

## CURRICULUM VITAE

**Jessica M. Jarvis, MT-BC**

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### EDUCATION

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|-------------|--|---------------|
| 2013 - 2017 | University of Texas Medical Branch<br><i>PhD in Rehabilitation Sciences</i> <ul style="list-style-type: none"><li>▪ GPA: 3.9</li></ul> | Galveston, TX |
| 2011-2012   | Children's Memorial Hermann Hospital<br><i>Music therapy internship</i>  | Houston, TX   |
| 2007-2012   | Nazareth College of Rochester<br><i>Bachelor of Music-Music Therapy</i> <ul style="list-style-type: none"><li>▪ Cum Laude</li></ul>    | Rochester, NY |

### PERSONAL STATEMENT

I am committed to building a pediatric rehabilitation research career to address factors that improve the health, function, and lived experiences of children with varying abilities. As a clinician, I believe in a client lead and family centered approach, which directly translates to my desire to conduct patient centered outcomes research as a researcher. Specific demographics of interest are critically ill children; both traumatic injuries and complex chronic conditions. My doctoral studies [funded in parts by NIH 1R01MD010355-01 (PI: Ottenbacher) and the Kempner Pre-Doctoral Fellowship award] focused on developing large data and secondary data analytics within the context of rehabilitation sciences, to develop my skills as a methodologist. My postdoctoral studies are transferring these skills into the field of pediatrics, while expanding my experiences to data collection, mixed methods analyses, and lab management. My primary focus of study is investigating the trajectories of functional recovery following prolonged admission into a pediatric intensive care unit and understanding factors that influence changes in recovery (e.g., environmental factors, parental stress, and parent strategy use).

### TRAINING

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|------|---|----------------|
| 2016 | TIRR Memorial Hermann<br><i>Certified Brain Injury Specialist Training</i> <ul style="list-style-type: none"><li>• Certificate # 16675</li></ul>  | Houston, TX    |
| 2015 | LiddleKidz Foundation<br><i>Certified Pediatric Massage Therapist</i>   | Houston, TX    |
| 2014 | UTMB Graduate School of Biomedical Sciences<br><i>Workshop, "Writing Successful Training Grant Proposals"</i>   | Galveston, TX  |
| 2014 | The Center for Music and Biomedical Research<br><i>The International Neurologic Music Therapy Training Institute</i> <ul style="list-style-type: none"><li>• Credentialed as a Neurologic Music Therapist</li></ul> | Ft Collins, CO |

2014	American Music Therapy Association <i>Internship Development and Supervision</i>	Dallas, TX
2012	The Certification Board for Music Therapy <i>Music Therapist-Board Certified</i> <ul style="list-style-type: none"> <li>• Certificate #10326</li> </ul>	
2011-2012	Children’s Memorial Hermann Hospital <i>Music Therapy Intern</i>	Houston, TX

**PROFESSIONAL EXPERIENCES**

2017 - Current	University of Illinois at Chicago, Children’s Participation and Environment Research Laboratory <i>Postdoctoral Research Associate</i> Key Research Personnel on a variety of studies revolving around assessing and advancing children’s participation using electronic Patient Reported Outcomes, and developing an electronic tool for caregivers to convey treatment priorities and develop a plan of care with their providers. <ul style="list-style-type: none"> <li>• Special focus on Pediatric Intensive Care unit, critically ill children, and caregivers of critically ill children</li> <li>• Assisted with data collection for prospective studies</li> <li>• Conducted secondary data analyses for retrospective studies</li> <li>• Collaborated on international, multi-site studies</li> <li>• Lab/project management</li> </ul>	Chicago, IL
2012 - 2017	Children’s Memorial Hermann Hospital <i>Music Therapist</i> Lead individual and group music therapy sessions; treat patients on PICU, NICU, EMU, dialysis unit, and generalize pediatrics; co-treat with physical therapists, occupational therapists, and speech therapist; implement services to target social, emotional, cognitive, communicative, and physical goals. Special focus on trauma and acute care neuro-rehabilitation. <ul style="list-style-type: none"> <li>▪ Internship Director</li> <li>▪ Oversaw music therapy budget</li> <li>▪ Assessed appropriateness of and develop treatment plans for patients referred to music therapy services.</li> <li>▪ Supervised intern and practicum students</li> <li>▪ Provided yearly in-services to nursing, psychiatry, and rehabilitation staff</li> </ul>	Houston, TX
2012 – 2016	Bo’s Place <i>Volunteer</i>	Houston, TX

- Group facilitator for those who have experienced a sudden and unexpected death of a family member (led children and adult groups).

## **PUBLICATIONS AND PRESENTATIONS**

### Peer-Reviewed Publications

Lewis ZH, Lyons EJ, **Jarvis JM**, Baillargeon J. Using an electronic activity monitor system as an intervention modality: A systematic review. *BMC public health*. 2015 Jun 24;15(1):1 [Impact Factor: 2.264]

### Manuscripts Under Review

Cary MP, Bettger JP, Graham JE, **Jarvis JM**, & Ottenbacher KJ. Institutional days following discharge from postacute rehabilitation for Medicare beneficiaries. 2016.

**Jarvis JM**, Downer B, Baillargeon J, Khetani MA, Ottenbacher KJ, Graham JE. The modifying effect of emotion on the relationship between cognitive impairment and disability among older Mexican Americans.

**Jarvis JM**, Downer B, Baillargeon J, Khetani MA, Ottenbacher KJ, Graham JE. The relationship between cognition and disability across cohorts of older Mexican Americans.

Khetani MA, Albrecht EC, **Jarvis JM**, Pogorzelski D, Cheng E, CHOONG K. Determinants of change in home participation among critically ill children.

### Peer-Reviewed Presentations

2016, March	The Southwestern Region of the American Music Therapy Association Annual Conference <i>Evidence Based Practice: A Verb not an Adjective</i>	Austin, TX
2015, October	92 <sup>nd</sup> American Congress of Rehabilitation Medicine. <i>All You Need is LOS: The Effects of Acute and Post-Acute LOS on Patient Outcomes</i>	Dallas, TX
2015, March	The Southwestern Region of the American Music Therapy Association Annual Conference. <i>Pediatrics, The Brain, and Behaviors: Music Therapy to Meet Emotional Needs of the Hospitalized Child.</i>	Oklahoma City, OK
2015, February	Rehabilitation Department at Children's Memorial Hermann Hospital. <i>Music Therapy and Neuro-Rehabilitation.</i>	Houston, TX
2014, March	The Southwestern Region of the American Music Therapy Association Annual Conference. <i>The Battle of Who Can Care Less: Adolescents in Acute Care</i>	Dallas, TX
2013, March	The Southwestern Region of the American Music Therapy Association Annual Conference.	San Antonio, TX

Association Annual Conference.  
*Music Therapy in the Pediatric Epilepsy Monitoring Unit*

2013, November Continuing Education Session for Nursing Department at Houston, TX  
Children's Memorial Hermann Hospital.  
*Music Therapy and Child Life.*

2013, October Guest Lecturer at Nazareth, College of Rochester. Rochester, NY  
*Music Therapy and Procedural Support*

#### **REVIEWER FOR MANUSCRIPTS IN PEER-REVIEWED JOURNALS**

- BMJ Open – 1 review
- International Journal for Developmental Disabilities – 2 reviews
- Patient Preference and Adherence – 1 review
- Disability & Rehabilitation – 1 review

#### **OFFICES AND AFFILIATIONS**

- Parliamentarian of the Southwestern Region of the American Music Therapy Association  
June 2015
- Member of the Southwestern Region of The American Music Therapy Association since 2011
- President of the American Music Therapy Association Students 2010-2011
- Member of The American Music Therapy Association since 2007
- Member of the Mid-Atlantic Region of The American Music Therapy Association 2007-2011

#### **AWARDS AND HONORS**

- Center for Large Data Research & Data Sharing Travel Award 2017
- Jeane B. Kempner Pre-Doctoral Fellowship 2017  
Examining Variables that Effect Incident Disability in Older Mexican Americans  
Award: \$28,00/yr + benefits  
Role: Principal Investigator Mentor: James E. Graham
- Nazareth College Dean's Scholarship 2007-2012
- American Music Therapy Association, Students Taking Active Roles Award 2009