

## I-Ting Hwang, PhD candidate

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635 Commonwealth Ave., Sargent College (SAR 552), Boston University, Boston, MA 02215

### EDUCATION

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2014 - present	PhD student	Rehabilitation Sciences, Boston University, MA
2012	MS	Occupational Therapy, National Cheng Kung University, Taiwan
2010	BS	Occupational Therapy, National Cheng Kung University, Taiwan

### RESEARCH EXPERIENCE

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- 2014-present Graduate Research Assistant, Young Adult Empowerment, Leadership, and Learning (YELL) lab, Boston University**  
**Director: Jessica Kramer, PhD, OTR/L**
- “Evaluation of Project TEAM (Teens Making Environmental and Activity Modifications) - Effectiveness, Social Validity and Feasibility”  
National Institute on Disability and Rehabilitation Research (PI: Kramer)
  - “Development of Project PREPARED (Parents Responding, Engaging & Participating for new Environments for children with Disabilities)”  
American Occupational Therapy Foundation (PI: Kramer)
  - Manage data-entry, literature review, facilitate group sessions, conduct interviews, and help data analysis and publications
- 2012-2013 Research Assistant, Occupational Therapy, National Cheng Kung University (NCKU)**
- “School Functional performance of Children with Developmental Coordination Disorder (DCD) at school age”
  - Write literature review, interviewed elementary school teachers, conducted a questionnaire survey (School Function Assessment), and analyzed the quantitative data
- 2010-2012 Master’s Thesis, NCKU**
- “Visual Perception Ability of Children with Developmental Coordination Disorder (DCD): Oculomotor Control and Eye-Hand Coupling in Functional Task”
- 2008 Summer Programs for Undergraduate Research , NCKU**
- “Development of Visual Search Pattern”
  - Designed a pilot study for Chinese version of Letter Cancellation Test and conducted the visual searching patterns test with a cohort size of 353 participants

### CLINICAL EXPERIENCE

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- 2013-2014 Occupational Therapist, Yonghe Cardinal Tien Hospital, Taiwan**
- Provided individual and group occupational therapy for individuals with disabilities, including children (0-12 years old), adults, and elderly people
  - Provided weekly parent group for parent of school-aged children with disabilities
- 2012-2013 School-based Occupational Therapist, Taiwan**
- Provided consultation to elementary school teachers and individual occupational therapy sessions to students with special needs
- 2010-2013 Occupational Therapist, Yi-An Rehabilitation Clinic, Taiwan**
- Provided individual occupational therapy for children with disabilities

## PEER REVIEWED PUBLICATIONS

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1. Kramer J., **Hwang I.T.**, Helfrich C., Samuel P., Carrellas A., & the YELL Lab Project TEAM Youth Research Collaborators (In press). Evaluating the social validity of Project TEAM: A problem-solving intervention to teach transition age youth with developmental disabilities to resolve environmental barriers. *International Journal of Disability, Development, & Education*
2. Kramer J., **Hwang I.T.**, Levin M., Acevedo-Garcia, D., & Rosenfeld L. (Under review). Identifying environmental barriers to participation: Usability of a health-literacy informed problem identification approach for parents of young children with developmental disabilities. *Child: Care, Health and Development*
3. Kramer, J.M., Helfrich, C., Levin, M., **Hwang, I.**, Samuel, P., Carrellas, A., Schwartz, A., Goeva, A., Kolaczyk, E. (Under review). Initial evidence of the outcomes of an environmental-focused, problem-solving intervention for transition-age youth: Project TEAM. *Developmental Medicine and Child Neurology*.

## PEER REVIEWED CONFERENCE PRESENTATION

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1. **Hwang, I.T.**, & Kramer, J. (2017, September). Empowering Transition-Age Youth to Problem-Solve Barriers to Participation. Breakout session at the Building Bridges: Autism Journey into Adulthood Conference, Framingham, MA.
2. Kramer, J., **Hwang, I.T.**, Helfrich C., Samuel P., Carrellas A., Levin M., Goeva A., & Yang S. (2017, September). *Changes in problem solving, readiness for advocacy, and participation: Comparing an environment-focused intervention with goal setting for transition age youth with developmental disabilities*. Poster presented at American Academy of Cerebral Palsy and Developmental Medicine (AACPD) 71st Annual Meeting, Montreal, Quebec, Canada
3. **Hwang, I.T.**, Kramer, J., Helfrich, C., & Samuel, P. (2017, June). *Youth and parent perspectives of an environment-focused problem solving intervention to increase participation of transition-age youth with developmental disabilities*. Presented in the concurrent session at the American Association on Intellectual and Developmental Disabilities (AAIDD) 141<sup>st</sup> Annual Meeting, Hartford, CT.
4. **Hwang, I.T.** (2017, June). *Encounters between youth with developmental disabilities and environmental barriers: Parents' understandings and reactions*. Presented in the Research Colloquium at the American Association on Intellectual and Developmental Disabilities (AAIDD) 141<sup>st</sup> Annual Meeting, Hartford, CT.
5. **Hwang, I.T.**, Kramer, J., Rosenfeld, L., Levin M., & Acevedo-Garcia D. (2017, June). *Use of a Structured Prompting Approach to Help Parents of Young Children with Developmental Disabilities (DD) Identify Environmental Barriers to Participation*. Presented at the 6<sup>th</sup> Annual OT Research Summit, Boston, MA.
6. Kramer, J. & **Hwang, I.T.** (2017, March). *Youth and parent perspectives of an environment problem solving intervention for transition-age youth with disabilities*. Poster presented at 2017 American Occupational Therapy Association (AOTA) Annual Conference & Centennial Celebration, Philadelphia, PA.
7. Kramer, J. & **Hwang, I.T.**, & Levin M. (2017, March). Project TEAM: Empowering Transition-Age Youth with DD to Problem Solve Environmental Barriers to Participation. Workshop presented at 2017 American Occupational Therapy Association (AOTA) Annual Conference & Centennial Celebration, Philadelphia, PA.
8. **Hwang, I.T.**, Kramer, J., & Klemos, A. (2016, November). *Encounters between youth with developmental disabilities and environmental barriers: Parents' understandings and reactions*. Poster presented at the MAOT Annual Conference 2016, Norwood, MA.
9. Lindsay, R., Levin, M., & **Hwang, I.T.**, & Kramer J. (2016, October). *Parents of young children with disabilities: New critical thinking strategies to support participation at home and in the community*. Presented at the American Public Health Association (APHA) 2016 Annual

- Meeting & Expo, Denver, CO.
10. Kramer, J., **Hwang, I.T.**, Helfrich, C., & Samuel, P. (2016, September). *Youth and parent perspectives of a problem solving intervention to increase participation of transition-age youth with developmental disabilities*. Poster presented at American Academy of Cerebral Palsy and Developmental Medicine (AACPDM) 70th Annual Meeting, Hollywood, FL.
  11. Kramer, J., Rosenfeld, L., Levin, M., & **Hwang I.T.**, (2016, May). Addressing environmental barriers experienced by young children with disabilities (ages 1-3) and their families: A socio-ecological approach. Presented at the Massachusetts Early Intervention Consortium (MEIC). Milford, MA.
  12. **Hwang, I.T.**, Kramer, J., & Kalemoss, A. (2016, May). *Encounters between youth with developmental disabilities and environmental barriers: Parents' understandings and reactions*. Poster presented at the 5<sup>th</sup> Annual OT Research Summit, Pittsburgh, PA.
  13. **Hwang, I.T.**, & Hsu, Y.W. (2012, November). *Eye-hand Coupling Performance of Children with Developmental Coordination Disorder in Functional Button Pressing Task*. Poster presented at the 31stTaiwan Occupational Therapy Association Conference, Taichung, Taiwan.
  14. Sung, Y.S., **Hwang, I.T.**, Hsieh, P.T., & Hsu, Y.W. (2012, November). *School Functional Performance in Children with Developmental Coordination Disorder at School Age*. Poster presented at the 31stTaiwan Occupational Therapy Association Conference, Taichung, Taiwan.
  15. **Hwang, I.T.**, Chen, S.H., Hsu, Y.W., & Tsai, P.L. (2011, June). *Visual Scanning Performance of Children with Developmental Coordination Disorder*. Poster presented at the Ninth International Conference on Developmental Coordination Disorder, Lausanne, Switzerland.
  16. Chen, S.H., **Hwang, I.T.**, Hsu, Y.W., & Tsai, P.L. (2011, June). *Eye Movement of Children with Developmental Coordination Disorder*. Poster presented at the Ninth International Conference on Developmental Coordination Disorder, Lausanne, Switzerland.
  17. **Hwang, I.T.**, Hsu, Y.W., & Tsai, P.L. (2009, June). *Development of Visual Search Pattern*. Poster presented at the Occupational Therapists Union of the Republic of China Conference, Taipei, Taiwan.

### **AWARDED GRANTS**

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Developing a preliminary model of Asian immigrant parents' acculturation and role negotiation process while accessing and utilizing health and education services in the U.S. context: A qualitative meta-synthesis

Dudley Allen Sargent Research Fund  
 May 2017-November 2018  
 Role: PI

### **EDUCATIONAL AWARDS**

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| <b>2016</b>      | <b>Travel Award, 2016 AACPDM 70th Annual Meeting, AACPDM Student Scholarship</b><br>- \$500 USD |
| <b>2016</b>      | <b>Travel Award, 2016 OT Research Summit, University of Pittsburgh</b><br>- \$500 USD           |
| <b>2014-2017</b> | <b>Government scholarship awards, Ministry of Education, Taiwan</b><br>- \$144,000 USD          |

### **LICENSE QUALIFICATION**

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2010-present License of Occupational Therapist in Taiwan

## **SERVICE**

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2016, 2017     Junior mentor: Occupational Therapy Research Summit Future Scientist Institute

## **PROFESSIONAL MEMBERSHIPS**

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American Occupational Therapy Association

American Academy for Cerebral Palsy and Developmental Medicine

## **VOLUNTEER EXPERIENCES**

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**2007-2009     Good Shepherd Social Welfare Services**

- Designed sensory-motor activities for infants and toddlers

**2006-2009     St. Raphael Opportunity Center, Taiwan**

- Designed and led several one-day trips for young adults with developmental disabilities