

Curriculum Vitae

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Carla Wilson Walker

Contact Information

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Program in Occupational Therapy
Washington University School of Medicine
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Present Position

2024 - present Assistant Professor, Program of Occupational Therapy and Medicine
Washington University School of Medicine, St. Louis, MO

Education

Undergraduate

1994 BA; Rhodes College, Memphis, TN

Graduate

2000 MS; Washington University Program in Occupational Therapy, St. Louis, MO

2014 Doctorate in Occupational Therapy, Washington University Program in Occupational
Therapy, St. Louis, MO

Academic Positions / Employment

2001-2002 Staff Occupational Therapist, The Work Center, Inc., St. Louis, MO

2002-2005 Community Research Project Manager, Enabling Mobility Center (EMC), St. Louis, MO

2006-2011 Director of Assistive Technology, Paraquad Inc., St. Louis, MO

2011-2018 Clinical Specialist, Washington University Program in Occupational Therapy, St. Louis, MO

2018-present Advance Practice Clinician, Washington University Program in Occupational Therapy, St.
Louis, MO

2020-2023 Instructor, Program in Occupational Therapy
Washington University School of Medicine, St. Louis, MO

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Clinical Title and Responsibilities

- 2020-2024 Title: Instructor
Clinical Specialty Certification: Assistive Technology Professional
Responsibilities:
- Perform clinical assessment and intervention services as well as program development and outreach for seating and mobility, parenting and sexuality/intimacy programs.
 - Complete billable performance and assistive technology assessments in specialty areas.
 - Serve as course-master/mentor for the Spinal Cord Injury/Disease Health and Participation Program for un-insured and under-insured persons with spinal cord injury/disease., formerly the student-led experiential learning clinic (SELC), The Collaborative Community Clinic (CCC).
 - Serve as interventionist on several research grants under Kerri A. Morgan focusing on wheelchair skills, propulsion and exercise fitness.
 - Teach/Serve as course director (Biomechanics, Implementing PEOP in Practice, OTD Mentored Scholarship I-III) and assist in Evaluation and Intervention I & II – see below

Teaching Title and Responsibilities

Program in Occupational Therapy, Washington University School of Medicine

- 2022-present OT629 OT Course Director, Applied Strategies in Biomechanical Performance
- 2022-present OT642 Course Assistant, Evaluation and Intervention : Adults and Older Adults I
- 2021-present OT681 OT Course Director, Implementing PEOP in Practice
- 2020–present OT638/648/658, Course Director, OTD Mentored Scholarship I-III
- 2021-present OT652, Guest Instructor, Evaluation and Intervention: Adults and Older Adults II
- 2021 OT627, Co-Course Director, Enabling Community Living
- 2010-2017 OT 643/653, Tutor, Case-based Learning I & II (was “problem-based learning” 2010-2012)
- 2012-2014 OT 5264, Mentor, Community Health and Occupational Therapy
- 2014-2016 OT 5164, Mentor, Environmental Factors Facilitating Performance & Participation
- 2014-2016 OT 5120, Guest Lecturer, Contemporary Issues in OT Practice
- 2014-2020 OT605/606/607, Course Director, Applied Clinical Practice I-IV & Directed Research I-II
- 2020-2022 OT595, Course Director, MSOT Student Experiential Learning Clinic (SELC) Elective I-III

External Programs

- 2017 Guest speaker Massachusetts General Hospital Institute of Health Professions, Program in Occupational Therapy, “The Role of OT in Working with Parents with Disabilities”.

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2018 Guest speaker, Methodist University, Program in Occupational Therapy, “The Role of OT in Working with Parents with Disabilities”.

University, School of Medicine and Hospital Appointments and Committees

2009-present Community Advisory Board
Rehabilitation Institute of St. Louis

2017-2019 Community Advisory Committee Representative
Paraquad Health and Wellness Program

2018 Inter-professional Case Panel, Health Professional Student Leadership Council
Washington University School of Medicine

2017- 2022 1st year experience- session leader, Center for Inter-professional Education
Washington University School of Medicine

2020-present Admissions Committee, Program in Occupational Therapy,
Washington University School of Medicine

2022-present Inclusive OT Education Committee

2023 – present Competency Attainment Committee

Medical Licensure and Certification

2000-present National Board Certification
Registered Occupational Therapist
Certification number: 1050220

2000-present Board of Occupational Therapy
Missouri Board of Professional Registration
License number 2001000036

2003-present Specialty Certification as Assistive Technology Professional (ATP)
The Rehabilitation Engineering and Assistive Technology Society of North America

Honors and Awards

1994 Korsakov Award: Psychology Award for academics and service, Rhodes College

2014 OTD with Honors; Washington University Program in Occupational Therapy

National Panels, Committees, Boards

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2014- 2020 Parenting and Disability Committee
National Work Group

2015-2020 Clinician Task Force
American Occupational Therapy Association

Professional Societies and Organizations

2003-2012 Member, Rehabilitation Engineering and Assistive Technology Society of North America

2007-present Member, American Occupational Therapy Association member

Consulting Relationships and Board Memberships

2009 – present Community Advisory Board – Rehabilitation Institute of St. Louis

2017 – 2020 Community Advisory Committee- Paraquad Health and Wellness Center

Research Support

Governmental

2006-2009 Project Director
The Assistive Technology Reutilization Program for Independent Living
DOE/RSA Paraquad
\$554,539
Kerri A. Morgan, Principal Investigator

Non-governmental

2012-2013 Project Director
Parenting with a Physical Disability: Assessing the Need for Early OT Intervention and
Group Support
St. Louis Community-University Health Research Partnerships (CUHRP)
\$40,000
David B. Gray, Principal Investigator

2015-2016 Project Director
Development of a Self-Management Program for Parents with Spinal Cord Injury and Disease
Paralyzed Veterans of America Education Grant
\$50,000
Jessica Dashner, Principal Investigator

Trainee/Mentee/Sponsorship Record

2014 Sarah Brodie, *Pressure Relief Education for Wheelchair Users Living in the Community*

2016 Aaron Murray, *Development of the Seating and Mobility Resource Tool*

2015 Erica McNelly, *Evaluation of Client Satisfaction with Their Mobility Device and Related Services*

2017 Victoria (Tori) Courts, *Community Participation Among Mobility Device Users*

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- 2017 Joseph Wymore, *Differences in Mobility Device User's Perceived Effectiveness with New Mobility Devices by Funding Source*
- 2017 Maria Coronelli, *Enhancing Knowledge and Resource Availability in Mothers with Multiple Sclerosis*
- 2017 Mary Holowatuk, *Impact of a Parenting Self-Management Program for Parents with Spinal Cord Injury*
Co-mentored with Sue Tucker
- 2018 Danielle Kessler, *Evaluation on an Assessment Battery and Community Resource on Sexuality and Intimacy for Individuals with Spinal Cord Injury*
- 2018 Kathryn Sigmon, *Development of a Community-based Group Program on Sexuality and Intimacy for Adults with Spinal Cord Injury*
- 2018 Alexis Cirrincione, *Effectiveness of the Wheelchair Propulsion Test to measure outcomes of seating*
- 2018 Jessica Erb, *Wheelchair Skills Outcomes at the Washington University in St. Louis Seating*
- 2019 Brittany Libbey, *Parents with Spinal Cord Injury and Disease Promoting Developmentally Appropriate Activities*
- 2020 Leanna Namovic, *Development of a Student-Run Occupational Therapy Clinic and Resources on Adoption for Un/Under-Insured Individuals with SCI/D: A Case Series*
- 2020 Rachel Philipp, *Development of a Student-Run Occupational Therapy Clinic and Resources on Bowel/Bladder/Skin Management for Un/Under-Insured Individuals with SCI/D*
- 2020 Nina Sasser, *Safe Sex, Contraception, and Fertility Options for People with SCI: What Clients Want and the Role of OT in Ensuring Access to Knowledge and Services*
- 2021 Marisa Wanka, *Increasing awareness of Occupational Therapy's Role with New/Expectant Mothers with Acute and/or Chronic Conditions*
- 2021 Najiba Zaidova, *Development of a Manual for Inclusion of Individuals from Different Ethnic and Cultural Backgrounds in a Student-Run Clinic*
- 2022 Shelby Martin, *Improving Participation in the Collaborative Community Clinic (CCC) for Persons with SCI/D Through Remote Telehealth Options*
- 2022 Caroline Booth, *Increasing Knowledge and use of Trauma-Informed Care Practices in Student-led Clinics*
- 2022 Alicia Brueggemann, *Promoting Occupation-Based Solutions to Support Infant Feeding*

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2022 Meghan Ash, Katie Kohmetscher: *Supporting mental health needs through the Spinal Cord Injury and Disease Health and Participation Program: A self-management, community-based program.*

2023 Beth Clark, Hannah Tate: *Developing Programming on Menstruation, Body Image, and Sexuality for Adolescent Females with Spinal Cord Injury*

2023 Renata Franzoni, Yona Lindenbaum: *Identifying Evidence-Based Best Practices to Prepare Individuals with Spinal Cord Injury/Disease for Employment*

Bibliography

Original, peer reviewed articles in refereed journals

1. *Walker, C. W., Holowatuk, M., & Dashner, J. (2020). Pilot Study of a Self-Management Program for Parents with Spinal Cord Injury or Disease. *American Journal of Occupational Therapy*, 75(1), 7501205070p1-7501205070p10.
2. Rusek, C. T., Kleven, M., Walker, C., Walker, K., Heeb, R., & Morgan, K. A. (2021). Perspectives of inpatient rehabilitation clinicians on the state of manual wheelchair training: a qualitative analysis. *Disability and Rehabilitation: Assistive Technology*, 1-9.
3. Morgan, K., Taylor, K., Walker, C., Tucker, S., Dashner, J., & Hollingsworth, H. (2022). Mobility Disability and Exercise: Health Outcomes of an Accessible Community-Based Center. *Frontiers in rehabilitation sciences*, 3
4. Taff, S. D., Bachelani, S., Russell-Thomas, D. C., Tucker, S., Walker, C., & West-Bruce, S. (2023). Development and pilot of an educator training course for early career faculty. *Education in the Health Professions*, 6(2), 101-106.
5. Morgan, K.A., Taylor, K. L. Desai, R.H., Walker, K., Tucker, S., Walker, C.W., Hollingsworth, H., & Cade, W. T. (2024). Feasibility of a community-based structured exercise program for persons with spinal cord injury. *The Journal of Spinal Cord Medicine*, 1–13. <https://doi.org/10.1080/10790268.2023.2293327>

Invited Publications

1. Walker, K., Walker, C., & Bean-Kampwerth, L. (2012). One Solution to Assistive Technology Barriers: Assistive Technology Reutilization. *The American Occupational Therapy Association: Technology Special Interest Section Quarterly*, 22 (3).
2. Walker, C.W., Pitonyak, J. S., Ramsdell, K., & Rogers, J.G. (2016). Advocacy Interventions With Parents with Developmental Disabilities: An Innovative Role for Occupational Therapy, *The American Occupational Therapy Association: SIS Quarterly Practice Connections*, 1(1).
3. Tucker, S. M., Walker, C.W., Taylor, K. T., Walker, K.A., & Morgan, K. (2017). Evaluation Considerations in a Community-Based Seating and Mobility Clinic, *The American Occupational Therapy Association: SIS Quarterly Practice Connections*, 2 (1).
4. Ellis, K., Walker, C., & Schmidt, E. Interventions for Intimacy and Sexual Occupations. Ellis, K., & Ungco, J. C. (Eds.). (2023). *Sexuality and intimacy: An occupational therapy approach*. AOTA Press

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Invited Presentations

1. Morgan, K. & **Walker, C.** (2007, April). Measuring Meaningful Assistive Technology Outcomes, Technology SIS Roundtable. American Occupational Therapy Association, St. Louis, MO.
2. Morgan, K., **Walker, C.** (2007, May). Data Collection Systems and Outcomes, Annual Conference of RSA-Funded Reutilization Programs, Denver, CO.
3. Morgan, K., **Walker, C.** (2007, May). Data Collection Systems and Outcomes, Annual Conference of RSA-Funded Reutilization Programs, Denver, CO.
4. Tucker, S.& **Walker, C.** (2007, September). Grand Rounds, SSM Rehab, Promoting Independent Living for People with Disabilities. St. Louis, MO
5. Morgan, K.& **Walker, C.** (2008, January). St. Louis Outcome Evaluation Network Agency Committee Meeting, Evidence-Based Practice and Outcomes, St. Louis, MO.
6. Walker, K., Freehill, M., & **Walker, C.** (2008, February). Inventory Storage and Database Tracking, Pass It On Center, Webinar Series.
7. **Walker, C.** (2008, October). Resources for Parents of Children with Disabilities, Fontbonne University, St. Louis, MO.
8. **Walker, C.**, Morgan K., & Bean, L. (2009, April). Assistive Technology Reutilization: Improving Access to Consumers, Missouri Assistive Technology Council Power Up Conference, Columbia, MO.
9. Berg, C., Jaegers, L, Neufeld, P, Schmidt, S, **Walker, C.** (2009, October). Missouri Occupational Therapy Association OT Community Practice Panel, St. Louis, MO.
10. **Walker, C.** (2017, April). Role of Occupational Therapy in Working with Parents with Disabilities, Massachusetts General Hospital Institute of Health Professions, Program in Occupational Therapy, Boston, MA

Peer Reviewed Presentations

1. Morgan, K., **Walker, C.**, & Walker, K. (2007, April). Mobility Device Skills Assessment and Training, Power Up Annual Conference, Columbia, MO.
2. Neufeld, P., Morgan, K., Perlmutter, M., & **Walker, C.** (2007, April). Technology in Home and Community: Community Mobility, Independence with Low Vision, and Older Adult Social Engagement, American Occupational Therapy Association Annual Conference, Special Interest Section Workshop, St. Louis, MO.
3. **Walker, C.** (2008, January). Assistive Technology Reutilization Program for Independent Living, Assistive Technology Industry Association Annual Conference, Orlando, FL.
4. **Walker, C.**, Persaud, L., Phillips, C. (2009, January). How to Coordinate an Assistive Technology Conference in YOUR State, Assistive Technology Industry Association, Orlando, FL.

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5. Morgan, K., **Walker, C.** (2009, January). Assistive Technology Reutilization Program for Independent Living: Research Outcomes, Assistive Technology Industry Association Conference, Orlando, FL.
6. **Walker, C.**, Kampwerth, L., Lyle, M. (2010, April). Leisure and Recreation: Assistive Devices, Missouri Assistive Technology Power Up Conference, St. Louis, MO.
7. **Walker, C.** (2010, May). Promoting Independence Through Assistive Technology, Aging with Disabilities, Disabilities Conference, St. Louis, MO.
8. Phillips, C., Gressman, T., Huwe, K., & **Walker, C.** (2010, July). Pass It On: Solutions and Strategies for Reutilizing Assistive Technology, National Council on Independent Living Conference, Washington D.C.
9. Tucker, S., **Walker, C.**, Hawkins-Chernof, B. (2012, November). Missouri Occupational Therapy Association: Assistive Technology for Young Adults with Physical Disabilities Transitioning to Work/College, Missouri Occupational Therapy Association, Lake of the Ozarks, MO.
10. Tucker, S., **Walker, C.**, Hawkins-Chernof, B. (2012, November). Assistive Technology for Young Adults with Physical Disabilities Transitioning to Work/College, Missouri Occupational Therapy Association, Lake of the Ozarks, MO.
11. **Walker, C.**, Dashner, J. (2013, November). Facilitators and Barriers of Parents with Physical Disabilities using Mobility Devices, Missouri Occupational Therapy Association, St. Louis, MO.
12. **Walker, C.**, Dashner, J. (2014, April). Parenting with a Physical Disability: Occupational Therapy Implications for Intervention, American Occupational Therapy Association, Baltimore, MD.
13. Bender, M., Tucker, S., **Walker, C.** (2015, February). Approach in a Community-Based Seating Clinic, International Seating Symposium, Nashville, TN.
14. Ramsdell, K., **Walker, C.**, Rogers, J. (2018, April). Parenting and Disability: The Often Neglected Area of Practice, American Occupational Therapy Association, Salt Lake City, UT.
15. Morgan, K., Taylor, K., Tucker, S., **Walker, C.**, Bean-Kamperth, Lindsey, Smith, M., Hollingsworth H. (2018). A community-based exercise program for individuals with a mobility disability, American Congress of Rehabilitation Medicine Annual Conference., Dallas, TX.

Co-Author of Peer Reviewed Poster Presentations

1. Tucker, S. **Walker, C.** & Hawkins-Chernof, B. (2013). Assistive Technology for Young Adults with Physical Disabilities transitioning to work/college. AOTA Conference.
2. Namovic, L., Philipp, R. & **Walker, C.** (2020). Piloting a Student-Run Free Clinic for Community-Dwelling Adults with Spinal Cord Injury & Disease. AOTA Conference-*Accepted, but Conference cancelled due to Covid-19*
3. Wanka, M., Walker, C., and Hubbuck, M. (2021). Occupational Therapy's Role Supporting New and Expectant Mothers with Occupational Performance Difficulties. AOTA Conference.
4. Sasser, N. and Walker, C. (2021). Safe Sex, Contraception, and Fertility Options for People with SCI: What Clients Want and the Role of OT in Ensuring Access to Knowledge and Services. AOTA Conference.

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5. Zaidova, N. and Walker, C. (2021). Increasing the Inclusion of Student-Run Clinics. Student-Run Free Clinic Conference.
6. Walker, C. and Ash, M., Kohmetscher, K. (2022). Supporting mental health needs through the Spinal Cord Injury and Disease Health and Participation Program: A self-management, community -based program. Student-Run Free Clinic Conference.