

**RESEARCH AND PROFESSIONAL EXPERIENCE**  
**KERRI ANN MORGAN, PhD OTR/L ATP**

**DATE PREPARED**            May 2016

**1.      PERSONAL INFORMATION**

- a. gender**                    female
- b. birth date**                6/11/74
- c. birthplace**                Port Jefferson, New York

**2.      CITIZENSHIP**        USA

**3.      ADDRESS AND TELEPHONE NUMBERS**

- a.      office**  
Washington University School of Medicine  
Program in Occupational Therapy  
4444 Forest Park Boulevard  
Campus Box 8505  
Saint Louis, Missouri 63108 USA  
314 932-1023  
Email: morgank@wustl.edu
- b.      home**  
700 Villa Place Ct.  
Olivette, Missouri 63132 USA  
314-550-4447

**4.      PRESENT POSITION**  
Instructor of Occupational Therapy and Neurology

**5.      EDUCATION**

- a.      Undergraduate**  
1996 Bachelor of Arts in Psychology, Minor in Business, Texas Christian University, Fort Worth, TX  
1994 Study Abroad Program, Regents College, London, England
- b.      Graduate**  
1998 Masters of Science in Occupational Therapy, Washington University School of Medicine, Program in Occupational Therapy, Saint Louis, MO  
  
2015 PhD in Movement Science, Washington University, School of Medicine, Program in Physical Therapy, Saint Louis, MO

**6.      RESEARCH TRAINING**

- 2015-2016 Fellowship, University Alabama – Birmingham and Lakeshore Foundation Research Collaborative, Birmingham, AL
- 2016-Present Summer Institute Training Program (Programs to Increase Diversity among Individuals Engaged in Health-Related Research) sponsored by the National Heart, Lung, and Blood Institute (NHLBI)

**7. ACADEMIC POSITIONS/EMPLOYMENT**

- 9/03 – Present Instructor, Program in Occupational Therapy, Department of Neurology, Washington University School of Medicine, St. Louis, MO
- 9/00 – 2009 Research Lab Manager, Washington University School of Medicine, St. Louis, MO
- 9/00 – 8/03 Research Lab Manager & Lab Instructor, Program in Occupational Therapy, Washington University School of Medicine, St. Louis, MO
- 9/99 – 9/00 Project Coordinator, “Mobility, Disabilities, Participation and the Environment” (A grant funded by the Centers for Disease Control and Prevention), Program in Occupational Therapy, Washington University School of Medicine, St. Louis, MO
- 2/99 – 9/99 Research Assistant, “Mobility Disabilities, Participation and the Environment”, Program in Occupational Therapy, Washington University School of Medicine, St. Louis, MO
- 5/00 – 5/02 Occupational Therapy Consultant for the Personal Assistance Services Program, Paraquad Independent Living Center, St. Louis, MO
- 8/00 – 5/02 Occupational Therapy Consultant for the Personal Assistance Services Program, Delta Center, St. Louis, MO

Fall 94 Occupational Therapy Intern, Devonshire Hospital, London, England

Winter 93 Presidential Personnel Intern, The White House, Washington, DC

**8. UNIVERSITY AND HOSPITAL APPOINTMENTS AND COMMITTEES**

- 2002-2005 Human Subjects Subcommittee
- 2003-2015 Program in Occupational Therapy Admissions Committee
- 2007-2009 Program in Occupational Therapy Fieldwork Committee

2012-2015 Program in Occupational Therapy Technology Committee  
2016-Present Program in Occupational Therapy Spirit Committee  
2016-Present Rehabilitation and Participation Science PhD Committee

**9. LISCENSURE AND BOARD CERTIFICATION**

1999-Present National Board of Occupational Therapy Certification  
1999-Present Missouri Board of Registration  
2007-Present Assistive Technology Professional

**10. ACADEMIC AND PROFESSIONAL HONORS AND AWARDS**

2005 Honorary member, Pi Theta Epsilon Honor Society for Occupational Therapy Students  
2006 St. Louis Business Journal Healthcare Hero Finalist  
2012 The Jason Sommer Dedicated Semester Award, Fontbonne University  
2013 Honorary Doctorate of Humane Letters, Fontbonne University

**11. ATHLETIC HONORS AND AWARDS**

2008 USA Paralympic Track and Field Team  
2009 USA Paralympic Wheelchair Rugby Team (first female)  
2010-Present USA Paralympic Track and Field Team Member  
2011 USA World Championship (Christchurch New Zealand) - Gold Medal (800m), 3 Silver Medals (400m, 200m, 100m)  
2012 USA Paralympic Games (London) Bronze Medal winner (100m, 200m)  
2013 USA Paralympic World Championships (Lyon, France) – 2 Silver Medals (200, 800m), Bronze Medal (100m)  
2015 USA Paralympic World Championships (Doha, Qatar) – 2 Silver Medals (100m, 200m, 400m)

**12. PROFESSIONAL SOCIETIES AND ORGANIZATIONS**

1999-2000 Society for Disability Studies  
1999-present American Occupational Therapy Association  
1999-2008 American Public Health Association  
2001-present Rehabilitation Engineering and Assistive Technology Society of North America

**13. MAJOR INVITED PROFESSORSHIPS AND LECTURESHIPS**

1. 2006 Lindbergh Lecture, School of Mechanical Engineering, University of Wisconsin, Madison Wisconsin, September 2006.
2. Gray DB, Stark S, Hollingsworth, HH, Morgan KA: Measurement of Receptivity Invited address by the CTNERHI (Centre Technique National d'Etudes et de Recherche sur les Handicaps et les Inadaptations) in Paris, France, September, 2003.

3. Keynote Speaker, Convocation, Fontbonne University, St. Louis, MO, August 2011.
4. Commencement Speaker, Fontbonne University, St. Louis, MO, May 2013.

**14. CONSULTING RELATIONSHIPS**

- 2000-2002 Paraquad, Inc., St. Louis, MO
- 2000-2002 Delta Center for Independent Living, St. Charles, MO
- 2005-2008 Independence Technology, New Jersey
- 2005-2008 ROHO, Belleville, IL

**15. PROFESSIONAL BOARD & COMMITTEE MEMBERSHIPS**

- 2002-2004 Policy Voting Board, Paraquad, St. Louis, MO
- 2003-2005 Election Reform Coalition, Paraquad, St. Louis, MO
- 2005-2010 Assistive Technology Fair Committee, Paraquad, St. Louis, MO
- 2005-2014 Missouri Assistive Technology Council (Governor appointed)
- 2006-2007 American Occupational Therapy Association, Task Force on Disability and Participation
- 2006-2008 Missouri Assistive Technology Executive Board
- 2015-Present RESNA Standards Committee on Wheelchair and Related Seating
- 2015-Present Clinician Task Force on Seating and Wheeled Mobility/AOTA Seating and Wheeled Mobility Workgroup
- 2015-Present Editorial Board, Journal of Physical Medicine, Rehabilitation & Disabilities

**16. PEER GRANT REVIEWER**

- Spring 2005 National Institute on Disability and Rehabilitation Research; Field-Initiated Program – Research Projects
- Spring 2006 National Institute on Disability and Rehabilitation Research; Field-Initiated Program – Development Projects
- Spring 2009 National Institute on Disability and Rehabilitation Research; Field-Initiated Program – Development Projects
- Spring 2015 National Institute on Disability, Independent Living, and Rehabilitation Research; Community Living and Participation
- 2015 Spinal Cord Injury/Disease Research Program

**17. RESEARCH SUPPORT**

- 2014-2015 Application of the WMS for Advanced Physical Training and Endurance Testing of Manual Wheelchair Users  
Total Project Award: \$82,521.00  
Co-Principal Investigator: Kerri Morgan, MSOT OTR/L ATP
- 2013-2014 Effect of Wheelchair Training for New Manual Wheelchair Users (Year 2)  
Missouri Spinal Cord Injuries Research Program

Total Project Award: \$96,844.00  
Principal Investigator: Kerri Morgan, MSOT OTR/L ATP

- 2011-2012 Effect of Wheelchair Training for New Manual Wheelchair Users  
Missouri Spinal Cord Injuries Research Program  
Total Project Award: \$78,265  
Principal Investigator: Kerri Morgan, MSOT OTR/L ATP
- 2011-2012 Developing Wheelchair Training for New Manual Wheelchair Users  
Program in Occupational Therapy Development Grant  
Total Project Award: \$20,000  
Principal Investigator: Kerri Morgan, MSOT OTR/L ATP
- 2010-2011 Instrumented Wheelchair Treadmill for People with Spinal Cord Injuries  
Missouri Spinal Cord Injuries Research Program  
Total Project Award: \$44,443  
Principal Investigator: Joseph W. Klaesner, Ph.D.  
Project Consultant: Kerri A. Morgan, MSOT OTR/L ATP
- 2008-2009 Development of a Wheelchair Treadmill (dynamometer) for People with Spinal Cord Injuries  
Missouri Spinal Cord Injuries Research Program  
Total Project Award: \$50,000  
Principal Investigator: Joseph W. Klaesner, Ph.D.  
Project Consultant: Kerri A. Morgan, MSOT OTR/L ATP
- 2006-2009 The Assistive Technology Reutilization Program for Independent Living  
DOE/RSA Paraquad  
Total Project Award: \$554,539  
Project Director: Carla Walker, MSOT OTR/L  
Principal Investigator: Kerri A. Morgan, MSOT OTR/L
- 2006 – 2011 Disability Business and Technical Assistance Center  
DOE/NIDRR/University of Missouri  
Project Director: Jim De jong  
Principal Investigator: David B. Gray, PhD  
Co-Investigator: Kerri A. Morgan, MSOT OTR/L
- 2006 – 2011 Independent Living Rehabilitation Research and Training Center  
DOE/NIDRR/University of Kansas (H133B000500)  
Principal Investigator: Glen White, PhD  
Investigator: David B. Gray, PhD  
Project Manager: Kerri A. Morgan, MSOT OTR/L

- 2005 – 2007 Exercise Programs and Health Promotion for Unserved and Underserved People with Mobility Impairments  
Missouri Foundation for Health  
Total project award: \$ 508,423  
Principal Investigator: David B. Gray, Ph.D.  
Project Manager: Kerri A. Morgan, MSOT OTR/L
- 2004 – 2006 Rehabilitation Outcomes, Community Participation and ICF  
National Center for Medical Rehabilitation Research, National Institute of Child Health and Human Development, NIH  
Total project award: \$386,127  
Principal Investigator: David B. Gray, Ph.D.  
Project Manager: Kerri A. Morgan, MSOT OTR/L
- 2001 – 2006 Assistive Technology in the Community  
DOE/NIDRR (H133A010701)  
Total cost award: \$1,500,000  
Principal Investigator: David B. Gray, PhD  
Project Manager: Kerri A. Morgan, MSOT OTR/L
- 2000 – 2006 University of Pittsburgh Model Center on Spinal Cord Injury  
DOE/NIDRR/University of Pittsburgh (H133N000019)  
Total cost award: \$1,875,000  
Principal Investigator: Michael L. Boninger, MD  
Investigator: David B. Gray, PhD  
Project Manager: Kerri A. Morgan, MSOT OTR/L
- 2000 – 2005 Independent Living Rehabilitation Research and Training Center  
DOE/NIDRR/University of Kansas (H133B000500)  
Total cost award: \$2,500,000  
Principal Investigator: Glen White, PhD  
Investigator: David B. Gray, PhD  
Project Manager: Kerri A. Morgan, MSOT OTR/L
- 2003 – 2003 Ergonomic Solutions for Employment for People with Mobility Impairments  
University of Michigan sub-contract from  
DOE/NIDRR (H133A010701)  
Total cost award: Total RERC award five years: \$4,000,000  
Total project award: \$85,250  
Principal Investigator: David B. Gray, Ph.D.  
Project Manager: Kerri A. Morgan, MSOT OTR/L
- 2000 - 2003 Development of a community health environment checklist  
Centers for Disease Control and Prevention (R04/CCR718778-01)  
Total cost award: \$960,000

Principal Investigator: David B. Gray, PhD  
Project Manager: Kerri A. Morgan, MSOT OTR/L

- 2000 – 2001 Mobility, disabilities, participation and environment extension  
Centers for Disease Control and Prevention (R04/CCR714134-03S)  
Total cost award - extension: \$79,400  
Principal Investigator: David B. Gray, PhD  
Project Manager: Kerri A. Morgan, MSOT OTR/L
- 1999 – 2003 Equiprecise measurement for the ICIDH2 classification of activity:  
An innovative solution for evaluating the worldwide incidence and prevalence of disability  
National Institute on Disability and Rehabilitation Research (H133G990167)  
Total cost award: \$450,000  
Principal Investigator: Craig Velozo, OTR, PhD  
Investigator: David B. Gray, PhD  
Project Manager: Kerri A. Morgan, MSOT OTR/L
- 1998 – 2000 Mobility, disabilities, participation and environment  
Centers for Disease Control and Prevention (R04/CCR714134)  
Total cost award: \$850,777  
Principal Investigator: David B. Gray, PhD  
Project Manager: Kerri A. Morgan, MSOT OTR/L

**18. CLINICAL/PRACTICE TITLE AND RESPONSIBILITIES**

2000-2005 Chief Occupational Therapist at the Enabling Mobility Center (community based assistive technology center). Assisted in developing a wheelchair seating clinic that billed for services. Performed assistive technology assessments and trainings. Assessments and trainings mostly performed with clients interested in obtaining power or manual wheelchairs. Also, trained to perform assessments and trainings for the Independence 4000 Mobility System (iBOT).

**19. TEACHING TITLE AND RESPONSIBILITIES**

**Courses currently taught:**

OT 5220 Supporting Participation with Technology and Environmental Interventions

OT 601, 602, 603, 604, 750, 751R, 752R Applied Clinical Research

**20. BIBLIOGRAPHY**

**a. Peer reviewed Manuscripts:**

1. Milgrom, R., Foreman, M., Standeven, J., Engsberg, J.R., & **Morgan, K.** (accepted). Reliability and Validity of the Microsoft Kinect for Assessment of Manual Wheelchair Propulsion: *Journal of Rehabilitation Research and Development*.
2. **Morgan, K.**, Tucker, S., Dashner, J., Walker, C., Garrett, L., Hollingsworth, H., & Gray, D. (under revision). Influence of a community-based exercise program on fitness, endurance and strength of mobility device users. *Disability and Health Journal*.
3. **Morgan, K. A.**, Tucker, S. M., Engsberg, J. R., & Klaesner, J. (2015). A motor learning approach to wheelchair training for new manual wheelchair users: A pilot study. *Journal of Spinal Cord Medicine*, 1-20.
4. **Morgan, K. A.**, Engsberg, J.R. & Gray, D.B. (2015). Wheelchair Skills for New Manual Wheelchair Users: Health Care Professional and Wheelchair User Perspectives. *Disability and Rehabilitation: Assistive Technology*, 1-11.
5. **Morgan, K. A.**, Engsberg, J. R., & Klaesner, J. (2015). The testing of an instrumented wheelchair propulsion testing and training device. *Journal of Physical Medicine, Rehabilitation & Disabilities*, 1:003, 1-9.
6. Will, K., Engsberg, J. R., Foreman, M., Klaesner, J., Birkenmeier, R., & **Morgan, K. A.** (2015). Repetition-based training for efficient propulsion in new manual wheelchair users. *Journal of Physical Medicine, Rehabilitation & Disabilities*, 1:001, 1-9.
7. Miller, L. C., Gottlieb, M., **Morgan, K.A.**, & Gray, D.B. (2014). Interviews with employed people with mobility impairments and limitations: Environmental supports impacting work acquisition and satisfaction. *WORK: A Journal of Prevention, Assessment, & Rehabilitation*, 48.
8. **Morgan, K. A.**, Gray, D.B., Gottlieb, M., Miller, L.C., & Hollingsworth, H.H. (2014). Mobility Device User Work Survey (MWS). *WORK: A Journal of Prevention, Assessment, & Rehabilitation*, 48.
9. Gray, D.B., **Morgan, K.A.**, Gottlieb, M., Miller, L.C., & Hollingsworth, H.H. (2014). Employed Mobility Device Users: Description of physical and social factors that impact work. *WORK: A Journal of Prevention, Assessment, & Rehabilitation*, 48.
10. Klaesner, J., **Morgan, K.A.**, & Gray, D. (2014). The development of an instrumented wheelchair propulsion testing and training device. *Assistive*



*Technology: The official Journal of RESNA*, 26, 24-32.

11. Julien, M.C., **Morgan, K.A.**, Stephens, C.L., Standeven, J., & Engsberg, J. (2013). Trunk and neck kinematics during overground manual wheelchair propulsion in persons with tetraplegia. *Disability and Rehabilitation: Assistive Technology*, 0, 1-6.
12. Goins, A. M. **Morgan, K.A.**, Stephens, C. L., & Engsberg. J. R. (2011). Elbow kinematics during overground manual wheelchair propulsion in individuals with tetraplegia. *Disability and Rehabilitation: Assistive Technology*, 6, 312-319.
13. Walker, K.A., Gray, D.B., Hollingsworth, H.H. & **Morgan, K.A.** (2010). Development of a community mobility skills course for persons who use mobility devices. *American Journal of Occupational Therapy*, 64, 547-554.
14. DeGroot, K., Hollingsworth, H., **Morgan, K.**, Morris, C. & Gray, DB. (2009). The influence of verbal training and visual feedback on manual wheelchair propulsion. *Disability and Rehabilitation: Assistive Technology*, 4, 86-94.
15. Gray, D.B., Dashner, J., **Morgan, K.**, Lyles, M., Scheller, M., Morris, C., & Hollingsworth, H.H. (2009). Influence of a consumer-directed personal assistance services program on the lives of persons with mobility impairments. *Disability and Health*, 2, 188-195.
16. Crawford, A., Hollingsworth, H.H., **Morgan, K.**, & Gray, D.B. (2008). People with Mobility Impairments: Physical Activity and Quality of Participation. *Disability and Health*, 1, 7 – 13.
17. Gray, D.B., Hollingsworth, H.H., Stark, S.L., & **Morgan, K.A.** (2008). A subjective measure of environmental facilitators and barriers to participation for people with mobility limitations. *Disability and Rehabilitation*, 30, 434-457.
18. Stark, S, Hollingsworth, H.H., **Morgan, K.**, & Gray, D.B. (2007). Development of a measure of receptivity of the physical environment. *Disability and Rehabilitation*, 29, 123 – 137.
19. Gray, D.B., Hollingsworth, H.H., Stark, S.L., & **Morgan, K.A.** (2006). Participation Survey/Mobility Psychometric Properties of a Measure of Participation for People with Mobility Impairments and Limitations. *Archives of Physical Medicine and Rehabilitation*, 87, 189-197.

20. Stark, S., Butterfield, T., **Morgan, K.**, & Gray, D. (2006). Understanding the environmental attributes that influence social participation using cognitive maps. *Disability and Society*, 26.
21. Gray D.B., **Morgan, K.A.**, & Hollingsworth, H.H. (2001). Independent living and assistive technology: Work context. *Rehabilitation Education*, 15, 353-364.

**b. Book Chapters:**

1. Perkinson, M., Hilton, C., **Morgan, K.** & Perlmutter, M., Therapeutic partnerships: Caregiving in the home setting, in *Ways of Living: Intervention Strategies to Enable Participation* (4<sup>th</sup> Ed), Christiansen, C. & Matuska, K., AOTA Press, Maryland, 2011.
2. Perkinson, M., LaVesser, P., **Morgan, K.** and Perlmutter, M., Therapeutic partnerships: Caregiving in the home setting, in *Ways of Living: Adaptive Strategies for Special Needs* (3<sup>rd</sup> Ed), Christiansen, C. & Matuska, K., AOTA Press, Maryland, 2004.

**c. Articles in Professional Magazines:**

1. **Morgan, K.**, & Tucker, S. Tips to Obtaining Mobility Devices. *MS Clinical Messenger*. Fall 2009.
2. **Morgan, K.** & Tucker, S. Adaptive Sports for Nonmilitary Clients. *OT Practice*. May 2007.

**d. Invited Papers:**

1. Gray, D.B., Stark, S.L., Bricout, J.C., **Morgan, K.A.**, Hollingsworth, H.H. Measures of Community Receptivity and Participation by People with Mobility Impairments. In G Andre (Ed.). *Handicap and Environment*, Institut Garches, Frison Roche, Paris, France, 2005.

**21. CONTINUING EDUCATION DEVELOPED AND PRESENTED**

Morgan, K., Dashner, J. Mobility Devices and Wheelchairs: Achieving a Best Fit. Continuing Education Workshop. St. Louis, MO, April 2005.

**22. SERVICE**

**a. Committee memberships**

2004-2009 St. Louis Assistive Technology Fair Planning Committee  
 2006-Present Lifebridge Partnership, St. Louis, MO  
 2010-Present Paraquad Board, St. Louis, MO  
 2011-Present Paraquad Executive Committee Member, St. Louis, MO  
 2011-Present Secretary, St. Louis Office on the Disabled Council, St. Louis, MO  
 2012-2015 Secretary, Lifebridge Partnership, St. Louis, MO

2012-2015 Program Committee Chair, Paraquad, St. Louis, MO  
2014-Present Co-Chair, Paraquad Fitness Project Committee  
2016-Present Paraquad, Board Chair

**b. Volunteer activities**

Team Captain, St. Louis Wheelchair Rugby, St. Louis, MO