# CURRICULUM VITAE Dominique L. Kinnett-Hopkins

#### **Institutional Address**

School of Kinesiology, University of Michigan

Office 2245, 830 University Ave., Ann Arbor, MI 48109

Work: 734-647-5484 e-mail: dlkh@umich.edu

## **Education**

2013 – 2017	University of Illinois at Urbana – Champaign, Ph.D., Kinesiology
2010 – 2013	University of Illinois at Urbana – Champaign, B.S., Psychology

# **Professional Positions**

#### **Assistant Professor**

2021 – Current University of Michigan

School of Kinesiology

#### **Research Assistant Professor**

2019 – 2021 Feinberg School of Medicine, Northwestern University

Department of Physical Medicine and Rehabilitation

#### **Post-Doctoral Fellowship Appointment**

2017 – 2019 Feinberg School of Medicine, Northwestern University - Integrated

Fellowship in Health Services & Outcomes Research

Center for Education in Health Sciences

#### **Graduate Research Assistant**

2013 – 2017 Department of Kinesiology & Community Health

**Exercise Neuroscience Laboratory** 

University of Illinois, Urbana-Champaign

# **Graduate Teaching Assistant**

Department of Kinesiology & Community Health

2016 – 2017 Course Instructor: KIN 122 Physical Activity and Health (online)

2013 – 2016 KIN 122: Physical Activity and Health (lecture)
2014 KIN 448: Exercise and Health Psychology (lecture)

#### **Awards and Honors**

June 2020 Second Place Jr. Physician & Jr. Scientist Sarah Baskin Award

Recipient, Shirley Ryan AbilityLab

November 2019	Third Place Poster Presentation Award – Tykeson Fellows Conference, National Multiple Sclerosis Society
September 2018	American Congress of Rehabilitation Medicine Meeting – National Institute on Disability, Independent Living, and Rehabilitation Research, Advanced Rehabilitation Research and Training Fellow in the Young Investigators Symposium, Dallas, TX
June 2017	Consortium of Multiple Sclerosis Centers – Whitaker Award Finalist, New Orleans, LA
April 2016	The Graduate College – Academic Excellence and Good Citizenship. Champaign, IL
April 2014	The Graduate College – Service Award. Champaign, IL

# **Certificates**

2016	Certificate in Foundations of Teaching. Center for Innovation in
	Teaching and Learning. University of Illinois Urbana-Champaign
2013 – Current	Neurostatus Certification Level C
2012 – Current	First Aid Cardiopulmonary Resuscitation, Automated External
	Defibrillator Certification

# **Professional Membership**

2019 – Current	American College of Rheumatology
2017 – Current	American Congress of Rehabilitation Medicine
2017 – Current	Academy Health
2016 – Current	Society of Behavioral Medicine
2016 – Current	American College of Sports Medicine
2013 – Current	National Multiple Sclerosis Society
2013 – Current	The Consortium of Multiple Sclerosis Centers

# <u>Service</u>

2021 – Current 2020 – Current	Reviewer – <i>Topics in Stroke Rehabilitation</i> Member - Diversity, Equity, and Inclusion Committee, Department of Physical Medicine and Rehabilitation, Feinberg School of Medicine
2019 – Current	Reviewer – Doody Enterprises
2019 – 2020	Special Education Volunteer Instructor of Capoeira – Carl Schurz High School
2018 – Current	Reviewer – Disability and Rehabilitation
2018 – Current	Reviewer – Disability and Health Journal
2017 – Current	Volunteer at the Shirley Ryan AbilityLab Adaptive Sports + Fitness
	Program
2016 – 2017	Board Member - Students Advising on Graduate Education (SAGE)

#### **Funded Grants**

- Principal Investigator (Gary S. Gilkeson Career Development Award, 2020-2022)
   A Progressive Home-Based Exercise Intervention for Persons with Systemic Lupus Erythematosus. *Lupus Foundation of America*, \$140,000
- 2. Diversity Leadership Associate (P2C, 2020-2025) Center for Smart Use of Technology to Assess Real-World Outcomes (C-STAR). National Institute of Child Health and Human Development (NICHD) and National Institute of Neurological Diseases and Stroke (NINDS), \$3,721,750
- 3. Principal Investigator (Research Supplements to Promote Diversity in Health-Related Research, 2019-2021) Evaluation of the Social Cognitive Correlates of Physical Activity in Systemic Lupus Erythematosus and Assessing the Acceptability of the Lupus Intervention Fatigue Trial. *National Institute of Arthritis and Musculoskeletal and Skin Diseases*, \$253,263
- 4. Principal Investigator (Northwestern Medicine Enterprise Data Warehouse Pilot Data Program, 2018-2019) Disease characteristics and healthcare utilization patterns in advantaged and disadvantaged patients with multiple sclerosis at Northwestern Medicine, Northwestern University Clinical and Translational Sciences Institute. \$900
- Principal Investigator (Postdoctoral Fellowship Award, 2018-2020). Disease characteristics and healthcare utilization patterns in advantaged and disadvantaged patients with multiple sclerosis. *National Multiple Sclerosis* Society, \$58,476

#### **Published Manuscripts**

- 1. Adamson, B., **Kinnett-Hopkins, D.,** Atharia, N., Sebastiao, E. (2020) The Experiences of Inaccessibility and Ableism Related to Physical Activity: A Photoelicitation Study Among Individuals with Multiple Sclerosis. *Disability and Rehabilitation*.
- Kinnett-Hopkins, D., Mummidisetty, C. K., Ehrlich-Jones, L., Crown, D., Bond, R., Applebaum, M., Jayaraman, A., Furbish, C., Forrest, G., Field-Fote, G., Heinemann, A. (2020) Users with Spinal Cord Injury Experience of Robotic Locomotor Exoskeletons: A Qualitative Study of the Benefits, Limitations, and Recommendations. *Journal of NeuroEngineeting and Rehabilitation* https://doi.org/10.1186/s12984-020-00752-9
- 3. Ehrlich-Jones, L., Crown, D., **Kinnett-Hopkins, D.,** Field-Fote, E., Furbish, C., Mummidisetty, C. K., Bond, R., Forrest, G., Jayaraman, A., Heinemann, A. (2020) Clinical Perceptions of Robotic Exoskeletons for Locomotor Training Following Spinal Cord Injury: A Qualitative Approach. *Archives of Physical Medicine and Rehabilitation*. https://doi.org/10.1016/j.apmr.2020.08.024
- 4. Heinemann, A. W, **Kinnett-Hopkins, D.,** Mummidisetty, C. K., Bond, R., Ehrlich-Jones, L., Furbish, C., Field-Fote, E., & Jayaraman, A. (2020). Appraisals of

- Robotic Locomotor Exoskeletons for Gait: Focus Group Insights from Potential Users with Spinal Cord Injuries. *Disability and Rehabilitation: Assistive Technology*. <a href="https://doi.org/10.1080/17483107.2020.1745910">https://doi.org/10.1080/17483107.2020.1745910</a>
- Kinnett-Hopkins, D., Motl, R., (2019). Preferences for exercise among black individuals with multiple sclerosis. *Multiple Sclerosis Journal: Experimental, Translational and Clinical <u>https://doi.org/10.1177/2055217319834715</u>*
- Kinnett-Hopkins, D., & Motl, R. (2018). Results of a feasibility study of a patient informed, racially tailored home-based exercise program for black persons with multiple sclerosis. *Contemporary Clinical Trials*, 75, 1–8. http://doi.org/10.1016/j.cct.2018.10.009
- 7. Scheidler, A. M., **Kinnett-Hopkins, D.**, Learmonth, Y. C., Motl, R., & Lopez-Ortiz, C. (2018). Targeted ballet program mitigates ataxia and improves balance in females with mild-to-moderate multiple sclerosis. *PloS One*, *13*(10), e0205382. http://doi.org/10.1371/journal.pone.0205382
- 8. Learmonth, Y. C., **Kinnett-Hopkins, D**., & Motl, R. W. (2018). Capitalising on the opinions of persons with multiple sclerosis to inform the main trial participant opinions from participation in a feasibility study, a qualitative extension study. *Disability and Rehabilitation*, 1–8. <a href="http://doi.org/10.1080/09638288.2018.1490823">http://doi.org/10.1080/09638288.2018.1490823</a>
- 9. **Kinnett-Hopkins, D.,** Learmonth, Y., Hubbard, E., Pilutti, L., Roberts, S., Fanning, J., ... Motl, R. (2017). The interpretation of physical activity, exercise, and sedentary behaviours by persons with multiple sclerosis. *Disability and Rehabilitation*, 1–6. <a href="http://doi.org/10.1080/09638288.2017.1383519">http://doi.org/10.1080/09638288.2017.1383519</a>
- Motl, R. W., Hubbard, E. A., Bollaert, R. E., Adamson, B. C., Kinnett-Hopkins, D., Balto, J. M., ... McAuley, E. (2017). Randomized controlled trial of an elearning designed behavioral intervention for increasing physical activity behavior in multiple sclerosis. *Multiple Sclerosis Journal Experimental, Translational and Clinical*, 3(4), 2055217317734886. <a href="http://doi.org/10.1177/2055217317734886">http://doi.org/10.1177/2055217317734886</a>
- 11. Ensari, I., Kinnett-Hopkins, D., & Motl, R. W. (2017). Social cognitive correlates of physical activity among persons with multiple sclerosis: Influence of depressive symptoms. *Disability and Health Journal*, *10*(4), 580–586. <a href="http://doi.org/10.1016/j.dhjo.2017.03.006">http://doi.org/10.1016/j.dhjo.2017.03.006</a>
- 12. **Kinnett-Hopkins, D.,** Adamson, B., Rougeau, K., & Motl, R. W. (2017). People with MS are less physically active than healthy controls but as active as those with other chronic diseases: An updated meta-analysis. *Multiple Sclerosis and Related Disorders*, *13*, 38–43. http://doi.org/10.1016/j.msard.2017.01.016
- 13. Dysterheft, J., Rice, I., Learmonth, Y., **Kinnett-Hopkins, D.**, & Motl, R. (2017). Effects of Daily Physical Activity Level on Manual Wheelchair Propulsion Technique in Full-Time Manual Wheelchair Users During Steady-State Treadmill Propulsion. *Archives of Physical Medicine and Rehabilitation*, 98(7), 1374–1381. <a href="http://doi.org/10.1016/j.apmr.2017.01.007">http://doi.org/10.1016/j.apmr.2017.01.007</a>
- Learmonth, Y. C., Adamson, B. C., Kinnett-Hopkins, D., Bohri, M., & Motl, R. W. (2017). Results of a feasibility randomised controlled study of the guidelines for exercise in multiple sclerosis project. *Contemporary Clinical Trials*, *54*, 84–97. <a href="http://doi.org/10.1016/j.cct.2016.11.012">http://doi.org/10.1016/j.cct.2016.11.012</a>
- 15. **Kinnett-Hopkins, D.**, Grover, S. A., Yeh, E. A., & Motl, R. W. (2016). Physical activity in pediatric onset multiple sclerosis: Validating a questionnaire for clinical

- practice and research. *Multiple Sclerosis and Related Disorders*, *10*, 26–29. <a href="http://doi.org/10.1016/j.msard.2016.08.010">http://doi.org/10.1016/j.msard.2016.08.010</a>
- 16. Grover, S. A., Sawicki, C. P., **Kinnett-Hopkins, D.**, Finlayson, M., Schneiderman, J. E., Banwell, B., ... Yeh, E. A. (2016). Physical Activity and Its Correlates in Youth with Multiple Sclerosis. *The Journal of Pediatrics*, *179*, 197–203.e2. <a href="http://doi.org/10.1016/j.jpeds.2016.08.104">http://doi.org/10.1016/j.jpeds.2016.08.104</a>
- 17. **Kinnett-Hopkins**, **D.**, & Motl, R. W. (2016). Social Cognitive Correlates of Physical Activity in Black Individuals With Multiple Sclerosis. *Archives of Physical Medicine and Rehabilitation*, 97(4), 590–595. http://doi.org/10.1016/j.apmr.2015.12.011
- 18. Balto, J. M., **Kinnett-Hopkins, D. L.**, & Motl, R. W. (2016). Accuracy and precision of smartphone applications and commercially available motion sensors in multiple sclerosis. *Multiple Sclerosis Journal Experimental, Translational and Clinical* http://doi.org/10.1177/2055217316634754
- Adamson, B. C., Learmonth, Y. C., Kinnett-Hopkins, D., Bohri, M., & Motl, R. W. (2016). Feasibility Study Design and Methods for Project GEMS: Guidelines for Exercise in Multiple Sclerosis. *Contemporary Clinical Trials*, 47, 32–39. http://doi.org/10.1016/j.cct.2015.12.002
- 20. Klaren, R. E., Sebastiao, E., Chiu, C.-Y., Kinnett-Hopkins, D., McAuley, E., & Motl, R. W. (2016). Levels and Rates of Physical Activity in Older Adults with Multiple Sclerosis. *Aging and Disease*, 7(3), 278–84. <a href="http://doi.org/10.14336/AD.2015.1025">http://doi.org/10.14336/AD.2015.1025</a>
- 21. Motl, R. W., Learmonth, Y. C., Wójcicki, T. R., Fanning, J., Hubbard, E. A., **Kinnett-Hopkins, D.**, ... McAuley, E. (2015). Preliminary validation of the short physical performance battery in older adults with multiple sclerosis: secondary data analysis. *BMC Geriatrics*, *15*,157. http://doi.org/10.1186/s12877-015-0156-3
- 22. Yeh, E. A., **Kinnett-Hopkins, D.**, Grover, S. A., & Motl, R. W. (2015). Physical activity and pediatric multiple sclerosis: Developing a research agenda. *Multiple Sclerosis (Houndmills, Basingstoke, England)*, *21*(13), 1618–1625. http://doi.org/10.1177/1352458515606526
- 23. McAuley, E., Wojcicki, T. R., Learmonth, Y. C., Roberts, S. A., Hubbard, E. A., **Kinnett-Hopkins, D.**, ... Motl, R. W. (2015). Effects of a DVD-delivered exercise intervention on physical function in older adults with multiple sclerosis: A pilot randomized controlled trial. *Multiple Sclerosis Journal Experimental, Translational and Clinical*, 1, 2055217315584838. http://doi.org/10.1177/2055217315584838
- 24. Learmonth, Y. C., **Kinnett-Hopkins, D**., Rice, I. M., Dysterheft, J. L., & Motl, R. W. (2016). Accelerometer output and its association with energy expenditure during manual wheelchair propulsion. *Spinal Cord*, *54*(2), 110–114. <a href="http://doi.org/10.1038/sc.2015.33">http://doi.org/10.1038/sc.2015.33</a>
- 25. Wojcicki, T. R., Roberts, S. a., Learmonth, Y. C., Hubbard, E. a., **Kinnett-Hopkins, D.**, Motl, R. W., & McAuley, E. (2014). Improving physical functional and quality of life in older adults with multiple sclerosis via a DVD-delivered exercise intervention: a study protocol. *BMJ Open*, *4*(12), e006250–e006250. <a href="http://doi.org/10.1136/bmjopen-2014-006250">http://doi.org/10.1136/bmjopen-2014-006250</a>

# Manuscripts Under Review

- Wong, J., Engel, E., Kinnett-Hopkins, D.L., Burns, J., Ehrlich-Jones, L. (under review). The effect of promoting physical activity through motivational interviewing on motor functioning and balance for people with Parkinson's disease: A randomized controlled trial. *Complimentary Therapies in Clinical Practice*
- 2. Engel, E., Eisenstein, A., **Kinnett-Hopkins, D.**, Todd, A., Bega, D., Ehrlich-Jones, L. (under review). Development of an Exercise Web-Based Motivational Interviewing Behavioral Intervention for Persons with Parkinson's Disease: A Qualitative Study. *Health Promotion Practice*

## **Published Book Chapters**

Scheidler, A. M., Tisha, A. L., **Kinnett-Hopkins, D. L.**, Learmonth, Y. C., Motl, R., & López-Ortiz, C. (2017). Targeted Dance Program for Improved Mobility in Multiple Sclerosis. *In Converging Clinical and Engineering Research on Neurorehabilitation II* (pp. 1073-1077). Springer International Publishing.

## **Presentations & Invited Talks**

**Kinnett-Hopkins, D.,** Prioritizing Patient Safety while Maintaining Study Integrity during COVID-19: Lupus Intervention Fatigue Trial Modifications and Lessons Learned. American College of Rheumatology. Virtual Conference. *November 2020.* 

**Kinnett-Hopkins, D.,** Race and Health. Oakland University, Detroit, MI. November 2020. (Invited Presentation)

**Kinnett-Hopkins, D.,** Clinical Psychology – Working with People with Disabilities. *Chicago, IL, March 2020.* (Invited Presentation)

**Kinnett-Hopkins, D.,** Disease Characteristics and Healthcare Utilization of Advantaged and Disadvantaged Persons with Multiple Sclerosis. *Atlanta, GA, November 2019.* 

**Kinnett-Hopkins, D.**, Race & Healthcare – Why is it so complicated? Oakland University, Detroit, MI. November 2019. (Invited Presentation).

**Kinnett-Hopkins, D.,** Wonder Woman Wednesday Panelist. *Young Women's Leadership Charter School, Chicago, IL. March 2019.* (Invited Presentation).

**Kinnett-Hopkins, D.,** & Motl, R.W., Feasibility of a patient informed, racially tailored home-based exercise program for blacks with multiple sclerosis. *American Congress of Rehabilitation Medicine, Dallas, TX. September 2018.* 

- **Kinnett-Hopkins, D.,** & Motl, R.W., The feasibility of a patient informed, racially tailored home-based exercise program for blacks with multiple sclerosis. *Academy Health, Seattle, Washington. June 2018.*
- **Kinnett-Hopkins, D. L.** & Motl, R. W. Patient opinions on the design of a racially tailored exercise intervention for black individuals with multiple sclerosis. *Society of Behavioral Medicine. San Diego, California March 2017.*
- **Kinnett-Hopkins, D. L.** & Motl, R. W. Feasibility of a patient informed, racially tailored, home-based exercise intervention for black individuals with multiple sclerosis. *Consortium of Multiple Sclerosis Centers. New Orleans, Louisiana June 2017.*
- **Kinnett-Hopkins, D. L.,** Motl, R. W., Hubbard, E. A., McAuley, E., Pilutti, L. A., & Learmonth, Y. C. The meaning of physical activity, exercise, and sedentary behavior in persons with multiple sclerosis. *Consortium of Multiple Sclerosis Centers. National Harbor, Maryland June 2016.*
- **Kinnett-Hopkins, D. L.,** & Motl, R. W. Social-cognitive determinants of physical activity in African Americans with multiple sclerosis. *Consortium of Multiple Sclerosis Centers. Indianapolis, IN, May 2015.*
- **Kinnett-Hopkins D.L.,** & Motl R.W. Social cognitive determinants of physical activity in African-Americans with multiple sclerosis. *Northwestern University's 18<sup>th</sup> Annual Graduate Research Conference*. Evanston, IL, April 2015.
- **Kinnett-Hopkins D.L.,** Motl R.W. Do Demographic and Clinical Variables Predict Change in Physical Activity Over Time in Persons with RRMS? *Consortium of Multiple Sclerosis Centers*. Dallas, TX, May 2014.
- **Kinnett-Hopkins D.L.,** Motl R.W. Do Demographic and Clinical Variables Predict Change in Physical Activity Over Time in Persons with RRMS? *University of Illinois at Urbana-Champaign Community of Scholars Research Symposium.* Champaign, IL, March 2014.