

**Amy Stone Hammerich, PT, DPT, PhD, OCS, GCS, FAAOMPT**

**Associate Professor, School of Physical Therapy**

**Regis University**

**3333 Regis Blvd.**

**Denver, Colorado 80221**

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**Contact Information**

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**Education**

**Fellowship in Orthopedic Manual Physical Therapy**, Regis University, Denver, 2018

**Doctor of Philosophy (Ph.D.) Health and Behavioral Science**, University of Colorado, Denver, 2013

Dissertation: *A Mixed Methods Investigation of Predictors of Pain and Disability in Patients with Lumbar Spinal Stenosis.*

Co-Chairs: Deborah Main, Ph.D., Susan Driesbach, Ph.D.

Post-Doctorate education Neuromuscular Physiology, ABD, University of Colorado, Boulder, 2004-2006

NIH: Steadiness in Older Adults RO1 (AG09000) and Neural Mechanisms in Muscle Fatigue RO1 (NS43275) PI: Roger M. Enoka Ph.D.

**Doctor of Physical Therapy (D.P.T)** Regis University, Denver, CO, Physical Therapy, 2003

**Masters of Science of Physical Therapy (M.S.P.T)** Regis University, Denver, CO, Physical Therapy, 2000

Prerequisite science education Northwestern University, Chicago IL; Northeastern University, Chicago IL 1995-1998

**Bachelors of Science in Business (B.S.)** Miami University, Oxford, OH, Majors: Finance, Accounting, Minor: French 1992

London University School of Finance, London UK (August, 1990 - December, 1990)

Business internship and coursework (via Boston University)

**Licensure**

Colorado Licensed Physical Therapist #7472 (2000)

### **Certifications**

Fellow of the American Academy of Orthopaedic Manual Physical Therapy (2018)  
APTA Board Certified Clinical Specialist in Geriatric Physical Therapy (GCS) (2017)  
APTA Board Certified Clinical Specialist in Orthopaedic Physical Therapy (OCS) (2015)  
APTA Certified Clinical Instructor (2001)  
Certified Strength and Conditioning Specialist (CSCS), National Sports Conditioning Association (2000)  
Certified Pilates Instructor and Rehabilitation Specialist-Polestar (2000)  
Certified Gyrotonics Instructor (2000)  
Certified Fitness Instructor, Aerobics and Fitness Association of America (1990)  
Certified Personal Trainer, American Council on Exercise (1992)  
CPR Certified-American Red Cross, Basic Life Support (1988-present)

### **Employment History**

#### **Academic Experience:**

**Associate Professor**, School of Physical Therapy, Regis University, Denver, CO (August, 2015 - present)

**Assistant Professor**, School of Physical Therapy, Regis University, Denver, CO (August, 2008 - 2015)

**Instructor**, School of Physical Therapy, Regis University, Denver, CO (August, 2007 - August, 2008)

**Senior Research Assistant**, Applied Neuromuscular Physiology Lab, University of Colorado, Denver CO (2007)

**Affiliate Faculty**, Department of Physical Therapy, Regis University, Denver, CO (January 2003 - July 2007)

**Affiliate Faculty**, Department of Physical Therapy, University of Colorado, Denver CO (2006 - 2007)

**Graduate Teaching Assistant**, Department of Integrative Physiology, University of Colorado, Boulder CO (2004 - 2006). Anatomy laboratory section instructor/coordinator; Neuromuscular Physiology course.

**Graduate Research Assistant**, Neural Control of Movement Laboratory, Department of Integrative Physiology, University of Colorado, Boulder CO (2004 - 2006). 40+ hours/week performing needle EMG motor unit studies.

#### **Non-Academic Experience:**

Regis Neighborhood Health / RegisCares Faculty Practice, Denver CO (2014-present)

Physical Therapist; Outpatient orthopedic

*Provided physical therapy services for an outpatient facility serving the Regis community with various diagnoses including joint pain, osteoarthritis, neck and low back pain, rotator cuff injuries, ergonomic consultation and wellness issues.*

Waldron's Peak Physical Therapy, Boulder CO (2008-2009)

Physical Therapist; Outpatient orthopedic and neurological

*Provided physical therapy services across the lifespan for an outpatient facility with various diagnoses including joint pain and injury, osteoarthritis, vestibular disorders, multiple sclerosis, Parkinson's, cerebral palsy, neck and low back pain, rotator cuff injuries, wrist/elbow pain, post-operative joint conditions, ergonomic consultation and wellness issues.*

Colorado Physical Therapy Services, Denver, CO (2006 - 2007)

Physical Therapist; Outpatient orthopedic

*Provided per diem physical therapy services across the lifespan for outpatient facilities with various diagnoses including joint pain and injury, osteoarthritis, neck and low back pain, rotator cuff injuries, wrist/elbow pain and injury, post-operative joint conditions, work hardening/rehabilitation, ergonomic consultation and wellness issues.*

University of Colorado, Boulder IPHY Department (2005-2007)

Physical Therapist; Ergonomics Consultant

*Provided ergonomics consultation, recommendations, and work site modifications for a large academic department and support staff.*

PRO Physical Therapy Outpatient Clinic, Boulder CO (2001 - 2005)

Physical Therapist; Outpatient orthopedic, neurological, and women's health

*Provided physical therapy services across the lifespan for an outpatient facility with various diagnoses including joint pain and injury, osteoarthritis, osteoporosis, pelvic pain and injury, neck and low back pain, rotator cuff injuries, wrist/elbow pain and injury, post-operative joint conditions, Parkinson's, multiple sclerosis, vestibular disorders, Functional Capacity Evaluations, sports injury and return to sport conditioning, work hardening/rehabilitation, ergonomic consultation and wellness issues. Provided additional patient and community services using Pilates and other exercise methods for orthopedic and movement related disorders.*

Health South Outpatient Clinic, Denver CO (2001)

Physical Therapist; Outpatient orthopedic and women's health

*Provided physical therapy services for an outpatient facility focused on Pilates, low back and pelvic pain, sports injury and return to sport conditioning and general wellness issues. Assisted in design of Pilates-based rehabilitation program for organization.*

Flatirons Athletic Club (2000-2007)

Pilates Instructor; *Provided group and individual Pilates instruction to an adult population.*

Phoenix Center Wellness Clinic, Denver CO (2000 - 2001)

Physical Therapist; Outpatient orthopedic and women's health

Pilates Instructor, Gyrotonics Instructor

*Provided physical therapy services for an outpatient facility serving a fitness community with various diagnoses including joint pain, osteoarthritis, neck and low back pain, sports injury and return to sport conditioning and general wellness issues. Also provided group and individual fitness training and instruction.*

Athletic Club at Denver Place, Denver CO (1999 - 2001)

Physical Therapist; Outpatient orthopedic

Pilates Instructor, Fitness Instructor

*Provided physical therapy services for an outpatient facility serving a fitness community with various diagnoses including joint pain, osteoarthritis, neck and low back pain, sports injury and return to sport conditioning and general wellness issues. Also provided group and individual fitness training and instruction.*

Regis University Fitness and Wellness Center (1999-2001)

Pilates Instructor, Fitness Instructor

*Provided group Pilates and fitness instruction to an adult population.*

Wilmette Recreation Center, Wilmette, IL (1997 - 1999)

Fitness Education Coordinator, Personal Trainer, Aerobic Exercise Instructor

*Organized fitness activities and group instruction. Provided group and individual fitness instruction to an adult population.*

Department of Superconductivity, Northwestern University, Evanston, IL (1996-1997)

Accountant, Grants and Contracts

*Performed accounting for grant and contracts involving the Department of Superconductivity.*

Kozy's Cyclery, Chicago IL (1995 - 1996)

Fitness and Sales Director, Personal Trainer, Bike Sales

*Developed and directed fitness equipment sales, follow up consultation, and personal training. Participated in bicycle and equipment sales.*

Ernst & Young LLP, Chicago IL (1992 - 1995)

Public Auditor

*Performed external audits of large national and multinational corporations. Performed external corporate audits in international taxation and expatriate filings. Level I-III leadership training. Mentor program for new hires; recruiter and trainer. Captain E&Y volleyball league, member running and softball teams.*

IBM United Kingdom, London, UK (August, 1990 - December, 1990)

Marketing and Sales Internship

*Engaged in sales and marketing activities for IBM UK directly for the British Petroleum account. Technology training including the Open Systems Conference, London UK 1990.*

Ernst & Young LLP, Cleveland OH (Summer 1992)

Internship

*Internship with corporate audits department. Assisted with external corporate audits.*

Proctor & Gamble, Cincinnati OH (Summer 1991)

Internship

*Marketing and sales internship working on brand marketing and sales for P&G products.*

Community and Corporate Fitness (additional information on request): Sears Tower Club, Lehmann's Fitness Center, McClurg Sports Center, Motorola Corporation, Quaker Oats Corporation, Miami University Fitness Center, The Body Shop Fitness Center, Lakeshore Athletic Club, Northwestern University Fitness Center, Ballwin Sports and Racquet Club. (1985-1999)

### **Honors and Awards**

Outstanding Physical Therapist Award

2011

American Physical Therapy Association Colorado Chapter

Bob Doctor Service Award

2011

American Physical Therapy Association, Colorado Chapter

Bob Doctor Service Award

2007

American Physical Therapy Association, Colorado Chapter

Emerging Leader Award

2005

American Physical Therapy Association, National

Marinus Smith Award Excellence in Teaching

2005

University of Colorado, Denver CO

Outstanding Student Research Award

2000

Department of Physical Therapy, Regis University, Denver CO

AmeriCorps Scholarship Award

2000

Service Corps, Colorado (\$2,245)

Excellence in Service Award

2000

Department of Physical Therapy, Regis University, Denver CO

The Physical Therapy Excellence in Service Award

2000

Regis University, Denver CO

### **Scholarly Activities: Publications**

#### **Publications in a Refereed Journal**

1. **Hammerich, A**, Whitman J, Mintken P, Denninger T, Akuthota V, Sawyer E, Hofmann M, Childs J, Cleland J. Effectiveness of Physical Therapy Combined with Epidural Steroid Injection for Patients with Lumbar Spinal Stenosis: A Randomized Parallel-Group Trial. *Arch Phys Med Rehabil*. Available online 29 January 2019.
2. **Hammerich, AS** and Anemaet, WK, 2016. Applying the Evidence for Exercise Prescription in Older Adults with Knee Osteoarthritis. *Current Geriatrics Reports*. 5(3), pp.179-190.
3. Anemaet WK, **Hammerich AS**. (2014). A Framework for Exercise Prescription. *Topics in Geriatric Rehabilitation*, 30(2):79-101.
4. **Hammerich AS**. (2014). Lumbar Spinal Stenosis and Exercise Prescription. *Topics in Geriatric Rehabilitation*, 30(2):108-116.
5. Nelson-Wong, E., Eigsti, H., **Hammerich, A.**, & Ellison, N. (2013). Influence of presentation handout completeness on student learning in a physical therapy curriculum. *Journal of the Scholarship of Teaching and Learning*, 13(3), 33–47.
6. Scherer, S. & **Hammerich, A**. (2008). Outcomes in Cardiopulmonary Physical Therapy: Acute Care Index of Function. *Cardiopulmonary Physical Therapy Journal*, 19 (3), 94-97.
7. Rudroff, T., Barry, B. K. , **Hammerich, A. L.** , Barry, C. J. , & Enoka, R. M. (2007). Accessory muscle activity contributes to the variation in time to task failure for different arm postures and loads. *Journal of Applied Physiology*, 102, 1000-1006.

#### **Book Chapters Published**

1. Hammerich AS, Scherer SA, and Jones MA. "Influence of Stress, Coping and Social Factors on Pain and Disability in Musculoskeletal Practice." *Clinical Reasoning in Musculoskeletal Practice*. Elsevier, 2019. 47-70.

#### **Presentations**

##### **Refereed / Peer Reviewed Presentations**

1. **Hammerich, A**, Whitman J, Mintken P, Denninger T, Akuthota V, Sawyer E, Hofmann M, Childs J, Cleland J. Effectiveness of Physical Therapy Combined with Epidural Steroid Injection for Patients with Lumbar Spinal Stenosis: A Randomized Parallel-Group Trial.

Poster, Orthopaedic Section, APTA Combine Sections Meeting Washington DC January 23-27, 2019.

2. Anemaet W, **Hammerich A**, Balls C, Bourdo R, Davis C, Fuller S, Munson C, Monge A. Normative Data of Functional Measures in Community-Dwelling Older Adults. Poster, Home Health Section, APTA Combined Sections Meeting, Washington, DC January 23-27, 2019.
3. **Hammerich, Amy S**; Rich, Amy J; Aguirre, Chris; Liaw, James; Piche, Evan; Reeds, Laird; Reyna, Andres; Rixey, Amanda; Anemaet, Wendy. Physical Therapy Student Perception of Learning After a Simulation Experience: A Comparison of Video-taped, Verbal, and Written Feedback of Performance. Poster, Educational Section, APTA Combine Sections Meeting Washington, DC January 23-27, 2019.
4. Anemaet, Wendy; **Hammerich, Amy S**; Bernard, Paul; Davies, Alex; Hardin, Courtney; Heddings, Kristopher; Salazar, Sean; Seifert, Melanie. Normative hand held dynamometry, 6 minute walk test and aerobic capacity for older adults. Poster, Home Health Section, APTA Combine Sections Meeting Washington, DC January 23-27, 2019.
5. Probert E, **Hammerich A**, Dennison B, MacDonald CW. The use of dry needling with intramuscular electrical stimulation, with intra-session force production changes, in a patient following hip arthroscopy for femoral osteochondroplasty and labral repair: A case report. AAOMPT 2018 conference submission, Reno NV, 2018.
6. **Hammerich A**, Driesbach S, Cleland J, Scherer S, Main D. Pain and disability in older adults with back pain. International Conference on Health, Wellness, and Society. Denver, CO 10/5/17.
7. **Hammerich AS**, Cleland J, Scherer S, Driesbach S, Main D. Understanding pain and disability in older adults with back pain; a qualitative study of individuals with lumbar spinal stenosis. APTA Combined Sections Meeting, Anaheim, California, February 16-17, 2017.
8. **Hammerich AS**, Whitman J, Mintken P, Scherer S, Driesbach S, Main D, Cleland J. Psychosocial factors related to pain and disability in individuals with lumbar spinal stenosis. APTA Combined Sections Meeting, Anaheim, California, February 16-17, 2017.
9. Anemaet WK, **Hammerich AS**, Anderson E, Baratta K, Baumann L, Cheek L, Douhan K, Maruhashi L. Comparison of Posture and Function with Aging and Ethnicity. APTA Combined Sections Meeting, Anaheim, California, February 16-17, 2017.

10. Anemaet WK, **Hammerich AS**, Taraba D, Massine S, Hullman C, Slapper T, Gorycki R, Takashima K, Shackelford A, Sullivan M. A 13-Item Community-Dwelling Older Adult Screening Tool (COAST) May Predict Functional Decline In Older Adults. APTA Combined Sections Meeting, Anaheim, California, February 16-17, 2017.
11. Braddock Z, Branchaud S, Burger A, Griffin M, Hahn S, Lundberg J, Medberry S, Steinkraus K, **Hammerich AS**, Anemaet WK, Bade M. Efficacy of eccentric resistance training in persons with knee osteoarthritis. APTA NEXT Annual Meeting, Nashville, Tennessee, June 2016.
12. Anemaet WK, **Hammerich AS**. Clinical Decision Making in Therapeutic Exercise. 2016. Preconference Course. APTA Combined Sections Meeting, Anaheim, California, February 16-17, 2016.
13. Anemaet WK, **Hammerich AS**. Using Evidence for Effective Exercise Prescription in Individuals with Knee Osteoarthritis. 2016. Educational Session. APTA Combined Sections Meeting, Anaheim, California, February 18, 2016.
14. **Hammerich A**; Bade M; Anemaet W; Domskey A; Fritz B; Gilbert D; Haas M; Harrington R; Medin R; Parks S; Richardt T. (2015). *The Effects of Balance Training and Combination of Resistance Training and Balance Training on Strength, Balance, Gait, and Function in Community-Dwelling Older Adults with Knee Osteoarthritis*. Combined Sections Meeting of the American Physical Therapy Association. Indianapolis, IN.
15. Anemaet WK, **Hammerich AS**. Posture in older adults. 2014. APTA Combined Sections Meeting, Chicago, IL
16. Anemaet WK, **Hammerich AS**. The development of a comprehensive older adult screening tool for detecting decline in community dwelling older adults. 2014. APTA Combined Sections Meeting, Chicago, IL
17. **Hammerich AS**, Christenson M, Anemaet WK. (2014). *Clinical decision making in therapeutic exercise prescription. Part 1*. Educational session. Combined Sections Meeting of the American Physical Therapy Association. Las Vegas, NV.
18. **Hammerich AS**, Christenson M, Anemaet WK. (2014). *Application of a clinical decision making model for therapeutic exercise prescription. Part 2*. Educational session. Combined Sections Meeting of the American Physical Therapy Association. Las Vegas, NV.
19. Anemaet WK, **Hammerich AS**, Henderson L. Both the combination of resistance training and aerobic exercise and aerobic training alone improves balance, gait, and function in older adults with knee osteoarthritis. 2014. APTA Combined Sections Meeting, Chicago, IL
20. **Hammerich AS**, Anemaet WK, Brown K, Evens K, Kohnen J, McCluskey R, Peloquin C, Watkins D. (2014). *The Development of a Comprehensive Older Adult Screening Tool To*



*Detect Decline in Community Dwelling Older Adults*. Poster presentation. American Physical Therapy Association, Combined Sections Meeting, Las Vegas, NV.

21. **Hammerich AS**, Anemaet WK, Alade S, Brentin S, Burch T, Carlos J, Carpenter E, Chalupa M, Cornish R, de la Paz A, Cresswell L, Flores M, Friedman A, Henderson L, Lindstrom K, Moberg M. (2014). *The Effects of Combination of Resistance Training and Aerobic Exercise on Psychosocial Measures in Community-Dwelling Older Adults with Knee Osteoarthritis*. Poster presentation. American Physical Therapy Association, Combined Sections Meeting, Las Vegas, NV.
22. Anemaet WK, **Hammerich AS**, Alade S, Brentin S, Burch T, Carlos J, Carpenter E, Chalupa M, Cornish R, de la Paz A, Cresswell L, Flores M, Friedman A, Henderson L, Lindstrom K, Moberg M. (2014). *The Effects of Combination of Resistance Training and Aerobic Exercise on Cardiovascular Status, Strength, Balance, Gait, and Function in Community-Dwelling Older Adults with Knee Osteoarthritis (OA)*. Poster Presentation. American Physical Therapy Association, Combined Sections Meeting, Las Vegas, NV.
23. Eigsti, H., **Hammerich, A.**, Ellison, N., Nelson-Wong, E. (2013). *Effect of learning preference and lecture handouts on student performance*. Platform presentation. Teacher-Scholar Forum, Metropolitan State University, Denver, CO.
24. Nelson-Wong, E., Eigsti, H., **Hammerich, A.**, Ellison, N. (2013). *Influence of lecture handout completeness on student learning in a physical therapy curriculum*. American Physical Therapy Association, Combined Sections Meeting, San Diego, CA.
25. Anemaet, W., **Hammerich, A.**, McPoil, T. (2013). *Variations in foot posture and mobility in individuals with knee osteoarthritis*. Poster presentation, APTA Combined Sections Meeting, San Diego, CA.
26. Anemaet WK, Neel EB, Maw K, **Hammerich AS**. (2013). Strengthening your exercise intervention. APTA Combined Sections Meeting, San Diego, CA
27. Akuthota V, **Hammerich A**, Mintken P, Cleland J, Whitman J, Singh J, Knight E, Santo K. (2012). *Effectiveness of Physical Therapy as an Adjunct to Epidural Steroid Injections in the Treatment of Lumbar Spinal Stenosis: A Pilot Randomized Controlled Trial*. North American Spine Society Annual Meeting, Dallas, TX.
28. Anemaet, W.K., Scherer, S., Shaw, K., **Hammerich, A.S.**, Cocchiarella, K., Driller, J., Lovato, A., Massie, D., Schaberg, A., Welch, S., Wilson, M. (2012). *The effect of physical therapist instruction at an adult fitness park on gait, balance, strength, and flexibility in older adults*. APTA Annual Meeting, Tampa, FL.
29. **Hammerich, A.**, Anemaet, W.K., Bridge, P., Pohlman, E., Whitman, J. (2012). *Oswestry Disability Questionnaire in predicting walking ability in persons with lumbar spinal stenosis*. APTA Combined Sections Meeting, Chicago, IL.

30. Nemetz, K., Neel, E., Tidwell, T., Caldwell, D., Guenther, J., Willenbrecht, J., Eller, S., Anemaet, W.K., **Hammerich, A.** (2012). *Benefits of Resistance Training for Older Adults with Knee OA*. APTA Combined Sections Meeting, Chicago, IL.
31. **Hammerich, A.**, Anemaet, W.K., Caldwell, D., Eller, S., Guenther, J., Neel, E., Nemetz, K., Tidwell, T., Willenbrecht, J. (2012). *The effects of resistance training on strength, cardiovascular status, function, psychosocial status, and physical activity parameters in community-dwelling older adults with knee osteoarthritis*. APTA Combined Sections Meeting, Chicago, IL
32. **Hammerich, A.**, Anemaet, W.K., Shonsey, R., Torres Nixon, L., Hashiro, E., Dills, P., Hermesen, A., De Graaf, N., Trujillo, B. (2012). *Assessing Psychosocial Outcome Measures In Community Dwelling Older Adults: Pre And Post Strengthening and/or Cardiovascular Exercise*. APTA Combined Sections Meeting, Chicago, IL
33. Nelson-Wong, E., Eigsti, H., **Hammerich, A.**, Ellison, N. (2012). *Influence of lecture slide completeness on student learning in a biomechanics course within a physical therapy curriculum*. American Society of Biomechanics, Gainesville, Florida.
34. **Hammerich, A.**, Little, C., MacDonald, C., Anemaet, W.K. (2011). *Aging Joints*. APTA Annual Meeting, National Harbor, DC.
35. **Hammerich, A.S.** Miller, J., Cage, C., Maes, A., Turner, S. Mohr, F., Schmitt, E., Anemaet, W.K. (2010). *Analysis of practice determining length of stay in acute care*. APTA Combined Sections Meeting, New Orleans, LA.
36. **Hammerich, A.**, Maluf, K., Balter, J., Bruflat, A., & Johnson, C. (2008). *Effects of Biofeedback on Stress-Evoked Muscle Activity in Patients with Chronic Neck Pain*. APTA Combined Sections Meeting, Nashville, TN.
37. Rudroff, T., Barry, B., **Stone, A.**, & Enoka, R. M. (2005). *Time to Failure During Fatiguing Contractions is Influenced by the EMG Activity of Accessory Muscles*. American College of Sports Medicine Annual Meeting, Denver, CO.
38. Shinohara, M., **Stone, A.**, Barry, C. J. , & Enoka, R. M. (2005). *Age Does Not Influence the Increase in Force Fluctuations with Contralateral Muscle Activity*. American College of Sports Medicine Annual Meeting, Denver, CO.
39. Tschoepe, B., Noteboom, T., **Stone, A.**, & Kerr, J. (2004). *Ultrasound Imaging of Trunk Muscles in Patients with Acute Low Back Pain*. American Physical Therapy Association, Combined Sections Meeting, Tampa, FL.

40. Tschoepe, B., Winkler, P., **Stone, A.**, Felder, K., Thompson, C., J. Moeller, J. Peterson, (2001). *Effects of Customized Exercise Intervention on Motion Sickness Symptoms in Adults*. APTA Annual Conference and Exposition, Dallas, TX.

#### **Non-Refereed / Invited Presentations**

1. Rich A, Anemaet WK, **Hammerich AS**. Use of Camtasia for audiovisual enhanced feedback within a simulation laboratory educational experience. IDT Lunch and Learning session, Regis University 2018.
2. Hammerich, A. Soft Tissue Mobilization Techniques of the Back. AAOMPT Student Special Interest Group, Regis University 2018.
3. Rich A, Anemaet WK, **Hammerich AS**. Video Capture and Analysis Within A Simulation Laboratory. RHCHP Faculty Development Day. Celebration of Student Learning, Regis University 2017.
4. **Hammerich AS**. Doctor of Physical Therapy, Student Research Poster Presentation Celebration of Student Learning, Regis University 2016.
5. **Hammerich AS**. Alpha Sigma Nu Induction Ceremony Induction Speaker (Fall 2016, Spring 2018)
6. Rich A, Anemaet W, **Hammerich A**. Video Capture and Analysis Within A Simulation Laboratory. RHCHP Faculty Development Day. Microgrant Award Presentation, Regis University 2016.
7. **Hammerich AS**, Anemaet WK. A Framework for Therapeutic Exercise in Inpatient Setting. APTA CARESIG Meeting, Denver, CO. September, 2015.
8. **Hammerich AS**. Health and Exercise Science, Exercise Applications Walk-ability Audit partnership with Cultivate Health. Celebration of Student Learning, Regis University 2015.
9. **Hammerich AS**. Doctor of Physical Therapy, Management Applications of Physiology I Student Submaximal Aerobic Testing Videos. Celebration of Student Learning, Regis University 2014.
10. Scherer, S., **Hammerich, A.**, & Tschoepe, B. (2008). Integrating Health Promotion Into Your Physical Therapy Practice: Essential Tools. APTA/Colorado Chapter Fall Conference, Denver, CO.

#### **Grant Activity**

2019: **Hammerich AS**, Albin S, MacDonald C. Using Anatomy and Orthopaedic Clinical Examination Software in Online Content Delivery. (\$729) Teaching and Learning with Technology Micro-grant 2019-20.

2017: **Hammerich AS**, Geiser MB. *Using Video Technology in Chronic Pain*. (\$1,387) Teaching and Learning with Technology Micro-grant for the 2017-18.

2016: **Hammerich AS**, Anemaet WK, Rich A. Video Evaluation of Simulation Laboratory. (\$1,500) Teaching and Learning with Technology Micro-grant for the 2016-17

2014: Anemaet, W.K., **Hammerich, A.S.** Implementation of a Comprehensive Older Adult Screening Tool; Assisted Living. (\$2000.00) Argyle Foundation.

2012: **Hammerich, A.**, Eigsti, H., Marcisz, N., Nelson-Wong, E. *Qualitative Analysis of Different Lecture Slide Completeness in Physical Therapy Education: Student and Faculty Perceptions*. (\$993.60) Regis University Faculty Sponsored Projects and Academic Research Council Grants Program.

2012: **Hammerich, A.**, Anemaet, W.K., Fola, A., Brady, L., Brentin, S., Burch, T., Carlos, J., Carpenter, E., Chalupa, M., Cornish, R., De la Paz, A., Fischer, L., Flores, M., Friedman, A., Lindstrom, K., Moberg, M. *A comparison of aerobic and strengthening exercise for community dwelling older adults with knee osteoarthritis*. (\$500) Regis University Faculty Sponsored Projects and Academic Research Council Grants Program.

2012: Anemaet, W.K., **Hammerich, A.S.** Implementation of a Comprehensive Older Adult Screening Tool. (\$5000.00) Argyle Foundation.

2011: **Hammerich, A.** Area Grant Proposal for *Enhancing Fall Prevention Through Development of a Multi-factorial Risk Assessment and Intervention Strategy*. (3 CH) Rueckert Hartman College of Health Professionals Council on Research Faculty Workload Relief Grant.

2011: Anemaet, W. K., Smith, M. B. , **Hammerich, A. S.** , & Tschoepe, B. A. , Development of a multi-factorial Fall Risk Index for community dwelling older adults using OASIS-C data. (\$5,000.00) OASIS Answers, Inc.

2011: Anemaet, W. K., Smith, M. B. , **Hammerich, A. S.** , & Tschoepe, B. A. , Development of a multi-factorial Fall Risk Index for community dwelling older adults using OASIS-C data. (\$5,000.00) Home Health Section of the American Physical Therapy Association.

2010: **Hammerich, A.**, Anemaet, W.K, Smith, M.B., Tschoepe, B. *Development of a Fall Risk Index for Community Dwelling Older Adults using OASIS-C Data*. (\$4,405) Regis University Faculty Sponsored Projects and Academic Research Council Grants Program.

2010: **Hammerich, A.**, Anemaet, W. K., Nemetz, K., Neel, E., Tidwell, T., Caldwell, D., Guenther, J., Willenbrecht, J., Eller, S. *The Effects of Resistance Training on Strength, Cardiovascular Status, Function, Psychosocial Status, and Physical Activity Parameters in*

*Community-Dwelling Older Adults with Knee Osteoarthritis*. (\$500) Regis University Faculty Sponsored Projects and Academic Research Council Grants Program.

2010: **Hammerich, A.**, Torres Nixon, L., Hashiro, E., Trujillo, B., Shonesy, R., Dills, P., Hermesen, A., DeGraaf, N. *Psychosocial Mediators in Physical Activity*. (\$500) Regis University Faculty Sponsored Projects and Academic Research Council Grants Program.

2010: **Hammerich, A.**, Whitman, J., Cleland, J., & Scherer, S. *A comparison of the Oswestry and Treadmill Test in function of patients with lumbar spinal stenosis*. (\$750) Spine Research Award, Regis University School of Physical Therapy.

2008: **Hammerich, A.** *Epidural Steroid Injection versus Epidural Steroid Injection and Manual Physical Therapy and Exercise in the Management of Lumbar Spinal Stenosis: a RCT*. (\$6,135) Bob Doctor Research Grant Program.

2008: Cleland, J., **Hammerich, A.**, Mintkin, P., Akuthota, V., & Whitman, J., *Epidural Steroid Injection versus Epidural Steroid Injection and Manual Physical Therapy and Exercise in the Management of Lumbar Spinal Stenosis: a RCT*. (\$25,000) Orthopedic Section American Physical Therapy Association.

2004: **Stone, A.**, Promotion of Doctoral Studies I (\$7,500) Training Grant, Foundation for Physical Therapy.

### **Current Research Activities**

2012-present: *Effectiveness of Physical Therapy Combined with Epidural Steroid Injection for Patients with Lumbar Spinal Stenosis: A Randomized Parallel-Group Trial*. Completed a longitudinal RCT evaluating non-surgical interventions for LSS. Multiple measures both quantitative and qualitative were taken. Continued work on analysis of psychosocial variables, mixed methods and qualitative interviews still in process.

2012-present: *Postural Measures in Older Adults and Implications for Function*. Faculty student research coordinator. Performed series of postural and functional measures in older adults at the Argyle community in 2012-2014. Additional faculty coordinators: Wendy Anemaet, PT, PhD.

2010-present: *The Effects of Traditional Resistance Training, Balance Training, Aerobic Conditioning, and Eccentric Only Resistance Training on Strength, Cardiovascular Status, Function, Psychosocial Status, and Physical Activity Parameters in Community-Dwelling Older Adults with Knee Osteoarthritis*. Faculty student research coordinator. Performed several cohorts of 8 week interventions including traditional resistance training, balance training, aerobic conditioning and a series of functional measures in community dwelling older adults. Project is continued to involve evaluation of eccentric resistance training only on function outcomes. Additional faculty coordinators: Wendy Anemaet, PT, PhD., Mike Bade, PT, DPT, PhD.

## **Professional, Scientific, Honorary Associations or Societies**

### **Membership**

American Academy of Orthopedic Manual Physical Therapy (AAOMPT) (2016 to present)  
American Physical Therapy Association (APTA) (1999 to present)  
North American Spine Society (NASS) (2009-2012)  
Society of Neuroscience (2004-2006)  
American Physical Society (2004-2006)

### **Scholarly Professional Activities**

#### **Peer reviewer**

2009-present Physical Medicine and Rehabilitation Journal  
2018-present Complementary Therapies in Clinical Practice Journal  
2013 Evaluation and the Health Professions

#### **Moderator**

2014-2016 RHCHP Faculty Development Day, Moderator  
2009-2011 APTA Colorado Chapter Fall Symposium, Moderator  
2010-2012 APTA Colorado Chapter Spring Conference, Moderator

### **Professional Positions Held**

**President**, American Physical Therapy Association, Colorado Chapter Board of Directors (2009-2012)

**Delegate**, American Physical Therapy Association House of Delegates (2008-2012)

**President Elect**, American Physical Therapy Association, Colorado Chapter Board of Directors (2008)

**Treasurer**, American Physical Therapy Association, Colorado Chapter Board of Directors (2004-2008)

**Director at Large**, American Physical Therapy Association, Colorado Chapter Board of Directors (2003-2004)

**Treasurer**, American Physical Therapy Association, National Student Assembly Board of Directors (2000-2001)

### **Professional Committees/Task Forces**

#### **American Physical Therapy Association Colorado Chapter**

Post-Sunset Task Force (2011-2012)  
Sunset Task Force (2009-2012)  
Ethics Committee (2009-2012)  
Student Special Interest Group (2000-2012)  
Research Committee (2006-2012)  
Government Affairs Committee (2008-2012)

Professional Development and Education Committee (2009-2012)  
Awards Committee (2009-2012)  
Direct Access Task Force (2009)  
Bob Doctor Golf Committee (2009-2010)  
Reimbursement Committee (2005-2012)  
Finance Committee (2004-2012)

### **University of Colorado at Denver**

Colloquium Committee, Department of Health and Behavioral Science (2007-8)

### **Other Leadership Activities**

2012: APTA Leadership Meeting, San Diego, CA  
2012: APTA Council of Chapter Presidents, San Diego, CA  
2011: APTA Leadership Meeting, San Diego, CA  
2011: APTA Council of Chapter Presidents, San Diego, CA  
2010: APTA Leadership Meeting, San Diego, CA  
2010: APTA Council of Chapter Presidents, San Diego, CA  
2009: APTA Leadership Meeting, San Diego, CA  
2009: APTA Council of Chapter Presidents, San Diego, CA  
2008: APTA Component Leadership Seminar  
2005: APTA State Legislative Affairs Conference, Colorado Representative  
2005: APTA National Student Conclave, Speaker  
2001: APTA National Student Conclave, Speaker  
2000-2001: APTA Colorado Chapter Student Special Interest Group, Vice President and Co-founder  
2000: APTA Component Leadership Seminar, National Student Representative  
2000: APTA Federal Legislative Affairs Conference, National Student Representative.  
1999-2000: Student Governance Board, Department of Physical Therapy, Regis University, Vice President  
1988-1992: Miami University Student Government; Chief of Staff to the Student Body President, Campaign Director, Office Director, member  
1989-1992: Miami University Entrepreneurial Society; Vice President, National Delegate to the Association of Collegiate Entrepreneurs, member  
1988-1992: Alpha Chi Omega; President Class of '88, Cultural Programming Chair, National Representative, Social Chair, member  
1988-1990: International Association of Students in Economics and Business (AIESEC); United States Representative, Midwest Delegate, member

### **Service**

#### **Service to the College/University**

##### **University**

**IDT Director Task Force** (2019) - participated in ID&T Director finalist interviews as the RHCHP representative  
**Alpha Sigma Nu Regis University Faculty Committee** (2016-present)

**Fitness Coordinator task force (2015)**  
**Regis University Director of Wellness and Recreation Director Search task force (2014)**

### **Ruckert Hartman College for Health Care Professions**

**Past-Chair**, RHCHP Educational Technology Committee (2019-20)  
**Chair**, RHCHP Educational Technology Committee (2018-19)  
**Past-Chair**, Educational Technology Committee RHCHP (2017-18)  
**Chair**, RHCHP Educational Technology Committee (2016-17)  
**Chair**, RHCHP Faculty Development Day ETC task force (2016-17)  
**Past-Chair**, Educational Technology Committee RHCHP (2015-16)  
**Chair**, RHCHP Faculty Development Day ETC task force (2015)  
**Chair**, RHCHP Educational Technology Committee (2014-15)  
**Secretary**, RHCHP Inter Professional Education (IPE) Committee (2012-2015)  
**Co-Chair**, RHCHP Faculty Development Day ETC task force (2014)  
**Secretary**, RHCHP Educational Technology Committee (2013-14)  
Member, RHCHP IPE task force in Health Care Ethics (2013-15)  
Member, RHCHP IPE task force on the research agenda in aging (2009-2010)  
**Convocation Marshal (2009)**

### **School of Physical Therapy (SOPT)**

Coordinator, Residency in Orthopaedic Physical Therapy (2019-present)  
Community Strategic Planning Committee (2017-present)  
Post Professional Committee (2016-present)  
Musculoskeletal Committee (2016-present)  
Faculty Search Committee (Senior position) (2017-18)  
Faculty Search Committee (Orthopedic; 2 positions) (2015-6)  
Faculty Search Committee (Orthopedic) (2015)  
Blessing of the Hands Ceremony Facilitator (2015-2019)  
Dean Search Committee (2014)  
HES Committee (2010 – 2016)  
    HES curriculum development (2010-2013)  
    HES scheduling task force (2013-2014)  
    HES assessment and outcomes task force (2014)  
Department of Professional Studies Committee (2007-2012)  
Faculty Time Off task force (2013)  
Social Media task force (2012-2013)  
Professional Behaviors task force (2010-2012)  
Generic Abilities and Advising task force (2009-2010)  
DPT Class Advisor (2009-2010)  
Application of Hypothesis Oriented Algorithm for Clinicians Model task force (2009-2010)  
Exercise Science Minor Committee (2007-2010)



Faculty Search task force (2008-2009)  
Faculty Clinical Practice task force (2008-2009)  
Faculty planning member (2008-present)  
Analysis of Practice Coordinator (2007-2009)  
DPT Student Advisor (2007-present)  
tDPT Student Advisor (2006-2009)  
Advisory Committee, Board member (2004-2005)

### **Service to the Community**

- IPE facilitator, RHCHP Interprofessional Event March 2019
- Project Homeless Connect; volunteer, faculty supervisor (2008, 2009, 2010, 2014, 2015, 2016, 2017)
- 9Health Fair SOPT Coordinator (2017); volunteer, faculty supervisor (1999-2009, 2011, 2016)
- Cultivate Health; volunteer, faculty supervisor (2014-2016)
  - Fitness Zones (2015-16)
  - Walkability project (2014-15)
- Congregational Health Ministry; volunteer, faculty supervisor (2009-2011)
- Argyle Senior Center; volunteer, faculty supervisor (2000; 2007-2009, 2011-2016)
- Highlands Independent Living; faculty supervisor (2008-2011)
- Wheat Ridge Senior Center; faculty supervisor (2009-2010)
- Willow Springs Home Owners Association; President (2003-2009)
- Wilderness on Wheels Benefit, Co-Director (2000, 2001)
- 9Health Fair, Regis University Student Coordinator (2000)
- Americorps Service Corps (2000)

### **Continuing Education**

- APTA CO David and Goliath Manual Therapy – 2019
- APTA CO Dry Needling Symposium - 2018
- Kinetacore Level 1 Dry Needling Course - 2017-18
- Regis University DPT 741T Management of Lumbosacral Disorders - 2016
- Regis University DPT 742T Management of Cervical and Thoracic Disorders - 2016
- Regis University DPT 745T Management of Lower Extremity Disorders - 2018
- Regis University DPT 746T Management of Upper Extremity Disorders - 2017
- Regis University DPT 784T/785T/786T Virtual Rounds – 2017-18
- Regis University DPT 790T Clinical Fellowship Practicum - 2018
- APTA Orthopaedic Section Independent Study Course Series 3<sup>rd</sup> Ed. 2015
- Regis University Clinical Educators Forum and Research Event “Excellence in Education” – 2016

## **Teaching Responsibilities**

### **Summer 2020**

#### **Course Director**

DPT 784T Virtual Rounds (1CH)

#### **Instructor**

DPT 733 MMI (3CH)

DPT 719 Exercise Foundations (1 CH)

DPT 742T CT Disorders (3 CH)

DPT 790T Practicum (3 CH)

### **Spring 2020**

#### **Course Director**

DPT 741T LS Disorders (3 CH)

#### **Instructor**

DPT 735 MM III (3 CH)

DPT 796 Capstone (1 CH)

DPT 790T Practicum (3 CH)

### **Fall 2019**

#### **Course Director**

DPT 734 MM II (3 CH)

DPT 716 Business Management (2 CH)

#### **Instructor**

DPT 790T Practicum (3CH)

### **Summer 2019**

#### **Course Director**

DPT 784T Virtual Rounds (1CH)

#### **Instructor**

DPT 733 MMI (3CH)

DPT 719 Exercise Foundations (1 CH)

DPT 742T CT Disorders (3 CH)

DPT 790T Practicum (3 CH)

### **Spring 2019**

#### **Course Director**

DPT 741T LS Disorders (3 CH)

#### **Instructor**

DPT 735 MM III (3 CH)

DPT 796 Capstone (1 CH)  
DPT 790T Practicum (3 CH)

**Fall 2018**

**Course Director**

DPT 734 MM II (3 CH)  
DPT 716 Business Management (2 CH)

**Instructor**

DPT 790T Practicum (3CH)

**Summer 2018**

**Course Director**

DPT 739 Exercise Application (2 CH)

**Instructor**

DPT 733 MMI (3CH)  
DPT 719 Exercise Foundations (1 CH)

**Spring 2018**

**Course Director**

HES 434 Exercise Prescription (3 CH)  
HES 435 Exercise Prescription Lab (1 CH)

**Instructor**

DPT 706 Movement Science (2 CH)  
DPT 735 MM III (3 CH)  
DPT 796 Capstone (1 CH)

**Fall 2017**

**Course Director**

DPT 734 MM II (3 CH)  
DPT 716 Business Management (2 CH)

**Summer 2017**

**Course Director**

DPT 739 Exercise Application (2 CH)

**Instructor**

DPT 733 MMI (3CH)  
DPT 719 Exercise Foundations (1 CH)

**Spring 2017**

**Course Director**

HES 434 Exercise Prescription (3 CH)  
HES 435 Exercise Prescription Lab (1 CH)

**Instructor**

DPT 706 Movement Science (2 CH)  
DPT 796 Capstone (1CH)

**Fall 2016****Course Director**

DPT 716 Business Management; lecture (26 CH)  
DPT 734 Musculoskeletal Management II; lecture/lab (52 CH)

**Instructor**

DPT 708 Management Applications of Physiology I; lab (18 CH)

**Summer 2016****Spring 2016****Course Director**

HES 434 Exercise Prescription; lecture/lab (73 CH)

**Instructor**

DPT 735 Musculoskeletal Management III; lecture/lab (26 CH)  
DPT 738 Management Applications of Physiology III; lecture/lab (51 CH)  
DPT 796 Capstone Portfolio; advisor/reviewer (18 CH)  
DPT 706 Movement Science; lab (9 CH)

**Fall 2015****Course Director**

DPT 708 Management Applications of Physiology I; lecture/lab (36 CH)  
DPT 716 Business Management; lecture (12 CH)

**Instructor**

DPT 734 Musculoskeletal Management II; lecture/lab (37 CH)

**Summer 2015****Course Director**

DPT 739 Exercise Applications; lecture/lab (36 CH)

**Instructor**

DPT 719 Exercise Foundations; lab (18 CH)

**Spring 2015****Course Director**

HES 434 Exercise Prescription; lecture/lab (73 CH)

**Instructor**

DPT 735 Musculoskeletal Management III; lecture/lab (8 CH)  
DPT 738 Management Applications of Physiology III; lecture/lab (51 CH)  
DPT 796 Capstone Portfolio; advisor/reviewer (18 CH)

DPT 706 Movement Science; lab (9 CH)

### **Fall 2014**

#### **Instructor**

DPT 708 Management Applications of Physiology I; lecture/lab (36 CH)

DPT 734 Musculoskeletal Management II; lecture/lab (37 CH)

DPT 716 Business Management; lecture (12 CH)

### **Spring 2014**

#### **Course Director**

HES 434 Exercise Prescription; lecture/lab (48 CH)

#### **Instructor**

DPT 735 Musculoskeletal Management III; lecture/lab (8 CH)

DPT 738 Management Applications of Physiology III; lecture/lab (51 CH)

DPT 796 Capstone Portfolio; advisor/reviewer (18 CH)

DPT 706 Movement Science; lab (9 CH)

DPT 791 Evidence Based Practice II; journal club (2 CH)

### **Summer 2014**

#### **Course Director**

DPT 739 Exercise Applications; lecture/lab (34 CH)

#### **Instructor**

DPT 774 Professional Issues V; business resume and interviewing (8 CH)

DPT 790 Evidence Based Practice; journal club (2 CH)

### **Fall 2013**

#### **Course Director**

Research Advisor DPT class of 2014; student research project (12 CH)

Research Advisor DPT class of 2015; student research project (60 CH)

#### **Instructor**

DPT 708 Management Applications of Physiology I; lecture/lab (30 CH)

DPT 734 Musculoskeletal Management II; lecture/lab (22 CH)

DPT 716 Business Management; lecture (12 CH)

DPT 776 Critical Inquiry; journal club (4 CH)

### **Summer 2013**

#### **Course Director**

DPT 739 Exercise Applications; lecture/lab (24 CH)

DPT 708T Health and Wellness; lecture (36 CH)

### **Spring 2013**

#### **Instructor**

DPT 735 Musculoskeletal Management III; lecture/lab (9 CH)  
DPT 738 Management Applications of Physiology III; lecture/lab (48 CH)  
DPT 796 Capstone Portfolio; advisor/reviewer (9 CH)  
DPT 706 Movement Science; lab (9 CH)

### **Fall 2012**

#### **Course Director**

DPT 708T Health and Wellness lecture (36 CH)  
EXS 422 Motor Behavior lecture (45 CH)  
Research Advisor DPT class of 2013; student research project (24 CH)  
Research Advisor DPT class of 2014; student research project (24 CH)

#### **Instructor**

DPT 708 Management Applications of Physiology I lecture/lab (30 CH)  
DPT 734 Musculoskeletal Management II lecture/lab (43 CH)  
DPT 716 Business Management lecture (12 CH)

### **Summer 2012**

#### **Course Director**

DPT 739 Exercise Applications lecture/lab (32 CH)  
DPT 708T Health and Wellness lecture (36 CH)

### **Spring 2012**

#### **Course Director**

DPT 706 Movement Science lecture/lab (41 CH)  
Research Advisor DPT class of 2012; student research project (15 CH)

#### **Instructor**

DPT 735 Musculoskeletal Management III lecture/lab (8 CH)  
DPT 738 Management Applications of Physiology III lecture/lab (48 CH)  
DPT 796 Capstone Portfolio; advisor/reviewer (12 CH)  
DPT 741T Geriatric Fellowship; spine content (12 CH)

### **Fall 2011**

#### **Course Director**

DPT 708 Management Applications of Physiology I lecture/lab (54 CH)  
Research Advisor DPT class of 2012; student research project (15 CH)  
Research Advisor DPT class of 2013; student research project (36 CH)  
DPT 708T Health and Wellness; lecture (24 CH)

#### **Instructor**

DPT 734 Musculoskeletal Management II; lecture/lab (43 CH)

### **Summer 2011**

#### **Course Director**

DPT 739 Exercise Applications lecture/lab (32 CH)  
DPT 708T Health and Wellness lecture (36 CH)  
Research Advisor DPT class of 2012; student research project (15 CH)

### **Spring 2011**

#### **Course Director**

DPT 738 Management Applications of Physiology III; lecture/lab (84 CH)  
Research Advisor DPT class of 2011; student research project (15 CH)  
Research Advisor DPT class of 2012; student research project (15 CH)

#### **Instructor**

DPT 796 Capstone Portfolio; advisor/reviewer (15 CH)

### **Fall 2010**

#### **Course Director**

EXS 422 Motor Behavior; lecture (36 CH)  
Research advisor DPT class of 2011; student research project (15 CH)  
Research advisor DPT class of 2011; student research project (15 CH)

#### **Instructor**

DPT 708 Management Applications of Physiology I lecture/lab (38 CH)  
DPT 734 Musculoskeletal Management II lecture/lab (43 CH)

### **Summer 2010**

#### **Course Director**

DPT 739 Exercise Applications; lecture/lab (24 CH)  
Research Advisor DPT class of 2011; student research project (15 CH)

#### **Instructor**

DPT 771 Professional Issues II; PBL tutorial/clinical decision making (27 CH)  
DPT 740T Advanced Clinical Decision Making; lecture (36 CH)

### **Spring 2010**

#### **Course Director**

DPT 738 Management Applications of Physiology III; lecture/lab (56 CH)  
Research Advisor DPT class of 2010; student research project (15 CH)  
Research Advisor DPT class of 2011; student research project (15 CH)

#### **Instructor**

DPT 796 Capstone Portfolio; advisor/reviewer (18 CH)

### **Fall 2009**

#### **Course Director**

Research Advisor DPT class of 2010; student research project (15 CH)  
Research Advisor DPT class of 2011; student research project (15 CH)

**Instructor**

DPT 708 Management Applications of Physiology I; lecture/lab (32 CH)  
DPT 708T Health and Wellness; lecture/lab (39 CH)

**Summer 2009****Course Director**

DPT 739 Exercise Applications; lecture/lab (24 CH)  
Research advisor DPT class of 2010; student research project (15 CH)

**Instructor**

DPT 790 Evidence Based Practice I; lecture/lab (17 CH)  
DPT 740T Advanced Clinical Decision Making; lecture (36 CH)

**Spring 2009****Course Director**

DPT 738 Management Applications of Physiology III; lecture/lab (84 CH)  
Research Advisor DPT class of 2010; student research project (15 CH)

**Instructor**

DPT 791 Evidence Based Practice II; SPSS lab (9 CH)  
DPT 793 Evidence Based Practice IV; journal club (3 CH)  
DPT 796 Capstone Portfolio; advisor/reviewer (15 CH)

**Fall 2008****Course Director**

EXS 422 Motor Behavior; lecture (45 CH)  
Research Advisor DPT class of 2010; student research project (15 CH)

**Instructor**

DPT 708 Management Applications of Physiology I; lecture/lab (32 CH)  
DPT 776 Critical Inquiry; lecture (21 CH)  
DPT 708T Health and Wellness; lecture/lab (39 CH)  
DPT 792 Evidence Based Practice IV; journal club (Instructor) (3CH)