



CURRICULUM VITAE

Amanda K. Giles, OTD, OTR/L

Associate Professor | Division of Occupational Therapy

College of Health Professions (CHP) | Medical University of South Carolina (MUSC)

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EDUCATION

Doctor of Occupational Therapy, 2014

University of St. Augustine, St. Augustine, FL

Master of Science in Rehabilitation Science: Occupational Therapy, 2003

Medical University of South Carolina, Charleston, SC

Bachelor of Arts in Psychology, 1999

Furman University, Greenville, SC

ACADEMIC PROFESSIONAL EXPERIENCE

Associate Professor, Division of Occupational Therapy, College of Health Professions, 2020-present

Medical University of South Carolina, Charleston, SC

Assistant Professor, Division of Occupational Therapy, College of Health Professions, 2016-2020

Medical University of South Carolina, Charleston, SC

Instructor, Division of Occupational Therapy, College of Health Professions, 2014-2016

Medical University of South Carolina, Charleston, SC

Full-time Adjunct Instructor, Division of Occupational Therapy, College of Health Professions, 2012-2014

Medical University of South Carolina, Charleston, SC

Adjunct Instructor, Division of Occupational Therapy, College of Health Professions, 2007-2012

Medical University of South Carolina, Charleston, SC

Supplemental Instructor in neuroscience and pathophysiology courses, 2001-2002

MUSC Center for Academic Excellence, Charleston, SC

Research Interests: Curriculum design and instructional technology, including simulated patient encounters, reflective video analysis, e-learning mobile applications, student-run free clinics

Courses taught: Occupational Performance for Neurological Conditions I, Occupational Performance for Neurological Conditions I Lab, Occupational Performance for Neurological Conditions II (Neurorehabilitation II), Occupational Performance for Neurological Conditions II Lab (Neurorehabilitation II Lab), Occupational Performance for Musculoskeletal Conditions I Lab; Occupational Performance for Musculoskeletal Conditions II Lab, Surface Anatomy, Occupational Performance: Geriatrics, and Theoretical Foundations for Occupational Therapy, Independent Study, Research/Scholarship Experience I and II, Scholarship I, Scholarship II, Transforming Healthcare (interprofessional), Synthesis and Application of Clinical Skills, Interprofessional

Educational Technology, Occupational Performance for Neurological Conditions III (Neurorehabilitation III), Occupational Performance for Neurological Conditions III Lab (Neurorehabilitation III Lab); Academic Teaching Skills; Advanced Instructional Design

NON-ACADEMIC PROFESSIONAL EXPERIENCE

Owner, App Developer, Instructional Design Consultant, 2014-present
RehabLearning, LLC, Mount Pleasant, SC

Occupational Therapist in acute care, 2003-2013
Medical University Hospital Authority, Charleston, SC

Occupational Therapist in inpatient rehabilitation, 2003
Health South of Charleston, Charleston, SC

Life Enrichment Therapist for memory impairment, 2000-2002
Alterra Clare Bridge Assisted Living Facility, Mount Pleasant, SC

Rehabilitative Psychosocial Therapist in outpatient rehabilitation, 1999-2000
Greenville Mental Health Center, Greenville, SC

Mental Health Technician in inpatient rehabilitation, 1998
Charter Health System, Savannah, GA

HONORS, AWARDS, AND NOMINATIONS

National

American Occupational Therapy Association Fellow Award, April 2021
American Occupational Therapy Association Emerging and Innovative Practice Award, April 2019
AOTA Young Scientist Theater Poster Highlight, AOTA Conference, April 2019
AOTA Conference Research Poster Highlight, 2017

University

MUSC Teaching Excellence Award Nomination: Educator-Lecturer, 2021
MUSC Values in Action Award Nomination, October 2019
MUSC Innovator of the Year Award, July 2019
MUSC I am an MUSC Innovator Award, April 2019
MUSC Shark Tank, 1st place Education, April 2019
MUSC Student Research Day Clin/Prof/Masters - Social Behavior, 1st place (Mentor), Nov 2018
National Academy of Inventors, MUSC Chapter, 2017
MUSC Student Research Day John Vournakis Innovation Award, 2nd place (Mentor), 2016
MUSC Teaching Excellence Award Nomination: Developing Teacher, 2016
MUSC Teaching Excellence Award Nomination: Developing Teacher, 2014
MUSC Teaching Excellence Award Nomination: Educator-Lecturer, 2011

College

CHP Teacher of the Year, Dec 2017
CHP Teacher of the Year Nomination, 2016
CHP Teacher of the Year Nomination, 2015

CHP Teacher of the Year Nomination, 2014
Pi Theta Epsilon Honor Society Ceremony (MUSC Chapter), Keynote Speaker, 2014
MUSC OT Graduation Ceremony, Keynote Speaker, 2014
Pi Theta Epsilon Honor Society Ceremony (MUSC Chapter), Keynote Speaker, 2010
CHP Teacher of the Year Nomination, 2010
CHP Dean's Honor List, 2000-2003
Pi Theta Epsilon Honor Society: Co-President, MUSC Chapter, 2001

VOLUNTEER SERVICE

National

AOTA Commission on Education Curriculum Committee, *Chair*, 2019-**Present**
AOTA Scholarship of Teaching and Learning Institute and Mentoring Program, Leadership Team, 2017-**Present**
American Journal of Occupational Therapy, Reviewer, 2020
Journal of Occupational Therapy Education, Reviewer, 2018-2020
AOTA Annual Conference Reviewer, 2017

University

MUSC Innovation Day Planning Committee, 2019, 2020
MUSC Honor Council, Faculty Representative, 2018
MUSC South Carolina Conference on Innovations in Teaching and Learning Committee, 2018-2019
MUSC Healthcare Simulation Center Steering Committee, 2017-2019
MUSC Yes Campaign Committee, CHP Co-Representative, 2017
MUSC Healthcare Simulation Center Utilization Review Committee, 2016
MUSC Inaugural South Carolina Conference on Innovations in Teaching and Learning Committee, 2016-2017

College

CHP Faculty Assembly, Curriculum Committee, 2020-**Present**
OT Program Schedule Coordinator (Summer, Fall, Spring Semesters), 2015-**Present**
Pro Bono Honor Society OT Coordinator, 2017-**Present**
MUSC CARES Student-Run Free Therapy Clinic, Faculty Advisor for Operations Committee, Spring 2015-**Present**
MUSC CARES Student-Run Free Therapy Clinic, OT Faculty Advisor, 2012-**Present**
OT Pinning Ceremony Coordinator, 2017- **Present**
Speech-Language Pathology (Neuro) Faculty Search, Chair, Feb 2020-present
Innovative online lab workgroup, Spring 2020
CHP Student Appeals Committee, Chair, Fall 2019
CHP Faculty Council, Development & Assessment of Teaching Effectiveness (DATE) Chair, 2019-2020
MUSC CARES Student-Run Free Therapy Clinic, Faculty Advisor for Clinician Schedulers, Spring 2015- Fall 2019
CHP Online/Hybrid Learning Strategic Planning Committee, Spring 2019
CHP Student Appeals Committee, Chair, Fall 2018 (2 cases)
MUSC Exhibit Table Committee, AOTA Education Summit, Chair, 2018
CHP Honor Council, Faculty Advisor, 2014-2018
CHP Faculty Council, Awards Committee Chair, 2018-2019
CHP Student Appeals Committee, Summer 2018
MUSC Expo Table Committee, AOTA Annual Conference, Chair, 2018
OT Faculty Search, Chair, 2018
CHP Development and Assessment of Teaching Effectiveness (DATE), Evaluator, 2018
CHP Educational Technology Advisory Group, 2018

MUSC Entry-Level OTD Accreditation Preparation, 2017
 CHP Space Planning Committee, 2017
 MUSC CARES Therapy Logo Brand Approval Task Force, 2017
 MUSC CARES Therapy Clinician Mentorship Program Development Task Force, 2017
 CHP Faculty Council, Development & Assessment of Teaching Effectiveness (DATE) Chair, 2017-2018
 CHP Instructional Design Book Club—*What the Best College Teacher Do*, Co-Coordinator, 2016
 CHP Faculty Practice Task Force , 2016
 CHP Faculty Assembly Board, DATE Co-Chair, 2016-2017
 CHP Information Architecture Task Force (web design), 2016
 CHP Educational Strategic Plan Task Force, 2016
 CHP Educational Technology Task Force, 2016
 CHP Instructional Design Book Club—*How Learning Works*, Co-Coordinator, 2016
 CHP Development and Assessment of Teaching Effectiveness (DATE), Evaluator, 2016
 CHP Educational Technology Journal Club, Co-Coordinator, 2015
 CHP Strategic Plan Workgroup: Focus on educational opportunities, 2015-2016
 CHP Simulation Task Force, 2015
 MUSC Entry-Level Master of Science in Rehabilitation Science, OT Accreditation Preparation, 2013
 CHP Space Utilization Task Force, 2013-2014
 CHP Faculty Practice Task Force , 2013-2014
 CHP Alumni Association Board, Ambassador for Occupational Therapy, 2004-2006

PROFESSIONAL AFFILIATIONS

American Occupational Therapy Association (Member #4187072)
 South Carolina Occupational Therapy Association

CERTIFICATION AND LICENSURE

National Board Certification in Occupational Therapy (#1066873)	2003
South Carolina State Licensure in Occupational Therapy (#2791)	2003
Certification for Functional Independence Measure	2003
Certificate of Gerontology	2002

MAJOR SHORT-TERM COURSES

AOTA Education Summit, virtual	2020
International Society for the Scholarship of Teaching and Learning Conf., Atlanta, GA	2019
AOTA Education Summit, Las Vegas, NV	2019
AOTA Annual Conference and Exposition, New Orleans, LA	2019
MUSC Women Scholars Initiative Career Development Program, Charleston, SC	2019
AOTA Education Summit, Louisville, KY	2018
Online Learning Consortium Workshop (Neuro, Cognitive, & Learning Sciences, Part 1)	2018
AOTA Annual Conference and Exposition, Salt Lake City, UT	2018
AOTA Education Summit, Fort Worth, TX	2017
Collaborating Across Borders VI, Banff, Alberta, Canada	2017
AOTA Annual Conference and Exposition, Philadelphia, PA	2017
AOTA Annual Conference and Exposition, Chicago, IL	2016

MUSC Career Development Workshop (2-day), Charleston, SC	2016
AOTA Education Summit, Denver, CO	2015
AOTA Annual Conference and Exposition, Nashville, TN	2015
Association of Schools for Allied Health Professionals Annual Conference, Las Vegas, NV	2014
AOTA Annual Conference and Exposition, Baltimore, MD	2014
AOTA Education Summit, Atlanta, GA	2013
MUSC Foundations in Teaching and Learning: A Series for Educators, Charleston, SC	2013
ACRM Cognitive Rehabilitation Training, Baltimore, MD	2013
AOTA Annual Conference and Exposition, Indianapolis, IN	2012
AOTA Annual Conference and Exposition, Philadelphia, PA	2011
MUSC Building Academic Teaching Skills, Charleston, SC	2010

GRANT FUNDING

Title: Dominion Energy Charitable Foundation Grant: CARES Therapy Student-Run Free Clinic Funds

Agency: Dominion Energy

Date: July 2019

Role: Co-PI

Amount: \$3500

Impact: Purchased supplies to serve underinsured patients at the CARES Therapy Clinic

Title: Interprofessional Educational Mobile Application: Manual Muscle Testing (MMT)

Agency: MUSC Shark Tank

Date: May 2019

Role: PI

Amount: \$15,000 (MUSC) and \$15,000 (DHP in kind)

Impact: Currently being used to create an interprofessional mobile application textbook on MMT to help students and faculty worldwide

Title: E-learning Innovations: Developing and integrating meaningful case study videos into mobile applications for the OT and PT curriculum

Agency: MUSC Department of Health Professions Interdivisional/Interdepartmental/Intercollege Seed Grant

Date: October 2017-October 2018

Role: PI

Amount: \$4945

Impact: Created case study videos for student/faculty use in the GONI and MOBI apps

Title: E-learning Innovations: An Interprofessional Mobile Application for Teaching Ambulatory Assistive Devices

Agency: MUSC Department of Health Professions Interdivisional/Interdepartmental/Intercollege Seed Grant

Date: July 2016 – July 2017

Role: PI

Amount: \$9,630

Impact: Created a new mobile app for OT and PT students to learn the use of crutches, canes, and walkers

Title: E-learning Innovations: Changing what's possible with a marketable mobile application

Agency: MUSC Changing What's Possible Through Innovation and Technology Grant

Date: June 2015 – June 2016

Role: PI

Amount: \$31,000

Impact: Created and marketed a new mobile app textbook to teach goniometry for OT and PT students worldwide

Title: E-learning Innovations: Changing what's possible with a marketable mobile application

Agency: MUSC College of Health Professions Department of Health Professions, Support Funds

Date: June 2015 – June 2016

Role: PI

Amount: \$8,000

Impact: Created images and videos on lower extremity goniometry for a new OT/PT mobile app textbook

Title: E-learning Innovations: Changing what's possible with a marketable mobile application

Agency: MUSC Technology Applications Center for Healthful Lifestyles (TACHL), Support Funds

Date: June 2015 – June 2016

Role: PI

Amount: \$10,000

Impact: Created a mobile app platform to build a new mobile app textbook for OT and PT students

Title: E-learning Innovations: Developing and evaluating the effectiveness of an interactive e-learning module

Agency: MUSC Department of Health Professions Interdivisional/Interdepartmental/Intercollege Seed Grant

Date: July 2014 – July 2015

Role: PI

Amount: \$5,450

Impact: Created images and videos on upper extremity goniometry for a new OT/PT online learning module

Title: Educational technology journal club

Agency: Valerie West Educational Technology Enhancement Fund

Date: 2014

Role: Co-investigator

Amount: \$2,125

Impact: Organized monthly meetings with interprofessional faculty to discuss evidenced-based teaching

Title: Evidence in education and practice (CREATOR) project

Agency: MUSC Department of Health Professions Interdivisional/Interdepartmental/Intercollege Seed Grant

Date: July 2014 – July 2015

Role: Co-investigator

Amount: \$6,000

Impact: Measured the student and community impact of the interprofessional CARES Therapy Clinic

TEXTBOOKS AND BOOK CHAPTERS

Giles, A. K. (2021). Chapter 15: Moving in the Environment. In *Early's Physical Dysfunction Practice Skills for the Occupational Therapy Assistant* (4th Ed). St. Louis, MO: Elsevier, Inc.

Giles, A. K., & Janes, W. (2020). Chapter 20: Educational technologies: Enhancing learning, engagement, and global connectedness. In *Occupational Therapy Education: Past, Present, and Future*. Thorofare, NJ: Slack, Inc.

Giles, A.K., & Seif, G. (2018). *GONI RehabLearning – Goniometry for Clinicians*. Mount Pleasant, SC: RehabLearning, LLC. Available from <https://itunes.apple.com/us/app/goni-rehablearning-goniometry-for-clinicians/id1166330548?mt=8> and https://play.google.com/store/apps/details?id=com.rehablearning.goni&hl=en_US

Giles, A. K., & Kraft, S. (2018). *MOBI – Mobility Aids*. Mount Pleasant, SC: RehabLearning, LLC. Available from <https://itunes.apple.com/us/app/mobi-mobility-aids/id1205309397?mt=8> and <https://play.google.com/store/apps/details?id=com.goodbarber.testgi>

PEER-REVIEWED JOURNALS

Grattan, E., & **Giles, A. K. (2021).** Collaborating with a transitional care unit to provide student hands on time: A win-win for hospital and academic institution. *Journal of Occupational Therapy Education*, 5(1), 1-13.

Giles, A. K., Annan, D., Gober, A., & Greene, L. (2018). E-Learning innovations: Implementation of video in an occupational therapy classroom. *Journal of Occupational Therapy Education*, 2(1), 1-13. Retrieved from <https://encompass.eku.edu/jote/vol2/iss1/3>.

Giles, A. K., Carson, N. E., Breland, H. L., Coker-bolt, P., & Bowman, P. J. (2014). Use of simulated patients and reflective video analysis to assess occupational therapy students' preparedness for fieldwork. *American Journal of Occupational Therapy*, 68, S57-S66. doi:10.5014/ajot.2014.685S03

PEER-REVIEWED PRESENTATIONS

Giles, A. K. (Recorded for 2021, April 9). *Bridging the gap: A model comprehensive exam for transitioning from classroom to fieldwork* [short course]. American Occupational Therapy Association Annual Conference, virtual.

Giles, A. K., Shirk, E., & Hawkins, T. (Recorded for 2021, April 9). *Neurogenic bladder function: Evidence-based practices for occupational therapy* [short course]. American Occupational Therapy Association Annual Conference, virtual.

George-Paschal, **Giles, A.**, Piernik-Yoder, B., Pitonyak, J., & Taff, S. (2020, March 26-29). *Scholarship of teaching and learning pre-conference institute* [6-hour pre-conference institute]. American Occupational Therapy Association Annual Conference, Boston, MA. (Conference canceled)

Giles, A. K., Shirk, E., & Hawkins, T. (2020, March 26-29). *Neurogenic bowel and bladder function: Evidence-based practices for occupational therapy* [short course]. American Occupational Therapy Association Annual Conference, Boston, MA. (Conference canceled; resubmitted for 2021).

Giles, A. K. (2020, March 26-29). *Bridging the gap: A model comprehensive exam for transitioning from classroom to fieldwork* [poster]. American Occupational Therapy Association Annual Conference, Boston, MA. (Conference canceled; resubmitted for 2021).

Giles, A. K., Coker-Bolt, P., Marik, T., Velozo, C., & Nash, C. (2020, March 26-29). *Supporting collaboration through the development of an information database on student-run free occupational therapy*

clinics. Poster to be presented at the American Occupational Therapy Association Annual Conference, Boston, MA. (Conference canceled)

- George-Paschal, L., B., Pitonyak, J., B., Piernik-Yoder, **Giles, A. K.**, & Taff, S. (2019, October). *Outcomes of a National Scholarship of Teaching and Learning Institute and Mentoring Program for OT and OTA faculty*. Paper presented at the American Occupational Therapy Association Education Summit, Las Vegas, NV.
- Giles, A. K.**, Bolton, T., Cleary, D., Gray, J. M., Hartmann, K., Patnaude, M. E., & Qualls, K. (2019, October). *Designing a successful occupational therapy curriculum: Key ingredients and necessary resources*. Round table discussion presented at the American Occupational Therapy Association Education Summit, Las Vegas, NV.
- Giles, A.**, Lebov, M., McLamb, S., Harrison, E., Coker-bolt, P. Kraft, S., Marik, T., Seif, G., Velozo, C., Wager, K. (2019, October). *Community-based experiential learning: Using an interprofessional student-run free clinic to enhance student collaboration and critical thinking*. Paper presented at the Association of Schools of Allied Health Professions Annual Conference, Charleston, SC.
- Giles, A.**, Nash, C., Davis, S., Nettle, M., Bendre, S., Robertson, J., Wager, K., Coker-Bolt, P., Marik, T., Velozo, C., Kraft, S., & Seif, G. (2019, October). *Tracking the rising trend of pro-bono clinics in health professions*. Paper presented at the Association of Schools of Allied Health Professions Annual Conference, Charleston, SC.
- Giles, A. K.**, George-Paschal, L., James, A. B., Piernik-Yoder, B., Pitonyak, J., & Taff, S. (2019, October). *National scholarship of teaching and learning institute and mentoring program: Lessons and outcomes*. Paper presented at the International Society for the Scholarship of Teaching and Learning Conference, Atlanta, GA.
- Giles, A. K.** (2019, October). *Breaking boundaries of traditional textbooks via mobile apps: Student perceptions before and after exposure*. Paper presented at the International Society for the Scholarship of Teaching and Learning Conference, Atlanta, GA.
- Giles, A. K.**, & Grattan, E. (2019, October). *Crossing the border between classroom and clinic: Linking student hands-on time with free patient care*. Paper presented at the International Society for the Scholarship of Teaching and Learning Conference, Atlanta, GA.
- Giles, A. K.** (2019, July). *Textbooks: There's an app for that! (but how do students feel about it?)*. Paper presented at the South Carolina Conference for Innovations in Teaching and Learning, Charleston, SC.
- Giles, A. K.**, & Weisser-Pike, O. (2019, April 19-22). *Changing attitudes towards technology: A multi-institutional study on student perceptions of mobile apps replacing textbooks before and after app use*. Poster presented at the American Occupational Therapy Association Annual Conference, New Orleans, LA.
*Selected for the AOTA Young Scientist Theater involving oral presentation.
- George-Paschal, L., Bilics, A., **Giles, A.**, James, A., Piernik-Yoder, B., Pitonyak, J., & Taff, S. (2019, April 19-22). *Scholarship of teaching and learning pre-conference institute*. 6-hour workshop presented at the American Occupational Therapy Association Annual Conference, New Orleans, LA.

- Mitchell, S., Fletcher, C., Hazel, K., & **Giles, A.** (2019, February). *Textbooks: There's an app for that!* Poster presented at the South Carolina Occupational Therapy Association Annual Conference, North Charleston, SC.
- Smith, J., Knowles, K., Leaphart, R., Locklear, R., & **Giles, A.** (2019, February). *Standardizing gait pattern terminology for use in an interprofessional mobile application.* Poster presented at the South Carolina Occupational Therapy Association Annual Conference, North Charleston, SC.
- Giles, A. K.,** & Sweetman, M. (2018, October). *Professional development for occupational therapy faculty.* Short course presented at the American Occupational Therapy Association Education Summit, Louisville, KY.
- Bell, C., **Giles, A. K.,** Hayden C., & Higgins, S. (2018, April). *(SIS) AESIS Annual Program - Beyond clickers and flipped classrooms: Innovative technology in occupational therapy Education.* Short course presented at the American Occupational Therapy Association Annual Conference, Salt Lake City, UT.
- Giles, A. K.** (2018, April). *Should mobile applications replace textbooks in the occupational therapy classroom?* Short course presented at the American Occupational Therapy Association Annual Conference, Salt Lake City, UT.
- Giles, A. K.,** & Davis, J. (2018, April). *Teaching the Occupational Therapy Practice Framework using Meaningful Patient Videos.* Poster presented at the American Occupational Therapy Association Annual Conference, Salt Lake City, UT.
- Giles, A. K.,** & Grattan, E. (2018, April). *Collaborating with a transitional care unit to provide student hands-on time in long-term acute care: A win-win for hospital and academic institution.* Poster presented at the American Occupational Therapy Association Annual Conference, Salt Lake City, UT.
- Jansen, A., Kraft S., Seif G., **Giles A.,** Coker-Bolt, P., & Wager K. (2018, March). *Patient satisfaction in CARES: A pro bono clinic.* Poster presented at the Probono Network Conference, Chester, PA.
- Roettger, G., Semones, A., Kraft, S., Seif, G., **Giles, A.,** Coker-Bolt, P., & Wager, K. (2018, March). *Integrating College of Medicine students in a therapy pro bono clinic increases their understanding of neurological rehabilitation.* Poster presented at the Probono Network Conference, Chester, PA.
- Sargeant, M., Kraft, S., Seif, G., Wager, K., Coker-Bolt, P., & **Giles, A.** (March 2018). *The financial impact of a student-run free clinic in a state without Medicaid expansion.* Poster presented at the Probono Network Conference, Chester, PA.
- Giles, A. K.,** & Carson, N. (2017, October). *Centennial to Bicentennial: OT education through the lens of the Slagle lectures.* Short course presented at the American Occupational Therapy Association Education Summit, Fort Worth, TX.
- Giles, A. K.** (2017, October). *Student perceptions of a new mobile application in a flipped lab.* Short course presented at the American Occupational Therapy Association Education Summit, Fort Worth, TX.
- Coker-Bolt, P., & **Giles, A. K.,** Seif, G., Kraft, S., & Velozo, C. (2017, October). *How to start and sustain a successful interprofessional student-run free clinic: Linking the classroom to clinical practice.* Short course presented at the Collaborating Across Borders Conference, Banff, Alberta, Canada.

- Pape, S., **Giles, A. K.**, Coker-Bolt, P., Tom, L., Mathis, K., Illges, A. L., & Baxley, A. (2017, April). *How to start a successful student-run free clinic: A multi-institutional panel*. Short course presented at the American Occupational Therapy Association Annual Conference, Philadelphia, PA.
- Giles, A. K.**, & Davis, J. (2017, March). *Flip the classroom: Engage critical thinking with an innovative, evidence-based approach using meaningful patient videos*. Short course presented at the American Occupational Therapy Association Annual Conference, Philadelphia, PA.
- Giles, A. K.**, Kraft, S., & Henderson, R. (2017, March). *MOBI: An interprofessional mobile application for teaching use of ambulatory assistive devices*. Conference Research Highlight oral presentation and poster presentation presented at the American Occupational Therapy Association Annual Conference, Philadelphia, PA.
- Darms, M., Whitson, M., Kraft, S., Seif, G., **Giles, A.**, Coker-Bolt, P., Velozo, C. (2017, March). *Do we measure up? Systematic outcome measure collection in a student run clinic*. Paper presented at the Probono Network Conference, Chester, PA.
- Keller, C., Semones, A., Hanmer, E., Kraft, S., Seif, G., **Giles, A.**, Coker-Bolt, P., Velozo, C. (2017, March). *Integrating college of medicine students increases understanding of neurological rehabilitation*. Paper presented at the Probono Network Conference, Chester, PA.
- Giles, A. K.** (2017, February). *Review of goniometry and an introduction to the GONI app*. Short course presented at the South Carolina Occupational Therapy Association Annual Conference, Columbia, SC.
- Davidson, L., Shoemaker, K., Wisher, M., Kraft, S., Seif, G., **Giles, A.**, Velozo, C., Coker-Bolt, P. (2016, May). *Classroom to the clinic: The impact of a student-run free therapy clinic*. Poster presented at the South Carolina Chapter of Physical Therapy Annual Conference Poster Presentation, Charleston, SC.
- Stone, C., Karlesky, N., Huschart, J., Schneider, L., Kraft, S., Seif, G., Coker-Bolt, P., Velozo, C., **Giles, A.** (2016, May). *The doctor is in: Teaching a medical student the role of therapy*. Poster presented at the South Carolina Chapter of Physical Therapy Annual Conference, Charleston, SC.
- Yount, H., Wright, R., Hayden, G., Hunsucker, L., Maddrey, R., Kraft S., Seif, G., Coker-Bolt, P., **Giles, A.**, Velozo C. (2016, May). *HEP reminders: Texting the way to patient success*. Poster presented at the South Carolina Chapter of Physical Therapy Annual Conference, Charleston, SC.
- Giles, A. K.**, Coker-Bolt, P., Dahns, L., Pena, L., Fitzmaurice, C., Ludovise, R., Hope, K., Husband, M., Atkinson, S., & Velozo, C. (2016, April). *Student-run free clinic: An innovative service learning opportunity*. Poster presented at the American Occupational Therapy Association Annual Conference, Chicago, IL.
- Giles, A. K.**, Bowman, P., Crabtree, O., Lowe, K., Perry, J., Richardson, L., Stoughton, A., Walsh, J., & Atkinson, S. (2016, April). *Flipping the lab: Use of an Android/iOS mobile application*. Poster presented at the American Occupational Therapy Association Annual Conference, Chicago, IL.
- Giles, A. K.**, Carson, N., Annan-Coultas, D., Kazley, A., & Seif, G. (2015). *Implementation of an interprofessional journal club on educational technology*. Paper presented at the American Occupational Therapy Association Education Summit, Denver, CO.

- Giles, A. K.,** Annan-Coultas, D., Coultas, J., Seif, G., Bowman, P. J. (2015, April). *Flipping the OT and PT lab: Development of an e-learning module*. Paper presented at the American Occupational Therapy Association Annual Conference, Nashville, TN.
- Muntz-pope, B., Tomsic, P. F., Brawley, C. A., Futrell, N. A., & **Giles, A. K.** (2014). *Evaluating ThinkFirst Injury Prevention Programs using pre- and post-tests: Can we show changes in knowledge and behavior in school children?* Paper presented at the South Carolina Alliance for Health, Physical Education, Recreation, and Dance Annual Conference, Myrtle Beach, SC.
- Giles, A. K.,** Seif, G., Annan-Coultas, D., Coultas, J., Bowman, P. J. (2014, October). *Flipping the OT and PT lab: Development of an e-learning module*. Paper presented at the Association of Schools for Allied Health Professions Annual Conference, Las Vegas, NV.
- Giles, A. K.,** Bowman, P.J., Coker-Bolt, P., Carson, N. E., Breland, H. L. (2013, October). *Making it Real: Using Simulated Patients to Assess Students' Preparedness for Level II Fieldwork*. Paper presented at the American Occupational Therapy Association Education Summit, Atlanta, GA.
- Giles, A. K.,** Chera, B., Ramsey, R. B., Imam, S. Z., Ali, S. F. & Banik, N. L. (2002, November). *Progressive neurotoxic effect of MPTP in the cerebellum of C57BL/6N mice*. Poster presented at the Society for Neuroscience Annual Conference, Orlando, FL.
- Giles, A. K. &** Woodbury, M. (2002). *Effectiveness of an injury prevention program among elementary-school children*. Paper presented at the South Carolina Occupational Therapy Association Annual Conference, Columbia, SC.

NON-PEER-REVIEWED MAGAZINES

- Boyce, H., Cassilly, H, & **Giles, A. K.** (2017, Nov 13). Flipping the classroom using interactive mobile applications. *OT Practice*, 22(20), 16-17.

E-LEARNING PUBLICATIONS

- Giles, A. K.** (2020, August). Innovative lab assignments using ICE videos. *ICE Learning Center*. Port Townsend, WA: International Clinical Educators, Inc. Available from <https://www.icelearningcenter.com/faculty-toolkit/>
- Giles, A. K.** (2020, August). Improving student documentation skills using ICE videos. *ICE Learning Center*. Port Townsend, WA: International Clinical Educators, Inc. Available from <https://www.icelearningcenter.com/faculty-toolkit/>
- Giles, A. K.** (2016). Compensatory strategies. *ICE Learning Center*. Port Townsend, WA: International Clinical Educators, Inc. Available from <https://www.icelearningcenter.com/faculty-toolkit/>
- Giles, A. K.** (2016). Designing meaningful treatment plans. *ICE Learning Center*. Port Townsend, WA: International Clinical Educators, Inc. Available from <https://www.icelearningcenter.com/faculty-toolkit/>

- Giles, A. K.** (2016). Documenting levels of assist. *ICE Learning Center*. Port Townsend, WA: International Clinical Educators, Inc. Available from <https://www.icelearningcenter.com/faculty-toolkit/b>
- Giles, A. K.** (2016). Flipping the classroom. *ICE Learning Center*. Port Townsend, WA: International Clinical Educators, Inc. Available from <https://www.icelearningcenter.com/faculty-toolkit/>
- Giles, A. K.** (2016). Dealing with frustration. *ICE Learning Center*. Port Townsend, WA: International Clinical Educators, Inc. Available from <https://www.icelearningcenter.com/faculty-toolkit/>
- Giles, A. K.** (2016). Facilitating sit to stand. *ICE Learning Center*. Port Townsend, WA: International Clinical Educators, Inc. Available from <https://www.icelearningcenter.com/faculty-toolkit/>
- Giles, A. K.** (2016). Interview skills. *ICE Learning Center*. Port Townsend, WA: International Clinical Educators, Inc. Available from <https://www.icelearningcenter.com/faculty-toolkit/>
- Giles, A. K.** (2016). Respiratory issues in acute care. *ICE Learning Center*. Port Townsend, WA: International Clinical Educators, Inc. Available from <https://www.icelearningcenter.com/faculty-toolkit/>
- Giles, A. K.** (2016). Scar mobilization. *ICE Learning Center*. Port Townsend, WA: International Clinical Educators, Inc. Available from <https://www.icelearningcenter.com/faculty-toolkit/>
- Giles, A. K.** (2016). Streaming videos on the ICE Video Library. *ICE Learning Center*. Port Townsend, WA: International Clinical Educators, Inc. Available from <https://www.icelearningcenter.com/faculty-toolkit/>
- Giles, A. K.** (2016). Understanding the Occupational Therapy Practice Framework using the ICE Video Library. *ICE Learning Center*. Port Townsend, WA: International Clinical Educators, Inc. Available from <https://www.icelearningcenter.com/faculty-toolkit/>
- Giles, A. K.** (2016). Using the ICE Video Library in the classroom. *ICE Learning Center*. Port Townsend, WA: International Clinical Educators, Inc. Available from <https://www.icelearningcenter.com/faculty-toolkit/>

INVITED CONTINUING EDUCATION PRESENTATIONS

- Giles, A. K.** (2020, August 25). *Innovative lab assignments using ICE videos*. Virtual continuing education presentation for the International Clinical Educators Summer Series.
- Giles, A. K.** (2020, August). *Improving student documentation skills using ICE videos*. Virtual continuing education presentation (1 hour) for the International Clinical Educators Summer Series.
- Giles, A. K.** (2019, April). *Changing attitudes towards technology*. Poster presented at the South Carolina Occupational Therapy Association Lowcountry District Meeting, Charleston, SC.
- Giles, A. K., & Bartholdi, M.** (2018, June). *Upper extremity splinting applications*. Continuing education workshop (6 hours) for the South Carolina Area Health Education Center, Wadmalaw, SC.

Giles, A. K., & Bartholdi, M. (2017, December). *Upper extremity splinting applications*. Continuing education workshop (6 hours) for the South Carolina Area Health Education Center, Mount Pleasant, SC.

Giles, A. K., Seo, N., & Woodbury, M. (2017, July). *Advancing practice with innovative technology*. Continuing education seminar (1 hour) presented at the Medical University of South Carolina Maralynne D. Mitcham Inaugural Lectureship, Charleston, SC.

Bowman, P. B., & **Giles, A. K.** (2013, July). *Splinting and therapeutic taping for the upper extremity*. Continuing education seminar (6 hours) presented at the Medical University of South Carolina Maralynne D. Mitcham Inaugural Lectureship, Charleston, SC.

INVITED NATIONAL PRESENTATIONS

Giles, A. K., Bolton, T., Cleary, D., Gray, J. M., Hartmann, K., Patnaude, M. E., & Qualls, K. (2019, October). *Commission on Education curriculum update*. Presentation for the American Occupational Therapy Association Academic Leadership Council, Las Vegas, NV.

Giles, A. K., Bolton, T., Cleary, D., Gray, J. M., Hartmann, K., Patnaude, M. E., & Qualls, K. (2019, April). *Designing an occupational therapy curriculum faculty guide*. Presentation for the American Occupational Therapy Association Academic Leadership Council, New Orleans, LA

INVITED UNIVERSITY PRESENTATIONS

Seif, G., Ballister, M, **Giles, A.**, McNeal, P., Smith, C. (2020, April). *Innovative lab (and lecture) workgroup report*. Presentation for the MUSC CHP Faculty Assembly, Medical University of South Carolina, Charleston, SC.

Giles, A. K. (2019, October). *Simulation techniques*. Presentation for the MUSC Apple Tree Foundations in Teaching and Learning Series, Medical University of South Carolina, Charleston, SC.

Giles, A. K. (2019, May). *Innovations in instructional design: Making the acquisition of knowledge more effective, efficient, and appealing*. Presentation for the College of Health Professions Advancement Council, Medical University of South Carolina, Charleston, SC.

Giles, A. K. (2019, April). *Interprofessional educational mobile application: Manual muscle testing*. Presentation for the Medical University of South Carolina Innovation Summit, Charleston, SC.

Giles, A. K. (2019, April). *RehabLearning: Changing attitudes towards technology*. Presentation for the Medical University of South Carolina Startup Showcase, Charleston, SC.

Hortman, M., Walters, A., Wisnewski, C., Krywko, D., Blumer, J., Brennan, E., D'Alton, S., **Giles, A.**, Mukerghiee, R., Nichols, M., Posten, K., Shirley, D., & Vuthiganon, J. *Lightning Rounds of Effective Strategies for Student Engagement*. Presentation for the Medical University of South Carolina Innovation Week, Charleston, SC.

- Giles, A. K.** (2018, June). *Should mobile applications replace textbooks in the occupational therapy classroom?* Presentation for the College of Health Professions Faculty Assembly, Medical University of South Carolina, Charleston, SC.
- Giles, A. K.** (2018, April). *The role of occupational therapy in post-stroke rehabilitation.* Presentation for the College of Medicine, Medical University of South Carolina, Charleston, SC.
- Giles, A. K.** (2017, November). *Student perceptions of a new mobile app in a flipped lab.* Presentation for the College of Health Professions Alumni Board, Medical University of South Carolina, Charleston, SC.
- Giles, A. K.** (2017, April). *Current trends in post-stroke upper extremity rehabilitation.* Presentation for the College of Medicine, Medical University of South Carolina, Charleston, SC.
- Giles, A. K.** (2017, April). *Innovations in health professions education.* Presentation for the MUSC Board of Trustees, Medical University of South Carolina, Charleston, SC.
- Giles, A. K.** (2017, March). *Current trends in occupational therapy education.* Presentation for Discover MUSC, Medical University of South Carolina, Charleston, SC.
- Bowden, M., **Giles, A. K.**, Mauldin, M., & Smith, G. (2014, April). *Online education: The faculty perspective.* Presentation for the Faculty Senate Town Hall, Medical University of South Carolina, Charleston, SC.
- Annan-Coultas, D., Bowden, M., **Giles, A.K.**, Melancon, M., Moore, E., Mund, A., & Zoller, J. (2014, April). *Technology behind the distance.* Presentation for the College of Health Professions Faculty Assembly, Medical University of South Carolina, Charleston, SC.
- Giles, A. K.** (2006, October). *Functional independence measure.* Presentation for the Division of Occupational Therapy, College of Health Professions, Medical University of South Carolina, Charleston, SC.

STUDENT RESEARCH DAY PRESENTATIONS

- Lebov, M., Harrison, E., & McLamb, S., **Giles, A.**, Marik, T., Coker-Bolt, P., Kraft, S., Seif, G., Velozo, C., & Wager, K. (2019, November). *Community-based experiential learning: Using an interprofessional student-run free clinic to enhance student collaboration and critical thinking.* Poster presented at the Medical University of South Carolina Student Research Day, Charleston, SC.
- Nash, C., Davis, S., Harris, B., Nettle, M., Robertson, J., & Bendre, S., **Giles, A.**, Coker-Bolt, C., Marik, T., Velozo, C., Wager, K., Seif, G., & Kraft, S. (2019, November). *Student and faculty run pro bono clinic national data collection.* Poster presented at the Medical University of South Carolina Student Research Day, Charleston, SC.
- Mitchell, S., Fletcher, C., Hazel, K., & **Giles, A. K.** (2018, November). *Textbooks: There's an app for that!* Poster presented at the Medical University of South Carolina Student Research Day, Charleston, SC.

- Smith, J., Leaphart, R., Knowles, K., Locklear, R., Monsh, E., McGowen, S., Kraft, S., & **Giles, A.** (2018, November). *Standardizing gait pattern terminology for use in an interprofessional mobile application*. Poster presented at the Medical University of South Carolina Student Research Day, Charleston, SC.
- Boyce, H., Bensch, A., Cassilly, H., Jones, A., Kraft, S., Monsch, E., & **Giles, A.** (2017, November). *E-learning Innovation: An Interprofessional Mobile Application for Teaching Ambulatory Assistive Devices*. Poster presented at the Medical University of South Carolina Student Research Day, Charleston, SC.
- Ajamian, N., Hensley, E., Bowman, P., Seif, G., Patel, S., Coultas, J., & **Giles, A. K.** (2016, November). *Interdisciplinary development and application of a new mobile app: An innovative flipped lab approach*. Poster presented at the Medical University of South Carolina Student Research Day, Charleston, SC.
- Walsh J., Crabtree, O., Richardson, L., Perry, J., Lowe, K., Stoughton, S., Atkinson, S., **Giles, A.** (2015, November). *E-learning Innovations: Developing and evaluating the effectiveness of an interactive e-learning module*. Poster presented at the Medical University of South Carolina Student Research Day, Charleston, SC.
- Tomsic, P. F., Brawley, C. A., Futrell, N. A., Muntz-Pope, B., & **Giles, A. K.** (2014, November). *Effectiveness of ThinkFirst Injury Prevention Program in changing knowledge, attitudes, and behavior amongst middle school children*. Poster presented at the Medical University of South Carolina Student Research Day, Charleston, SC.
- Giles, A. K.**, Chera, B., Ramsey, R. B., Imam, S. Z., Ali, S. F. & Banik, N. L. (2002). *Progressive neurotoxic effect of MPTP in the cerebellum of C57BL/6N mice*. Poster session presented at the Medical University of South Carolina Student Research Day, Charleston, SC.
- McCollum, A., **Giles, A. K.**, Ridlehoover, E., Korybski, M., Gnau, C. & Woodbury, M. (2002). *Effectiveness of an injury prevention program among elementary-school children*. Poster presented at the Medical University of South Carolina Student Research Day, Charleston, SC.

STUDENT MENTORING ACTIVITIES

Doctoral-level projects

- Tomsic, P. (Summer/Fall/Spring 2020-2021). *Harnessing video technology to enhance clinical reasoning skills in occupational therapy students*.
- Propst, E. (Summer/Fall/Spring 2020-2021). *Using a progressive video case-series to improve occupational therapy students' preparation for following a case through the plan of care*.
- Flynn, D. (Summer/Fall/Spring 2020-2021). *Using yoga to increase hip mobility and core strength in individuals after spinal cord injury*.
- Abes, A. (Summer/Fall/Spring 2020-2021). *Creation of an Online Curriculum Development Resource Based Off of the Framework for Occupational Therapy Curriculum Design*

Bullock, B. (Summer/Fall/Spring 2020-2021). *How Does the Implementation of the Powerfully You Program Impact Self-Regulation Skills of Grade School Students?*

Lee, K. (Summer/Fall/Spring 2020-2021). *Examining the implementation and efficacy of Powerfully You, a social emotional learning curriculum, in a school specific for those with an Autism Diagnosis*

Lattro, K. (Summer/Fall/Spring 2020-2021). *Creation of a Faculty Manual for Integrating Mobile Applications into Innovative Learning Environments*

Masters-level projects

Ross, S. (Fall 2020). *Development and use of Quizlet as a classroom resource and study tool*

Fraboni, K. & Jones, C. (Summer/Fall 2020). *Critical review of upper extremity manual muscle testing app content*

Harris, B., McFadden, A., Campbell, C. (Summer/Fall 2019). *Critical review and development of manual muscle testing content for the scapula, elbow, and hand.*

Jessup, G. & Matthiessen, A. (2019). *Critical review and closed captioning of goniometry videos.*

Jones, C. & Fraboni, K. (Summer/Fall 2019). *Critical review and development of manual muscle testing content for the shoulder.*

Lebov, M., McLamb, S., & Harrison, E. (Summer/Fall 2019). *Community-based experiential learning: Using an interprofessional student-run free clinic to enhance student collaboration and critical thinking.*

Nash, C., Davis, S., Nettle, M., Bendre, S., & Robertson, J. (Summer/Fall 2019). *Tracking the rising trend of pro-bono clinics in health professions education.*

Campbell, C., Harris, B., Henderson, K., Jessup, G., Jones, C., Matthiessen, A., & McFadden, A. (Summer/Fall 2019). *Critical review of manual muscle testing.*

Knowles, K. (Spring 2019). *Student Perspective of participation in a research group* (independent study paper).

Mitchell, S., Collins, J., Ward, A., & Taylor, C. (Fall 2018). *Cognition and aging* (CEU presentation for Generation H.O.P.E.).

Knowles, K., Leaphart, R., Locklear, R., & Smith, J. (Spring/Summer/Fall 2018). *Gait terminology and educational technology.*

Fletcher, C., Hazel, K., & Mitchell, S. (Summer/Fall 2018). *Student perceptions of apps replacing textbooks.*

Bensch, A., Jones, Autumn, & Laura, J. (Summer/Fall 2017). *Student perceptions of mobile apps replacing textbooks.*

Boyce, H., & Cassilly, H. (Summer/Fall 2017). *Student perceptions of flipping the classroom with mobile apps.*

- Baxley, A., Faerber, K., & Neiling, A. (Summer/Fall 2016). *Interdisciplinary development of a new mobile app (MOBI) for teaching ambulatory assistive devices.*
- Hensley, E., & Ajamian, N. (Summer/Fall 2016). *Implementation of a new mobile app GONI using a flipped lab approach (analysis and presentation of data).*
- Harris, L. (Summer/Fall 2016). *Evaluating the effectiveness and student perceptions of an interactive e-learning module GONI (manuscript).*
- Ajamian, N., Barnes, S., Harris, H., Hensley, E., Keller, C., Maddrey, R., Miller, E., & Williams, T. (Summer 2016). *Interdisciplinary development of a new mobile app (MOBI) for teaching ambulatory assistive devices.*
- Bristol, S. (Spring 2016). *Cognitive, physical and psychosocial benefits of therapeutic horseback riding and how OT can get involved.*
- Alewine, H., Faerber, K., & Nguyen, C. (Spring 2016). *Development of e-learning tools for functional mobility.*
- Atkinson, S., Crabtree, O., Perry, J., & Walsh, J. (Fall 2015). *Effectiveness of goniometry e-learning modules (analysis and presentation of data).*
- Crabtree, O., Lowe, K., Perry, J., Richardson, L., Stoughton, A., & Walsh, J. (Summer 2015). *Development of an e-learning mobile application: GONI app.*
- Tomsic, P., Brawley, C., & Futrell, N. (Spring 2015). *It's a no brainer: The role of occupational therapy in preventing SCI and TBI amongst children.*
- Tomsic, P., Brawley, C., & Futrell, N. (Fall 2014). *Effectiveness of ThinkFirst Injury Prevention Program in changing knowledge, attitudes, and behavior amongst middle school children.*

PROFESSIONAL WEBSITES FOR HEALTH PROFESSIONS EDUCATORS

- Giles, A. K. (n.d.). RehabLearning: Educational mobile applications for on-the-go learners. www.rehablearning.com
- Giles, A. K. (n.d.). RehabLearning. Facebook. <https://www.facebook.com/RehabLearning>

CURRENT TEACHING COURSES 2020-2021

Post-professional Doctorate

OTD 808 Advanced Instructional Design

This course provides an in-depth understanding of instructional design, instructional methods, skills, media, and evaluation for health professionals teaching in academia, clinical, and community settings. Emphasis will be on the development of advanced teaching skills that foster high levels of thinking for all types of learners. Students will apply lessons learned to develop and critique an online instruction module.

OTD 885 Capstone Planning (Capstone Faculty Advisor, 2 students)

In this course post-professional occupational therapy doctoral students will have the opportunity to explore a topic of interest in an in-depth individualized manner in order to gain knowledge specific to their career goals and in preparation for their Capstone project. The students will identify and work closely with a faculty mentor having expertise in their topic area of interest. Students and mentors will negotiate a contract that will tailor learning activities, milestones and requirements to adequately meet the 3 credit hours required for the course. Individualized learning activities may include but are not limited to conducting a thorough literature review of a topic, conducting a needs assessment, learning new research methods, conducting a mentored research experiment, and/or completing reflective writing assignments. At the conclusion of the course, the student will have formulated a working draft of one's Capstone project.

OTD 886 Capstone Proposal (Capstone Faculty Advisor, 2 students)

At the conclusion of this course, the Post Professional Occupational Therapy Doctorate student will have an approved proposal for their Capstone project and therefore be ready to implement the project in the next semester. Throughout the course, students will work closely with their Capstone mentor to write a project proposal and move the proposal from a draft to a finalized version through an iterative process of review and revisions. Emphasis will be on the student's professional growth in scholarly writing and logical thinking through readings, interactions with experienced proposal writers, and response to feedback from mentors and peers.

OTD 888 Post-Professional Capstone Project (Capstone Faculty Advisor, 2 students)

This is the final course in the capstone sequence of courses, and the final course in the post- professional OTD program. During this course, students will complete their capstone project. The project will demonstrate the synthesis and integration of theory, evidence-based practice, and advanced knowledge in one's area of practice. Students will demonstrate professionalism, leadership, and independence. Students will submit a written version of their capstone project that is suitable for professional dissemination, and in a final session, students will deliver an oral presentation of their capstone project to an invited audience during a culminating program event.

Entry-level Doctorate

OTD 830 Neurorehabilitation II

This course promotes entry-level occupational therapy skills in the evaluation and treatment of individuals with incomplete and complete spinal cord injury. Emphasis is placed on selecting appropriate compensatory and/or restorative strategies to regain maximal occupational performance across a variety of activities, including bowel and bladder function, sexuality, skin management, bed mobility, manual and power wheelchair skills, adaptive wheelchair sports, and community integration. Through interactive discussion with

individuals with spinal cord injury, students will appreciate the role of occupational therapy in advocating for individuals with any type of disability.

OTD 830L: Neurorehabilitation II Lab

This course is the correlate lab to the OT-820 lecture course and promotes entry-level occupational therapy skill in the evaluation and treatment of individuals with movement skill dysfunction resulting from neurological disorders. Students will have the opportunity to be actively involved with clients with spinal cord injury in the classroom and in the community. Students will practice neurorehabilitation evaluations and make decisions on when to select a compensatory or restorative approach to improve functional independence. Students will also learn neurorehabilitation skills such as wheelchair mobility, transfers, equipment selection, functional activities, and facilitation of movement. Through interaction with clients, students will experience first-hand the effects of disability on occupational performance and the potential to regain quality of life after disability.

OTD 821 Neurorehabilitation III

This course promotes entry-level occupational therapy skills in the evaluation and treatment of individuals with cognitive and perceptual dysfunction resulting from acquired neurological conditions. Theories and evidence-based principles of evaluation, treatment, and adaptation will be presented with specific emphasis on the relationship between occupational performance and cognitive frameworks as they relate to occupational therapy practice. This course also includes an introduction to rehabilitation across a variety of inpatient settings, including ICU, acute care, acute rehab, and skilled nursing facilities.

OTD 821L Neurorehabilitation III Lab

This course is the correlate lab to the Neurorehabilitation III: Cognition, Communication, and Social Skills Lecture course. The lab is designed to prepare occupational therapy students with the necessary knowledge and skills to make and execute sound and reasonable clinical decisions as it applies to individuals with cognitive impairment. Students will learn skills to evaluate and treat brain injury survivors, practice documentation skills, develop a cognitive screening assessment, and get hands-on time with acute care equipment.

OTD 838 Synthesis of Clinical Skills

This course fosters greater development of clinical reasoning through engagement in complex case studies, simulated experiences, and guided reflection. Students are encouraged to take a holistic approach in organizing, reviewing, and conceptualizing, and applying knowledge to multifaceted clinical scenarios. Requirements include successful completion of the Comprehensive Practical Exam. The primary goal of this course is to facilitate the transition from thinking like a student to thinking like a therapist in preparation for Level II Fieldwork. This course will facilitate the synthesis of foundational knowledge and skills gained from all previous coursework. Thus, successful completion of all previous coursework is a prerequisite requirement for this course.

OTD 835 Scholarship I (Capstone Faculty Advisor, 5 students)

This course promotes professional knowledge, skills, and attitudes that occupational therapy students need for the Doctoral Capstone – doctoral experience and project – with an emphasis on tenets of scholarship, leadership, and evidence-based practice. The course includes didactic sessions *and* hands-on, small group seminar sessions with students led by respective Doctoral Capstone faculty mentors for students to prepare for Doctoral Capstone.

OTD 836 Scholarship II (Capstone Faculty Advisor, 5 students)

This course is the second of a three-part series that expands the professional knowledge, skills, and attitudes that occupational therapy students need for the Doctoral Capstone – doctoral experience and project – with

an emphasis on the tenets of scholarship, leadership, and evidence-based practice. The course includes didactic sessions *and* hands-on, small group seminar sessions with students led by respective Doctoral Capstone faculty mentors for students to prepare for Doctoral Capstone.

OTD 837 Scholarship III (Capstone Faculty Advisor, 5 students)

This course is the third of a three-part series that expands the professional knowledge, skills, and attitudes that occupational therapy students need for the Doctoral Capstone – doctoral experience and project – with an emphasis on tenets of scholarship, leadership, and evidence-based practice. The course includes didactic sessions *and* hands-on, small group seminar sessions with students led by respective Doctoral Capstone faculty mentors for students to prepare for Doctoral Capstone.