# ALEXANDRA K CHESNEY, MOT, OTR

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## EDUCATION

Texas Woman's University, Houston, TX
**Masters in Occupational Therapy (MOT)** **December 2013**

University of Oklahoma, Norman, OK
**Bachelor of Science, Multidisciplinary Studies (BS)** **May 2011**

## EXPERIENCE

TIRR Memorial Hermann, Houston, TX
**Occupational Therapist- Spinal Cord Injury and Specialty Rehabilitation** **February 2013-Present**

- Treats inpatients with spinal cord injury (SCI) and other neurological conditions
- Participates in use of Goal Attainment Scale with neurological rehabilitation population
- Prescribes custom durable medical equipment, including manual and power wheelchairs
    - Manual upright frame, tilt in space, and power wheelchair equipment trials and recommendations
    - Familiar with operation and installation of power systems, head array controls, chin controls, and other assistive technology related to seating systems
    - Experience with X-Sensor pressure mapping system
- Serving as clinical instructor for Level I and Level II occupational therapy students
- Presents clinical information from continuing education:
    - Tenodesis splinting and upper extremity orthotics presentation (2016)
    - Academy of Spinal Cord Injury Professionals Conference: key things learned (2015, 2016, 2017)
    - Utilizing Sage 12 channel system for upper extremity task specific training
- Spinal Cord Injury treatment application from Mary Massery (If you can't breath, you can't function)
- Group Leader for community outing "Project Airport"
- Core group member with focus on:
    - Neurodegenerative diseases
    - Use of Goal Attainment Scale
    - Care Refusal
    - Therapy Charging
- Clinical Instructor "Rookie of the Year" (2015)
- Neurological Recovery Network Specialist (2015 to 2017)
    - Trained in upper extremity protocol for recovery based treatment
    - Use of neuromuscular electrical stimulation for upper extremity and trunk musculature with activity based therapy

Frazier Rehabilitation Institute, Louisville, KY
**Occupational Therapy Student- Spinal Cord Injury** **September 2013-December2013**

- Developed a knowledge of modalities (Estim, FES bike, bioness, sage)
- Fabricated various static and dynamic splints
- Treated full caseload of outpatients with spinal cord injury

## CONTINUING EDUCATION AND PROFESSIONAL CERTIFICATES

*If You Can't Breath, You Can't Function* *June 2017*
Respiration and it's implications for facilitating the rehabilitation process by Mary Massery

*SCI Seminars: Occupational and Physical Therapy Management of Spinal Cord Injury* *March 2017*
Comprehensive SCI rehabilitation techniques for OT and PT

*Assistive Technology and Home Access* *November 2015*
Phone access, home modification, *April 2016*
and use of technology for those with reduced or
no upper extremity function

*Activity- Based Restorative Therapy* *October 2015*
Use of functional electrical stimulation: parameters, settings, and treatment

*Academy of Spinal Cord Injury Professionals Conference* *September 2015, 2016, 2017*
Best practice and clinical applications for rehabilitation with SCI population

*Shoulder disorders* *July 2015*
Taping, Therapeutic Exercise, and Manual Therapy

*LSVT BIG certified practitioner* *March 2015-present*
Certification number: BIGHOTX-50

*Stealth Power Wheelchair positioning and programming course* *March 2015*

*Spasticity Assessment-"It's more than just an MAS Score"(Tardieu Scale)* *January 2015*

*The Scientific Foundations of Neurologic Music Therapy* March 2014

*Certification Preparation Course for the Certified Brain Injury Specialist* *March 2014*

## LICENSURE

Occupational Therapist, Registered through National Board for the Certification of Occupational Therapists
Occupational Therapist Licensure through Texas Board of OT Examiners

## MEMBERSHIPS

Academy of Spinal Cord Injury Professionals (ASCIP)
American Occupational Therapy Association (AOTA)
National Spinal Cord Injury Association (NSCIA)
Texas Occupational Therapy Association (TOTA)

## LEADERSHIP POSITIONS

*Academy of Spinal Cord Injury Professionals* *2015-2018*
Electronic Communications Committee representative