

# Jessica Kersey, PhD, OTR/L

## CURRICULUM VITAE

### BIOGRAPHICAL INFORMATION

**Business Address:** Department of Occupational Therapy  
Applied Health Science Building  
1919 W. Taylor Street, Room 306  
Chicago, IL 60612

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### EDUCATION and TRAINING

<u>Dates Attended</u>	<u>Name and Location of Institution</u>	<u>Degree Received, Year</u>	<u>Major Discipline</u>
June 2005 to May 2008	School of Public Health and Health Professions, University of Florida, Gainesville, FL	Bachelor of Health Science, 2008	Health Science
May 2008 to December 2009	School of Public Health and Health Professions, University of Florida, Gainesville, FL	Master of Occupational Therapy, 2009	Occupational Therapy
May 2013 to August 2015	Saint Joseph's University, Philadelphia, PA	Master of Health Administration, 2015	Health Administration
January 2017 to April 2021	School of Health and Rehabilitation Science University of Pittsburgh, Pittsburgh, PA	Doctor of Philosophy, April 29, 2021	Rehabilitation Science

### APPOINTMENTS and POSITIONS

#### ACADEMIC POSITIONS:

<u>Years Inclusive</u>	<u>Department, Name and Location of Institution</u>	<u>Rank/Title</u>
January 2017 to April 2021	Department of Occupational Therapy, University of Pittsburgh Pittsburgh, PA	Graduate Student Researcher
May 2021 to present	Department of Occupational Therapy, University of Illinois at Chicago, Chicago, IL	Postdoctoral Research Associate

#### NON-ACADEMIC POSITIONS:

<u>Years Inclusive</u>	<u>Department, Name and Location of Institution</u>	<u>Rank/Title</u>
February 2010 to November 2014	Rehab Care Group, Inpatient Rehabilitation Unit at Palomar Medical Center Escondido, CA	Staff Therapist
January 2011 to August 2012	Palomar Medical Center Escondido, CA	Staff Therapist
January 2015 to November 2016	HCA Sunrise Hospital and Medical Center Las Vegas, NV	Team Lead Therapist
July 2015 to June 2017	Beyond Boundaries: Neurorehabilitation Specialists, LLC Las Vegas, NV	Owner/Manager

**DISCIPLINE SPECIALIZATION:** Community Participation, Traumatic Brain Injury

### CERTIFICATION and LICENSURE

#### PROFESSIONAL CERTIFICATION:

National Board for Certification in Occupational Therapy, #266627 2010 to present

#### SPECIALTY CERTIFICATIONS:

Certified in Physical Agent Modalities, State of CA board certification 2013 to 2015  
Neurodevelopmental Treatment Certification 2015 to 2016  
Certified Brain Injury Specialist #14028 2014 to present

#### PROFESSIONAL LICENSURE:

State of Illinois Occupational Therapy License, #056.014157 2021 to present

## MEMBERSHIPS in PROFESSIONAL and SCIENTIFIC SOCIETIES

### ORGANIZATIONS:

#### *International*

World Federation of Occupational Therapists #4361194 2013 to present

#### *National*

American Occupational Therapy Association #000004361194 2008 to present

American Congress of Rehabilitation Medicine #053180 2017 to present

#### *State, Regional*

Occupational Therapy Association of California 2011 to 2014

Nevada Occupational Therapy Association 2014 to 2016

Pennsylvania Occupational Therapy Association 2016 to 2021

Illinois Occupational Therapy Association 2021 to present

## HONORS and AWARDS

### Research Honors and Awards

1. 3rd Place Award, Stroke Interdisciplinary Special Interest Group of the American Congress of Rehabilitation Medicine for poster titled "Self-Awareness Improves Over Time." American Congress of Rehabilitation Medicine Annual Conference, Atlanta, GA 2017

### Service Honors and Awards

1. Patient Choice Award, Palomar Medical Center Inpatient Rehabilitation 2014

## PUBLICATIONS

### PEER-REVIEWED PUBLISHED ARTICLES

1. **Kersey J**, Terhorst L, Skidmore ER. (2019). Effect of Strategy Training on Self-Awareness of Deficits After Stroke. *American Journal of Occupational Therapy*, 73(3), 7303345020p1-7303345020p7. doi: 10.5014/ajot.2019.031450
2. Khalaf, A., **Kersey, J.**, Eldeeb, S., Alankus, G., Grattan, E., Waterstram, L., Skidmore, E. & Akcakaya, M. (2018). EEG-based neglect assessment: A feasibility study. *Journal of Neuroscience Methods*, 303, 169-177. doi:10.1016/j.jneumeth.2018.03.019
3. **Kersey, J.**, Terhorst, L., Wu, C., & Skidmore, E. (2018). Predictors of community integration following traumatic brain injury: A scoping review. *Journal of Head Trauma Rehabilitation*, 34(4), E32-E41. doi:10.1097/HTR.0000000000000442
4. Kringle EA, Barone Gibbs B, Campbell G, Terhorst L, McCue M, **Kersey J**, Skidmore ER. Influence of interventions on daily physical activity and sedentary behavior after stroke: A systematic review. *PM R*. 2020;12(2):186-201. doi:10.1002/pmrj.12222
5. **Kersey, J.**, McCue, M., & Skidmore, E. Domains and Dimensions of Community Participation Following Traumatic Brain Injury. (2020). *Brain Injury*, 34(6), 708-712. doi:10.1080/02699052.2020.1757153

### MANUSCRIPTS IN-PRESS

1. **Kersey, J.**, Evans, W. E., Mullen, K., Askren, A., Cavanaugh, R., Wallace, S. E., Hula, W. D., Walsh Dickey, M., Terhorst, L., & Skidmore, E. (In Press). Metacognitive strategy training is feasible for people with aphasia. *OTJR: Occupation, Participation and Health*
2. Chang, F. H., Fields, B., **Kersey, J.**, Wu, C. Y., Shih, M., & Skidmore, E. (In Press). How does culture influence the implementation of strategy training in stroke rehabilitation? A rapid ethnographic study of therapist perspectives in Taiwan and the United States. *Disability and Rehabilitation*
3. **Kersey, J.**, Terhorst, L., Heinemann, A. W., Hammel, J., Baum, C., McCue, M., & Skidmore, E. R. (In Press.). Construct validity of the Enfranchisement scale of the Community Participation Indicators. *Clinical Rehabilitation*.

## MANUSCRIPTS UNDER REVIEW

1. **Kersey, J.**, Terhorst, L., Hammel, J., Baum, C., Toglia, J., O'Dell, M. W., Heinemann, A. W., McCue, M., & Skidmore, E. R. (Under Review). Detecting change in community participation with the Enfranchisement scale of the Community Participation Indicators.
2. **Kersey, J.**, Terhorst, L., Hammel, J., Baum, C., McCue, M., & Skidmore, E. R. Cut points and sensitivity to change of the Enfranchisement scale of the Community Participation Indicators in adults with traumatic brain injury. (Under review).
3. **Kersey, J.**, Kringle, E., Setiawan, I. M. A., Parmanto, B., & Skidmore, E. R. Feasibility of a mobile health delivery platform for a strategy training intervention in inpatient stroke rehabilitation. (Under Review).
4. **Kersey, J.**, Hammel, J., Baum, C., Heubert, K., Malagari, E., Terhorst, L., McCue, M., & Skidmore, E. T. Effect of interventions on activity outcomes for adults with brain injury: a scoping review. (Under Review).
5. Rodakowski, J., Wirth, M., Fields, B., & **Kersey, J.** (Under Review). Caregivers of stroke survivors: perceptions of education in stroke rehabilitation care.
6. Mak, J., Kocanaogullari, D., Huang, X., **Kersey, J.**, Shih, M., Skidmore, E., Wittenberg, G. F., Ostadabbas, S., & Akcakaya, M. Detection and assessment of stroke-induced visual neglect using augmented reality and electroencephalography. (Under Review).

## PEER-REVIEWED PUBLISHED ABSTRACTS

1. Weaver, J., Lucero, M., Hewett, M., **Kersey, J.**, Esmaeili, K., Wheeler, S. (2015). Functional rehabilitation following TBI: An analysis of inpatient recovery and community integration. *American Journal of Occupational Therapy*, 69: 6911500005p1. doi:10.5014/ajot.2015.69S1-PO1088
2. Weaver, J., Wheeler, S., **Kersey, J.** (2016). Long-term functional outcomes following interdisciplinary rehabilitation: A longitudinal study. *American Journal of Occupational Therapy*, 70: 7011505093p1. doi:10.5014/ajot.2016.70S1-RP303D
3. **Kersey, J.**, Skidmore, E. (2017). Self-Awareness Improves Over Time. *Archives of Physical Medicine and Rehabilitation*, 98(10), e108.
4. **Kersey, J.**, Terhorst, L., & Skidmore, E. (2018). Cognitive IADL Performance Improves Over Time with Strategy Training. *American Congress of Rehabilitation Medicine*, 99(10), e24. doi:10.1016/j.apmr.2018.07.079
5. Terhorst, L., **Kersey, J.**, Brick, R., & Skidmore, E. (2018). Review of Psychometric Properties for Performance-based Measures of Cognitive Instrumental Activities of Daily Living. *American Congress of Rehabilitation Medicine*, 99(10), e111-e112.

## THESES and DISSERTATIONS

1. **Kersey, J.** *Broadening the scope of community participation in traumatic brain injury research* [dissertation]. Pittsburgh, PA: University of Pittsburgh; 2021.

## PROFESSIONAL ACTIVITIES

### RESEARCH

#### GRANT FUNDING

##### **Current Grant Support**

<u>Grant Number</u>	<u>Grant Title</u>	<u>Project Role, Effort</u>	<u>Years Inclusive</u>	<u>Source</u>
1. Predoctoral Research Award	Community Participation Indicators Validation	PI, 100%	December 2019 – April 2021	University of Pittsburgh, School of Health and Rehabilitation Sciences
2. R01 HD074693	Closing the gap in stroke rehabilitation: early intervention for cognitive disability	Graduate Student Researcher	January 2017 – April 2021	NCMRR, NCHID
3. 90RE5018	Rehabilitation Engineering Research Center (RERC) on Information & Communication Technology (ICT) Access	Graduate Student Researcher	August 2018- December 2019	NIDILRR

4. #90AR5023	Translational and Community-Engaged Scholarship to Improve Community Living and Participation of People with Disabilities	Postdoctoral Research Associate	May 2021 - present	NIDILRR (ARRT)
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## **PRESENTATIONS**

### **Peer-Reviewed Presentations**

#### *International*

1. **Kersey, J.**, Rodakowski, J., & Skidmore, E. *Caregiver Burden Correlates with Cognitive Flexibility*. World Federation of Occupational Therapy Congress, Capetown, South Africa, May 2018.
1. Kocanaogullari, D., Mak, J., **Kersey, J.**, Khalaf, A., Ostadabbas, S., Wittenberg, G., Skidmore, E. & Akcakaya, M. (2020, July). EEG-based Neglect Detection for Stroke Patients. Presented at the International Conference of the IEEE Engineering in Medicine and Biology Society in conjunction with the Canadian Medical and Biological Engineering Society, Montreal, Canada.

#### *National*

1. Weaver, J., Lucero, M., Hewett, M., **Kersey, J.**, Esmaeili, K., Wheeler, S. *Functional rehabilitation following TBI: An analysis of inpatient recovery and community integration*. American Occupational Therapy Association Annual Conference, Nashville, TN, April 16,
2. Weaver, J., Wheeler, S., **Kersey, J.** *Long-term functional outcomes following interdisciplinary rehabilitation: A longitudinal study*. American Occupational Therapy Association Annual Conference, Chicago, IL, April, 2016.
3. Kersey, J., Skidmore, E. *Self-Awareness Improves Over Time*. American Congress of Rehabilitation Medicine Annual Conference, Atlanta, GA, October 26, 2017.
4. **Kersey, J.**, Weaver, J., Barnes, N. *The Distinct Value of Occupational Therapy in the Management of Pusher Syndrome*. American Occupational Therapy Association Annual Conference, Salt Lake City, UT, April 20, 2018
5. M. Akcakaya, A. Khalaf, S. Eldeeb, **J. Kersey**, G. Alankus, E. Grattan, L. Waterstram, E. Skidmore, " EEG-based Neglect Assessment," BCI Meeting 2018, May 21-25 2018 Pacific Grove, CA.
6. **Kersey, J.**, Terhorst, L., & Skidmore, E. *Cognitive IADL Performance Improves Over Time with Strategy Training*. American Congress of Rehabilitation Medicine Annual Conference, Dallas, TX, October 2018.
7. **Terhorst, L., Kersey, J., Brick, R., & Skidmore, E.** (2018, September). *Review of Psychometric Properties for Performance-based Measures of Cognitive Instrumental Activities of Daily Living*. American Congress of Rehabilitation Medicine Annual Conference, Dallas, TX.

#### *Regional, State*

1. **Kersey, J.**, Weaver, J. *Integrating research into practice*. Presentation at the Occupational Therapy Association of California Spring Symposium, Anaheim, CA, March 2014
2. **Kersey, J.**, Skidmore, E. *Self-Awareness Improves Over Time*. Poster Presentation at Annual Aging Institute Research Day, Pittsburgh, PA, 2017.

### **Invited Research Presentations**

#### *National*

1. Invited panelist, Summer Institute of Future Scientists in Occupational Therapy, June, 2017, Boston, MA.
2. **Kersey, J.** *Metacognitive Strategy Training for Adults with Aphasia Following Stroke*. American Speech and Hearing Association Annual Conference. Orlando, FL, November 22, 2019.

#### *Regional, State*

3. **Kersey, J.**, Kringle, E., & Skidmore, E. *Occupational Therapy in Telehealth: iADAPTS*. Presentation to Representative Mustio. Pittsburgh, PA, August 2, 2018.
4. **Kersey, J.** *The Role of Self-Awareness in Strategy Training*. Current Concepts of Brain Injury Rehabilitation Symposium. Pittsburgh, PA, November 3, 2018.
5. *Evidence-Based Approaches in Action*. Council on Brain Injury Annual Conference. April 9, 2019.

## **LABORATORY MEMBERSHIPS**

### Laboratory Name, Principal Investigators

- | <u>Laboratory Name, Principal Investigators</u>                          | <u>Years Inclusive</u> |
|--|------------------------|
| 1. Occupational Therapy Cognitive Performance Laboratory; Skidmore, ER.  | 2017 to 2021           |
| 2. RERC on Information and Communication Technology Access; Parmanto, B. | 2018 to 2021           |

### **COURSES ATTENDED**

1. Ecologically Valid Instrument Development: Innovation in Structured Functional Cognitive Assessment for Clients with Acquired Brain Injury. April 27, 2013, San Diego, CA.
2. Using Patient-Reported Outcomes in Your Outcome Documentation. September 13, 2014, Alexandria, VA
3. American Occupational Therapy Foundation Intervention Research Grants: An Overview of Priorities and Process, April 16, 2015, Nashville, TN.
4. Getting Your Research Published, April 17, 2015, Nashville, TN.
5. Interviewing for Qualitative Research, April 18, 2015, Nashville, TN.
6. National Center for Medical Research: NIH Research Agenda and Updates from USAMRMC, March 31, 2017, Philadelphia, PA.
7. Leveraging Existing Data to Answer Novel Research Questions: Perspectives on Archiving and Using Research Data, October 27, 2017, Atlanta, GA.

### **TEACHING**

#### **COURSEWORK**

##### **University of Pittsburgh**

##### **Entry-Level Doctorate of Occupational Therapy Program**

1. Course Title: ***Neurorehabilitation Theory and Practice (OT 2112)***  
*Description:* The occupational therapy process for clients with neurological and neurobehavioral dysfunction is studied in-depth. Theories, principles, assessments, and interventions focus on performance of activities and routines of daily living and participation in society.  
*Contact Hours, Number of Lectures:* 4 contact hours, 2 lectures, 1 lab  
*Year(s), Number of Students:* Summer 2018, 50 Doctor of Occupational Therapy students
2. Course Title: ***Neurorehabilitation Theory and Practice (OT 2112)***  
*Description:* The occupational therapy process for clients with neurological and neurobehavioral dysfunction is studied in-depth. Theories, principles, assessments, and interventions focus on performance of activities and routines of daily living and participation in society. Prepared content and trained a clinical instructor to deliver course module.  
*Contact Hours, Number of Lectures:* 4 contact hours, 1 lectures, 1 lab  
*Year(s), Number of Students:* Summer 2019, 55 Doctor of Occupational Therapy students
3. Course Title: ***Advanced Concepts in Clinical Reasoning (OT 3203)***  
*Description:* This course uses case-based methods, evidence synthesis, and critical thinking to train practitioners to derive evidence-based and sustainable solutions to real-world complex clinical challenges in assessment and intervention.  
*Contact Hours, Number of Lectures:* 38 contact hours, 12 lectures  
*Year(s), Number of Students:* Fall 2019, 45 Doctor of Occupational Therapy students

#### **CURRICULUM DEVELOPMENT**

1. Member of Clinical Science Doctorate Advisory Committee, University of Pittsburgh, Department of Occupational Therapy: helped inform framework and branding of program.

#### **PROFESSIONAL PRESENTATIONS**

##### **Peer-Reviewed Presentations**

##### *National*

1. Weaver, J. **Kersey, J.**, Wheeler, S. *Varying Interventions for Adults Based on Traumatic Brain Injury Severity: Treating Cognitive Impairments with a Functional Approach.* American Occupational Therapy Association Annual Conference, Salt Lake City, UT, April 20, 2018.
2. **Kersey, J.** Weaver, J. & Johnson, C. *Conversations That Matter: Facilitating the Uptake of Functional Cognition Assessments for Practitioners Working with Adults with Neurological Conditions.* American Occupational Therapy Association Annual Conference, Salt Lake City, UT, April 21, 2018.

##### *Regional/State*

1. **Kersey, J.**, Weaver, J. Executive functioning in the neurologic population. Presentation at the Occupational Therapy Association of California Annual Conference, October, 2014, Pasadena, CA.

2. **Kersey, J.**, Weaver, J. Pusher Syndrome. Short course for the Nevada Occupational Therapy Association, June, 2015, Las Vegas, NV.
3. **Kersey, J.**, Weaver, J. Executive Functioning. Short course for the Nevada Occupational Therapy Association, February, 2016, Las Vegas, NV.
4. **Kersey, J.**, Weaver, J. Pusher syndrome: A review of the evidence. Presentation at the Occupational Therapy Association of California Spring Symposium, March 2016, San Diego, CA.

**Invited Presentations**

*National*

*Regional/State*

1. Invited panelist, Round robin with new practitioners, Occupational Therapy Association of California Spring Symposium, March, 2014, Anaheim, CA.
2. Invited panelist, Leadership and occupational therapy professionals: Roles, responsibilities and opportunities, Occupational Therapy Association Spring Symposium, March, 2014, Anaheim, CA.
3. Invited presenter, Facilitating community integration. Traumatic Brain Injury Symposium, November, 2016, Pittsburgh, PA.

**COURSES ATTENDED**

1. To Teach or To Treat? That is the Question. Successful Transition From Clinician to Academician. April 19, 2015, Nashville, TN

**SERVICE**

**INTERNATIONAL, NATIONAL AND REGIONAL ORGANIZATIONS**

**International Service Organizations**

**National Service Organizations**

***American Occupational Therapy Association***

- |    |   |   |                            |
|----|---|---|----------------------------|
| 1. | Reviewer, Critically Appraised Paper reviews                          | American Occupational Therapy Association   | July 2016 to present       |
| 2. | Facilitator, Community of Practice on Functional Cognition Assessment | American Occupational Therapy Association, Physical Disabilities Special Interest Section | January 2018 to April 2018 |

**State Service Organizations**

***Occupational Therapy Association of California***

- |    |  |  |                              |
|----|--|--|------------------------------|
| 3. | Chair, Professional Development and Leadership Committee | Occupational Therapy Association of California | August 2012 to December 2014 |
| 4. | Conference Committee Member                              | Occupational Therapy Association of California | August 2012 to December 2014 |
| 5. | Practice, Ethics and Reimbursement Committee Member      | Occupational Therapy Association of California | August 2012 to December 2014 |
| 6. | Fiscal Advisory Council Member                           | Occupational Therapy Association of California | August 2012 to December 2014 |

***Nevada Occupational Therapy Association***

- |    |                                  |   |                              |
|----|----------------------------------|---|------------------------------|
| 7. | Southern District Chairperson    | Nevada Occupational Therapy Association | January 2015 to August 2015  |
| 8. | Vice President                   | Nevada Occupational Therapy Association | August 2015 to November 2016 |
| 9. | Conference Committee Chairperson | Nevada Occupational Therapy Association | August 2015 to November 2016 |

**Clinical Service Activities**

- |     |                                   |   |                            |
|-----|-----------------------------------|---|----------------------------|
| 10. | Performance Improvement Committee | Palomar Medical Center Inpatient Rehabilitation | July 2010 to November 2014 |
|-----|-----------------------------------|---|----------------------------|

11. New Facility Planning Team	Palomar Medical Center	July 2012 to September 2013
12. Electronic Health Record Development Team	Palomar Medical Center	July 2013 to November 2014
13. Clinical Instructor, Level I and II Fieldwork	Sunrise Hospital/Palomar Medical Center Inpatient Rehabilitation	January 2011 to November 2016
14. Facilitator, Journal Club Series	Sunrise Hospital and Medical Center	May 2015 to July 2016
15. Support Group Facilitator for NCEP Brain Injury Program	Beyond Boundaries: Neurorehabilitation Specialists	August 2015 to November 2016