

CURRICULUM VITAE

Barbara M. Doucet, PhD, LOTR
Associate Professor
Department of Occupational Therapy
School of Allied Health Professions
LSU Health New Orleans
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Education and Training

PhD	2007	The University of Texas at Austin, Austin, TX, Kinesiology/Human Movement Science
MHS	1996	Louisiana State University Health Sciences Center, New Orleans, LA, Master of Health Science, Allied Health Education
BS	1984	Louisiana State University Health Sciences Center, New Orleans, LA, Bachelor of Science, Occupational Therapy

Professional Experience/Employment History

2013-present	Assistant Professor, LSU Health Sciences Center (LSUHSC), School of Allied Health, Department of Occupational Therapy, New Orleans, Louisiana
2007-2013	Assistant Professor, University of Texas Medical Branch at Galveston (UTMB), School of Health Professions, Departments of Occupational Therapy and Rehabilitation Sciences, Galveston, TX
2002-2007	Assistant Instructor, University of Texas at Austin, Department of Kinesiology, Human Movement Sciences, Austin, TX
2000-2002	Rehabilitation Unit Manager, Presbyterian Hospital of Dallas, Dallas, TX
1997-2000	Assistant Professor of Clinical Occupational Therapy, LSUHSC, Department of Occupational Therapy, New Orleans, LA
1991-1997	Adjunct Instructor, Department of Occupational Therapy, LSUSHC, New Orleans, LA
1995-1997	Occupational Therapist, MedRehab of Louisiana, Destrehan, LA
1993-1995	Clinical Coordinator, RehabCare, Thibodaux, LA
1991-1993	Occupational Therapy Manager, Healthsouth, Harahan, LA
1984-1991	Senior Occupational Therapist, Touro Infirmary, New Orleans, LA

Certification/Licensure

1984-present	Louisiana State Board of Medical Examiners, License #Z10343
2000-present	Texas Board of Occupational Therapy Examiners, License #109890

Professional Organization Memberships

2014-present	American College of Rehabilitation Medicine
2000-present	Texas Occupational Therapy Association
1982-present	American Occupational Therapy Association
1982-present	Louisiana Occupational Therapy Association

Publications

Refereed Journal Articles

Mettler, J. A., Bennett, S. M., Doucet, B. M., & Magee, D. M. (2017). Neuromuscular electrical stimulation and anabolic signaling in stroke patients. *Journal of Stroke and Cerebrovascular Diseases*, in press.

Doucet, B. M., & Mettler, J. A. (2017). Combining electrical stimulation and a dynamic hand orthosis for functional recovery in chronic stroke. *American Journal of Occupational Therapy*, in press.

Doucet, B. M., Mettler, J. A., Griffin, L., & Spirduso, W. (2016). Force irregularity following maximal effort: the after-peak reduction. *Perceptual and Motor Skills*, 123(1), 244-257.

Sheffield-Moore, M., Wiktorowicz, J. E., Soman, K. V., Danesi, C. P., Kinsky, M. P., Dillon, E. L., Randolph, K. M., Casperson, S. L., Gore, D. C., Horstman, A. M., Lynch, J. P., Doucet, B. M., Mettler, J., Ryder, J. W., Ploutz-Snyder, L. L., Hsu, J. W., Jahoor, F., Jennings, K. & Durham, W. J. (2013). Sildenafil increases muscle protein synthesis and reduces muscle fatigue. *Clinical Translational Science*, 6(6), 463-4688.

Doucet, B. M. & Griffin, L. (2013). High vs. low frequency stimulation effects on fine motor control in chronic hemiplegia. *Topics in Stroke Rehabilitation*, 20(4), 299-307.

Doucet, B. M. & Mettler, J. A. (2012). Effects of dynamic progressive wrist splinting for chronic hemiplegia in a skilled nursing facility. *Journal of Hand Therapy*, 26(2), 139-46.

Doucet, B. M. & Seale, J. (2012). The free post-stroke clinic: a successful teaching and learning model. *Journal of Allied Health*, 41(4), 162-169.

Doucet, B. M. (2012). The Issue Is: Neurorehabilitation – Are we doing all that we can? *American Journal of Occupational Therapy*, 66, 488-93.

Doucet, B. M., Lam, A. & Griffin, L. (2012). Neuromuscular electrical stimulation for skeletal muscle function: a review. *Yale Journal of Biology and Medicine*, 85(2), 201-15.

Doucet, B. M. & Griffin, L. (2012). Variable stimulation patterns in younger and older thenar muscle. *Journal of Electromyography and Kinesiology*, 22, 215-22.

Doucet, B. M. & Griffin, L. (2009). Variable stimulation patterns for post-stroke hemiplegia. *Muscle and Nerve*, 39(1), 54-62.

Doucet, B. M. & Griffin, L. (2008). Maximal and submaximal intensity stimulation with variable patterns. *Muscle and Nerve*, 37(6), 770-777.

Griffin, L., Jun, B. G., Covington, C., & Doucet, B. M. (2008). Force output during fatigue with progressively increasing stimulation frequency. *Journal of Electromyography and Kinesiology*, 18(3), 426-443.

Touchard, B. M. [previous name], & Berthelot, K. (1999). Collaborative home practice: nursing and occupational therapy ensure appropriate medication administration. *Home Healthcare Nurse*, 17, 45-51.

Accepted for Publication

Wellons, R. T., Doucet, B. M., & Levitzky, E. (2017). Impact of an interprofessional stroke clinic on the teamwork and clinical reasoning abilities in physical and occupational therapy students. *Journal of Allied Health*. Submitted June 2017, in revision.

Other Scholarly Contributions

Invited Reviews

Doucet, B. M., Woodson, A., & Watford, M. (2014). Moving toward 2017: progress in rehabilitation intervention effectiveness research. *American Journal of Occupational Therapy*, 68(4), 124-148.

Doucet, B. M. (2013). Five years later: achieving professional effectiveness to move neurorehabilitation forward. *American Journal of Occupational Therapy*, 67(5), 106-19.

Editorials

Doucet, B. M. (2014). Quantifying function, part II: status critical. *American Journal of Occupational Therapy*, 68, 1-4.

Doucet, B. M. & Gutman, S. A. (2013). Quantifying function: the rest of the measurement story. *American Journal of Occupational Therapy*, 67(1), 7-9.

Doucet, B. M. (2013). Editorial note: special issue on dementia. *American Journal of Occupational Therapy*, 67(6), 704-705.

Access My Bibliography:

<https://www.ncbi.nlm.nih.gov/sites/myncbi/10yWfwd6rI1Ad/bibliography/51052757/public/?sort=date&direction=ascending>

Professional Presentations

Invited Lectures

Doucet, B. M. (2016, November). Fostering Student Competency: The LSUHSC Allied Health Post-Stroke Clinic. LSUHSC Dean's Seminar Series, New Orleans, LA.

Doucet, B. M. (2016, February). [Keynote Presentation]. Neuroplasticity and the Therapist's Brain: Discovering our Alternate Pathways. Texas Woman's University 2016 Vanderkooi Lecture, Dallas, TX.

Doucet, B. M. (2015, November). [Keynote Presentation]. Ultimate Practice: Demonstrating and Articulating the Value of Occupational Therapy. University of Texas Medical Branch Occupational Therapy Mentor Day, Galveston, TX.

Doucet, B. M. (2015, March). Research Update on Methods for Improving Function in Persons with Brain Injury. Brain Injury Association of Louisiana, New Orleans, LA.

Doucet, B. M. (2012, March). Neuromuscular Electrical Stimulation: Best Practice for the Neurological Patient. Touro Infirmiry. New Orleans, LA.

Doucet, B. M. (2011, May). A neuromechanical treatment regimen for chronic stroke. University of Texas Medical Branch/ University of Florida K12 Annual Meeting. Gainesville, FL.

Doucet, B. M. (2010, October). Electrical stimulation for neurological OT practice. Victory Educators Conference. Baton Rouge, LA

Doucet, B. M. (2010, May). A neuromechanical treatment regimen for chronic stroke. University of Texas Medical Branch/ University of Florida K12 Annual Meeting. Galveston, TX.

Doucet, B. M. (2009, May). NMES for recovery in chronic stroke. University of Texas Medical Branch/ University of Florida K12 Annual Meeting. Gainesville, FL.

Doucet, B. M. (2009, May). Innovations in CVA intervention. Memorial Hermann Southeast Workshop. Houston, TX

Doucet, B. M. (2009, April). Innovations in CVA intervention. Victory Educators Conference. Mandeville, LA

- Doucet, B. M. (2009, March). Innovations in CVA intervention. Victory Educators Conference. Baton Rouge, LA
- Doucet, B. M. (2009, February,). Variable stimulation for post-stroke hemiplegia. American Heart Association International Stroke Conference. San Diego, CA.
- Doucet, B. M. (2009, May). Innovations in CVA intervention. Memorial Hermann Southeast Workshop, Houston, TX
- Doucet, B. M. (2007, October). Update on clinical practice: evidence-based strategies to implement now. TherEx Onsite Rehab Solutions Continuing Education Event. Baton Rouge, LA.
- Sehrt, A., & Doucet, B. (2003, September). Using data to drive decisions. The Mountain Central Occupational Therapy Conference, Dallas, TX.
- Mangum, S., & Doucet, B. (2002, May). The art and science of wellness. The American Occupational Therapy Association Conference, Miami, Florida.
- Mollere, B. (2000, November). Motor relearning following CVA: A comparison of implicit and explicit processes. LSU Kinesiology Motor Behavior Seminar Series, Baton Rouge, LA.
- Mollere, B. (2000, October). Basic Caregiving Skills. Volunteers of America Presentation.
- Mollere, B. (2000, May). Basic transfers for the caregiver. Jefferson Parish Human Services Agency, Metairie, LA.
- Mangum, S. & Mollere, B. (2000, April). The mind-body connection: Its influence on health. South Louisiana Allied Health Education Commission Distance Learning Series, New Orleans, LA.
- Jeter, J., Mollere, B., & Ross, J. (2000, February). Use of teaching objectives in effective test construction. LSU Health Science Center Faculty Development Series, New Orleans, LA.
- Mollere, B. (1999, April). Examining purposeful activity as a means to enhance motor performance and learning. LSU Kinesiology Motor Behavior Seminar Series, Baton Rouge, LA.
- Touchard, B. (1998, October). Preparing for rehabilitation professions in the 21st century. Joy Kistler Kinesiology Conference, Baton Rouge, LA.
- Herring-Root, M., Payne, J., Ross, J., & Touchard, B. (1998, June). Preparing for the current challenges: An academic perspective. Presented at the LSUMC/Southeastern Louisiana Area Health Education Center Conference, "New Directions In Occupational Therapy," New Orleans, LA.

- Touchard, B. (1997, July). The role of occupational therapy on the interdisciplinary home healthcare team. Seminar for St. Charles Parish Hospital Home Healthcare staff, Luling, LA.
- Touchard, B. (1996, January). Restraint reduction in the long term care setting. Seminar presented for Mariner Health, Inc. Destrehan, LA.
- Moore, A., Mueller, K., Poulton, S., & Touchard, B. (1995, August). New trends in practice. LSUMC/Southeastern Louisiana Area Health Education Center workshop, New Orleans, LA .
- Touchard, B. (1994, March). Work safety and injury prevention for the seated worker. Community education for local government workers, Thibodaux, LA.
- Touchard, B. & Picou, C. (1993, September). Health and wellness for the young at heart. Community education program for the elderly, Thibodaux, LA.
- Touchard, B. (1992, 1993, 1994, July). Evacuation and safety procedures for rehabilitation patients : Training for nurses. Annual training for nursing staff at Thibodaux Hospital, Thibodaux, LA.
- Touchard, B. (1991, November). Driving rehabilitation for the brain injured patient. Louisiana Head Injury Association Conference, New Orleans, LA.
- Touchard, B. (1991, August). What is occupational therapy? Presentation given to Harahan Rotary Club, Harahan, LA.
- Touchard, B. (1991, July). Preventing carpal tunnel syndrome. Presentation given at the New Orleans Technical Writers Association quarterly meeting, Metairie, LA.
- Touchard, B. (1990, May). Clinical instructor workshop. Six-week staff seminar held at Touro Infirmary, New Orleans, LA.
- Touchard, B., Picou, C., & Swoboda, C. (1990, November). A team approach to assessing the needs of the brain injured patient. Louisiana Governor's Conference for the Disabled. Baton Rouge, LA.

Oral/Platform Presentations at Professional Meetings

- Richards, L., Page, S. Smith, D., Bendixen, R. & Doucet, B. (2015, April). Getting Your Research Published. American Occupational Therapy Association Annual Conference. Nashville, TN.
- Doucet, B. M., Hersch, G., Neville, M., & Reistetter, T. A. (2015, April). Clinical Research Demystified: Implementing Research through Clinical Practice. American Occupational Therapy Association Annual Conference. Nashville, TN.

- Doucet, B. M., Hersch, G., Neville, M., & Reistetter, T. A. (2014, November). Implementing Clinical Practice: Strategies for Success. Texas Occupational Therapy Association Mountain Central Conference. Houston, TX.
- Doucet, B. M. (2013, April). Neuromechanical interventions for chronic stroke. American Occupational Therapy Association Annual Conference. San Diego, CA.
- Doucet, B. M. (2013, April). Neurorehabilitation technology. American Occupational Therapy Association Annual Conference. San Diego, CA.
- Doucet, B. M. (2013, April). Electrical stimulation workshop. Louisiana Occupational Therapy Association Spring Conference. Metairie, LA.
- Doucet, B. M. (2012, November). Neurorehabilitation Technology. Summit Education Seminars. Kansas City, KS.
- Doucet, B. M. (2012, November). Neurorehabilitation Technology. Summit Education Seminars. Wichita, KS.
- Doucet, B. M. (2011, April). The free post-stroke clinic: a successful teaching model. American Occupational Therapy Association Annual Conference. Philadelphia, PA.
- Doucet, B. M. & Seale, J. (2010, November). The free post-stroke clinic: a successful teaching model. Texas Occupational Therapy Mountain Central Conference. Sugarland, TX.
- Doucet, B. M. (2009, February). Variable stimulation for post-stroke hemiplegia. American Heart Association International Stroke Conference, New Orleans, LA.
- Domangue, B., Mangum, S., & Mollere, B. (2000, October). Occupational therapy and wellness: A perfect fit. Great Southern Occupational Therapy Conference, Charleston, West Virginia.
- Herring-Root, M., & Touchard, B. (2000, May). Contemporary strategies for evaluation and treatment: Changing our professional mindset. Louisiana Occupational Therapy Association Conference, New Orleans, LA.
- Domangue, B., Mangum, S., & Mollere, B. (1999, October). Integrating occupation into a biomedical model: RSD revisited. Great Southern Occupational Therapy Conference, Destin, FL.
- Fontana, P., Kyler, P., & Touchard, B. (1998, December). Issues in ethics for occupational therapy. Panel discussion presented at the Louisiana Occupational Therapy Association Conference, Baton Rouge, LA.

- Herring-Root, M. & Touchard, B. (1997, December). Contemporary strategies in occupational therapy assessment and treatment: Changing our professional mindset. Louisiana Occupational Therapy Association Conference, Baton Rouge, LA.
- Touchard, B. & Picou, C. (1995, November). Basic NDT principles for the neurological patient: A workshop for COTAs. Louisiana Occupational Therapy Conference, Kenner, LA.
- Touchard, B. (1991, November). Driving rehabilitation for the brain injured patient. Louisiana Head Injury Association Conference, New Orleans, LA.
- Touchard, B. (1991, October). The role of the Fieldwork II clinical instructor. Great Southern Occupational Therapy Conference, Norfolk, VA
- Touchard, B. (1990, October). A clinical instructor training program for healthcare facilities. Louisiana Occupational Therapy Association Conference, Baton Rouge, LA.
- Eschette, L., Herring, M., Lee, A., & Touchard, B. (1989, October). An interdisciplinary approach to brain injury rehabilitation. Great Southern Occupational Therapy Conference, Savannah, GA.
- Mollere, B. & Picou, C. (1986, November). A team approach to rehabilitation. Louisiana Governor's Conference for the Disabled. Baton Rouge, LA
- Mollere, B. (1986, May). The role of OT in an interdisciplinary rehabilitation program. Louisiana Occupational Therapy Association Conference, Alexandria, LA.

Poster Presentations at Professional Meetings

- Bennett, S. M., Mettler, J. A., Magee, D. M., Williams, J. S., & Doucet, B. M. (2016, June). Effect of neuromuscular electrical stimulation on anabolic signaling in skeletal muscle of stroke survivors. American College of Sports Medicine Annual Conference, Boston, MA.
- Alig, K., Doucet, B., Mangum, S., Thompson, J., & Ramsdell, K. (2016, April). Compassionate care as a professional competency within occupational therapy practice. American Occupational Therapy Association Annual Conference, Chicago, IL.
- Doucet, B. M., Mettler J. A, Watford M. (2013, April). Effects of a dynamic progressive orthotic intervention for chronic hemiplegia: A case series. University of Texas Medical Branch Institute of Translational Sciences Poster Forum.
- Durham, W, Doucet, B. M., J. Mettler, S. Casperson, D. Gore, G. White, C. Danesi, K. Randolph, A. Horstman, M. Sheffield-Moore. (2011, November). Sildenafil reduces skeletal muscle fatigability. University of Texas Medical Branch (UTMB) Forum on Aging.

- Mettler J. A., English K. L., Doucet B. M., M.M. Mamerow, C. Mathers, J. M. Pattarini, J. Ellison, J. McGaugh, E. Volpi, D. Paddon-Jones. (2011, November). Muscular endurance and neuromuscular function following 14 days of bed rest in middle -aged adults. University of Texas Medical Branch (UTMB) Forum on Aging.
- Doucet, B.M. (2010, May). A neuromechanical intervention for motor recovery in chronic stroke. Annual K12 Meeting, Galveston, TX.
- Doucet, B. M., & Griffin, L. (2008, February). Doublet stimulation maximizes force output in young and older thenar muscle. American Heart Association International Stroke Conference, New Orleans, LA.
- Doucet B.M., & Griffin L. (2007, February). Variable patterns of electrical stimulation for upper extremity rehabilitation. American Heart Association International Stroke Conference, San Diego, CA.
- Doucet, B. M., English, K., Utsey, C., Protas, E., Ostir, G., and Paddon-Jones, D. (2007, November). Neuromuscular electrical stimulation and nutritional support during acute hospitalization and inactivity in elders. University of Texas Medical Branch (UTMB) Forum on Aging.
- Doucet, B. M., Griffin, L., Ivanova, T, Mettler, J. (2007, November). Variable frequency stimulation in healthy and post-stroke populations. Society for Neuroscience, Abstract 511.3.
- Doucet, B. M. and Griffin, L. (2007, April). Increasing stimulation frequency prolongs force output in healthy thenar muscle. American College of Sports Medicine Conference, New Orleans, LA.
- Doucet, B. M. & Griffin, L. (2006, February). Low-frequency neuromuscular electrical stimulation improves motor control of the hand in chronic post-stroke individuals. American Heart Association International Stroke Conference, Kissimmee, FL.
- Doucet, B. M. and Griffin, L. (2004, November). Difficulty during release phase of force-accuracy tasks: after peak reverberation. Society for Neuroscience, San Diego, CA.
- Doucet, B. M. & Magill, R. A. (2002, February). Motor relearning following CVA: A comparison of implicit and explicit learning strategies. American Heart Association International Stroke Conference, New Orleans, LA.

Awards, Prizes, Lectureships

- 2016: Texas Woman's University Fanny Vanderkooi Lecturer
 2015: The University of Texas Medical Branch Occupational Therapy Senior Mentor/Lecturer
 2015: The LSUHSC Dr. Allen A. Copping Award for Excellence in Teaching
 2012: UTMB Academy of Health Science Educators Innovative Educational Project Award

2009: UTMB President's Cabinet Award, The Free Post-Stroke Clinic
 2005: The University of Texas Continuing Graduate Fellowship
 2003: The University of Texas Lynn Wade McCraw Long Fellowship
 1997: Louisiana State University Health Science Center (LSUHSC) Chancellor's Award for Outstanding Graduate Student

Contributions to Juried or Refereed Publications

Journal Editorial Board

2010- 2016 Associate Editor, *American Journal of Occupational Therapy*

Manuscript Reviewer

2010 - present *American Journal of Occupational Therapy*

2015 - present *Occupational Therapy Journal of Research*

Grants and Contracts Funded

The Christopher & Dana Reeve Foundation Doucet (PI) 3/2016-3/2017
 Quality of Life Grant Program
 Title: "The LSUHSC Free Post-Stroke Clinic"
 Amount: \$12,000
 Role: PI

LSUHSC-NO Academy for the Advancement Alig (PI) 6/2015-6/2016
 of Educational Scholarship
 Educational Enhancement Grant
 Title: "Compassionate Care as a Professional Competency within Occupational Therapy Practice"
 Amount: \$6,900
 Role: Co-I

LSUHSC 2015 Dean's Intramural Grant Award Doucet (PI) 5/2015-5/2016
 Title: "Establishing Current Hand Strength Norms in Young Adults"
 Amount: \$8,020
 Role: PI

H133F120032 Doucet (PI) 10/2012-10/2013
 National Institute of Disability and Rehabilitation Research (NIDRR)
 Mary Switzer Individual Research Fellowship
 Title: "Improving Functional Participation in Persons with Chronic Stroke"
 Amount: \$65,000
 Role: PI

UTMB Center for Rehabilitation Sciences Doucet (PI) 10/2012-7/2013
 Seed Grant

Title: "Improving Functional Participation in Persons with Chronic Stroke"
Amount: \$25,000
Role: PI

High Point Pharmaceuticals Paddon-Jones (PI) 9/2012-6/2013
Phase I Clinical Drug Trial
Title: "A Phase I Randomized Clinical Trial to Evaluate the Safety and Tolerability of Treatment with HPP593 Capsules in Healthy Male Volunteers During and After Limb Immobilization"
Amount: Unavailable
Role: Co-I/Project Coordinator

National Institutes of Health Ottenbacher (PI) 9/2008-8/2013
1K12 HD0055929-01
Rehabilitation Research Career Development Program
Eunice Kennedy Shriver National Institute for Child Health and Human Development (NICHD)

National Center for Medical and Rehabilitation Research
Amount: \$585,000
Role: Scholar

UTMB Sealy Center on Aging Doucet (PI) 8/2008-8/2010
Claude D. Pepper Older Americans Center
Pilot Program Grant
Title: "Electrical Stimulation and Nutritional Support in Hospitalized Elders"
Amount: \$35,000
Role: PI

UTMB Center for Rehabilitation Sciences Doucet (PI) 3/2010-7/2011
Seed Grant
Title: "Neuromuscular Electrical Stimulation (NMES) for Upper Extremity Motor Recovery Following Brain Injury and Stroke"
Amount: \$25,000
Role: PI

Moody Endowment of Galveston Doucet (PI) 9/2009-1/2012
Title: "A Chronic Stroke Recovery Program for Residents of Skilled Nursing Facilities"
Amount: \$98,000
Role: PI

UTMB President's Cabinet Award Doucet (PI) 9/2009-11/2010
Title: "UTMB Post-Stroke Clinic"
Amount: \$38,000
Role: PI

LSUHSC, New Orleans, LA. Solomonow (PI) 7/1999-1/2000
Louisiana State University Board of Regents Health Excellence Fund

Title: "Effects of environmental modification on carpal tunnel syndrome."

Amount: Unavailable

Role: Sub-project Coordinator

Grants Submitted

NIH R01

Mettler (PI)

1/2017-1/2022

National Institute of Aging

Title: Functional Adaptations to Neuromuscular Electrical Stimulation in Older Adults

Amount: \$1,500,000

Role: Co-I

Major Areas of Research Interest

- Promotion of health and neurological recovery to achieve functional performance in daily activities;
- Investigation of methods and interventions that facilitate upper extremity motor control needed for daily tasks following stroke;
- Examination of motor recovery processes and response of muscle when neuromuscular electrical stimulation (NMES) is applied and how NMES might be used as an effective adjunctive method to remediate motor deficits in the upper extremity after stroke;
- Analysis of muscle function through electromyography (EMG);
- Evaluation of currently used therapy methods and modalities for effectiveness in remediating motor deficits following stroke, aging, or other pathology;
- Evaluation and exploration of teaching methods to maximize student learning in allied health programs.

Teaching Experience

Courses Taught (2014-2016)

LSUHSC School of Allied Health, Department of Occupational Therapy, New Orleans, LA,

Master of Occupational Therapy Program

OCCT 6410 Concepts of Occupation

OCCT 6524 Applied Kinesiology

OCCT 6520 Principles of Practice I

OCCT 6523 Human Physiology

OCCT 6620 Principles of Practice II

OCCT 6650 Research I

OCCT 6750 Research II

OCCT 6850 Research III

Courses Taught (2010-2013)

UTMB School of Health Professions, Center for Rehabilitation Sciences, Galveston, TX, Doctor of Rehabilitation Research Program (Assistant Professor)

PHS 6011: Research Rotation, Community Health
PHS 6097: Proposal Research

Courses Taught (2007-2010)

UTMB School of Health Professions, Department of Occupational Therapy, Galveston, TX,
Master of Occupational Therapy Program (Assistant Professor)

OCCT 6100: Scholarly Project
OCCT 6221: Domain: Personal Performance
OCCT 6301: Enabling Capacity for Occupational Performance
OCCT 6400: Enabling Occupational Engagement
OCCT 6410: Occupational Therapy Interventions & Adaptations
OCCT 5101: Basic Enabling Skills I
OCCT 5102: Basic Enabling Skills
OCCT 5207: Contextual Ways of Being
OCCT 5222: Musculoskeletal Lab
OCCT 5223: Musculoskeletal Practice
OCCT 6231: Selective I

Courses Taught (2003-2007)

The University of Texas at Austin, Austin, TX, Department of Kinesiology, Human Movement
Sciences, Bachelor of Kinesiology Program (Instructor)

KIN 635: Motor Control
KIN 636: Motor Learning

Courses Taught (1997-2010)

LSUHSC, School of Allied Health, Department of Occupational Therapy, New Orleans, LA,
Bachelor of Occupational Therapy Program (Assistant Professor of Clinical Occupational
Therapy)

OCCT 6530: Introduction to Occupational Therapy
OCCT 6520: Physical Dysfunction I
OCCT 6720: Physical Dysfunction II
OCCT 6716: Management in Occupational Therapy
OCCT 6730: Therapeutic Media and Methods I

Thesis and Dissertation Projects

Watford, M. (2013-2016). Return to employment issues in traumatic brain injured individuals.
UTMB Center for Rehabilitation Sciences, Rehabilitation Research PhD Candidate. (Advisor)

Magee, D. (2016). The effects of high-frequency versus low-frequency neuromuscular electrical stimulation on anabolic signaling in human skeletal muscle. Texas State University, Health & Human Performance Program, Kinesiology Masters Candidate. (Thesis Committee Member).

Directed Student Research

Knapp, J., Pierce, S., & Knapp, J. (2016-2017). *Establishing current hand strength norms in young adults*. Master of Occupational Therapy Program, Class of 2017, Department of Occupational Therapy, LSUHSC, New Orleans. (Capstone advisor).

Furst, L., Geisler, M., Hughes, K., Moser, A., & Toepfer, J. (2016-2017). *Quality of life and function in persons with ALS*. Master of Occupational Therapy Program, Class of 2017, Department of Occupational Therapy, LSUHSC, New Orleans. (Capstone advisor).

Billingsley, K., Vedros-Rowan, J., & Wolff, K. (2015-2016). *Establishing current hand strength norms in young adults*. Master of Occupational Therapy Program, Class of 2016, Department of Occupational Therapy, LSUHSC, New Orleans. (Capstone advisor).

Collins, J., Gagnard, A., McKay, S. & Nichols, C. (2015-2016). *Executive function assessment in persons with TBI*. Master of Occupational Therapy Program, Class of 2016, Department of Occupational Therapy, LSUHSC, New Orleans. (Capstone advisor).

Allen, M., Allen, S., Brogdon, J., Estess, J., Myers, K., & Waller, D. (2014-2015). *Development of a dementia caregiver decision tree*. Master of Occupational Therapy Program, Class of 2015, Department of Occupational Therapy, LSUHSC, New Orleans. (Capstone advisor).

Borchardt, A., Cooper, K., Porter, J., Russo, R., & Tibaldo, K. (2014-2015). *Development of an amputee support group for veterans*. Master of Occupational Therapy Program, Class of 2015, Department of Occupational Therapy, LSUHSC, New Orleans. (Capstone advisor).

Mayerik, S. (2011-2012). *Assessment of pharmaceutical interventions contributing to falls in skilled nursing*. Sealy Center for Aging Internship, University of Northwest Ohio medical student, University of Texas Medical Branch at Galveston. (Advisor and co-investigator).

Watford, M. (2010-2013). *A neuromechanical intervention to facilitate upper extremity function in chronic stroke*. Department of Rehabilitation Sciences PhD Candidate, University of Texas Medical Branch at Galveston. (Advisor).

English, K. (2008-2010). *Enhancing muscle performance with nutritional supplementation*, Department of Rehabilitation Sciences PhD Candidate, University of Texas Medical Branch at Galveston. (Advisor and co-investigator).

Mettler, J. (2008-2013). *Examining the effects of nutritional supplementation and inactivity on lower extremity muscle function*. Department of Rehabilitation Sciences Post-Doctoral Fellow, University of Texas Medical Branch at Galveston. (Advisor and co-investigator).

Professional Organization Service

2010-present United States Veterans Administration Rehabilitation Research & Development Study Section, Grant Reviewer
2015-present *Topics in Stroke Rehabilitation*, Manuscript Reviewer
2010-2013 Operation Backbone, Advisory Committee Member
2009-present *American Journal of Occupational Therapy*, Manuscript Reviewer
2002-2007 The American Heart Association's International Stroke Conference, Planning Sub-Committee of Nursing and Rehabilitation Professionals Member
1994-1996 Louisiana Occupational Therapy Association, President
1992-1994 Louisiana Occupational Therapy Association, Vice-President
1990-1991 Louisiana Occupational Therapy Association, Education Chair

Academic Service

University

2016-present LSUHSC, Advisory Committee Representative to St. Charles Parish Schools
2015-present LSUHSC, Academy for the Advancement of Educational Scholarship (AAES) Faculty Development Committee, Chair
2015-present LSUHSC, Academy for the Advancement of Educational Scholarship (AAES) Executive Council
2009-2010 UTMB Senate Subcommittee, Academic Administrative Affairs Subcommittee
2009-2010 UTMB Faculty Senator, School of Health Professions Representative

School

2014-present LSUHSC, School of Allied Health Grants & Research Committee
2014-2015 LSUHSC, School of Allied Health Clinical Practice Committee
2014-2015 LSUHSC, School of Allied Health Alumni Affairs Committee
2012-2013 UTMB School of Allied Health Professions, Appeals/Grievance Committee

Department

2014-present LSUHSC, School of Allied Health, OT Department Admissions Committee Chair
2009-2011 UTMB Department of OT, Research Committee Chair
2009-2010 UTMB Department of OT, Admissions Committee

Public/Community Service

2017-2019 Pastoral Council Member – St. Anthony of Padua Catholic Church
2015-2016 *Lector* - St. Anthony of Padua Catholic Church

2013-2014 *Lector* - Holy Rosary Catholic Church
2014-present *Visiting Partner* - Visiting Pet Program