation Sciences (PhD), Admissions Committee
- 2008 - Present Member, Rehabilitation Sciences (PhD), Curriculum Committee
- 2005 - Present Member, Physical Therapy, Admissions Committee
- 2005 - Present Member, Physical Therapy, Curriculum Committee
- 2005 - Present Database Developer, Physical Therapy
- 2005 - 2010 Website Manager, Physical Therapy

B. External Service

Consulting

- 2010 - Present Co-developed a Functional Anatomy Course for Engineers at Auburn University.
Modifications to improve course are ongoing.
- 2008 Member, State of Utah. Utah Community Advisory Panel for Body Worlds 3

Industrial Presentations

2006 Educator, General Communications, Inc. Training

Service to Profession

2016-2017 Nominating Committee, American Association of Anatomists
2015-2018 Basmajian Award Committee, American Association of Anatomists
2011-2012 Abstract Reviewer, Gait and Clinical Movement Analysis Society
2011-2012 Member, Course Director Needs Evaluation Sub-Committee, American Association of Anatomists
2010 - 2013 Member, Educational Affairs Committee, American Association of Anatomists
2010 - Present Career Advisor, American Association of Anatomists
2007 - 2012 Abstract Judge, American Association of Anatomists
2011 Member, Basmajian Award Task Force, American Association of Anatomists
2007 - 2010 Member, Advisory Committee for Young Anatomists, American Association of Anatomists

Public Service

2016-Present Educator, Bountiful High School, Clinical anatomy lecture for sports medicine class.
2016-Present Educator, Bountiful High School, Anatomy Workshop for Advanced Placement Biology Students.
2016 Educator, Kumasi, Ghana, Africa. Teaching anatomy to the Dept. of Plastic Surgery to promote breast care and advanced reconstruction following breast cancer surgery.
2010-2016 Educator, Jordan High School, Anatomy Workshop for Advanced Placement Biology Students.
2008-2016 Educator, Promoting Science in Primary Education, Oak Hills Elementary School
2008-2016 Educator, Promoting Science in Primary Education, Valley View Elementary School (Spectrum Program)
2008 Educator, Kumasi, Ghana, Africa. Promoting Computer-Assisted Instruction for Nursing Training Centers, Midwifery, and Environmental Health in Ghana, West Africa, KNUST, School of Medical Sciences, Kumasi, Ghana (Sponsored by the Ministry of Health, Introduced CAI into 57 schools across the country during 2 weeks of service in Africa)
2007 Educator, Kumasi, Ghana, Africa. Promoting Computer-Assisted Instruction for Medical Schools in Ghana, West Africa, KNUST, School of Medical Sciences, Kumasi, Ghana (3 weeks of service in Africa)
2007 - 2015 Science Fair Judge, Howard R. Driggs Elementary School.
2006 - 2008 Educator, Pre-Health Professions Organization. Promoting Science in Health Professions
2003 - 2016 Educator, Jordan School District. Promoting Science in Health Care
2002 - 2010 Educator, Park City School District. Promoting Science in Secondary Schools