**Lyndsie M. Koon, Ph.D.**

Position: Assistant Research Professor, Associate Director,

Research and Training Center on Independent Living

Life Span Institute

University of Kansas

Email: lyndsiek@ku.edu Phone: (785)864-1611

Courtesy Assistant Professor, Health, Sport, & Exercise Science

Affiliate Faculty Member, University of Kansas Medical Center

Office Address: 1000 Sunnyside Ave.

Dole Human Development Center

Lawrence, KS, 66045

Telephone: Office (785)864-1611

Cell (870)974-2760

Education: 2012 - 2016

 Ph.D. Sport and Exercise Science

Doctorate Major - Social Psychology of Sport & Physical Activity

 Doctorate Minor - Applied Statistics and Research Methods

Dissertation: *The Influence of Participation in Socially Engaging or Complex Physical Activities on Executive Function among Older Adults*

 Graduate Teaching Assistant

 School of Sport and Exercise Science

 College of Natural and Health Sciences

 University of Northern Colorado

 Greeley, CO 80639

 2007

 M.S.

 University of Memphis

 Memphis, TN

 Exercise Science

 2005

 B.S.

 Arkansas State University

 Jonesboro, AR

 Exercise Science

Academic Work Experience: 2017-2019

 Post-Doctoral Research Associate

 Human Factors & Aging Laboratory

 Kinesiology & Community Health

 Applied Behavioral Health

 University of Illinois, Urbana-Champaign

 2012-2016

 University of Northern Colorado

 School of Sport & Exercise Science

 Teaching Assistant, upper level undergraduate and activity courses

 2006-2007

 University of Memphis

 School of Exercise Science

Research Assistant

Motor Learning Laboratory: Yuhua Li, Ph.D., Professor, Health Studies, University of Memphis

Sport & Exercise Psychology Laboratory: Mary Fry, Ph.D., Associate Professor, Health, Sport & Exercise Sciences, University of Kansas

Non-Professional Work Experience: 2006-2012

 University of Memphis

 Memphis, TN

 Personal Training (Faculty/Staff, Students, Special Populations)

 Group Fitness Instructor / Fitness Assessments

 2006-2012

 Collierville Soccer Association

 Collierville, TN

 Soccer Coach / College Soccer Counselor / Technical Trainer

 TOPSoccer Program Volunteer (The Outreach Program for Soccer)

 2005-2006

 Lyon College

 Batesville, AR

 NAIA Assistant Coach – Men’s & Women’s Soccer Program

Area of Specialization: Social psychology of physical activity and exercise, disability, cognitive function, aging, aging with/into disability, technology, motivation.

Research Areas/Interests: Exercise and physical activity engagement for people with disability across a lifespan, cognitive function and older adult populations; technology potential to support motivation for physical activity in older adult populations; everyday challenges and solutions of adults aging with sensory or mobility impairments; promotion of psychosocial development through exercise and physical activity across a lifespan for individuals with and without disability.

**Publications**

**Koon, L**., Greiman, L., Schulz, J., Goddard, K., Nzuki, I., & Hall, J. P. (2021). Examining the effects of the COVID-19 pandemic on community participation for people with mobility disabilities. *Disability and Health Journal*. 101212. doi: https://doi.org/10.1016/j.dhjo.2021.101212.

Greiman, L., **Koon, L**., Schulz, J. A., & Nary, D. (2021). A usable home: A qualitative investigation of the relationship between home usability and community participation for people with disabilities. *Disability and Health Journal*, 101211. doi: https://doi.org/10.1016/j.dhjo.2021.101211

Remillard, E. T., Campbell, M. L., **Koon, L. M.,** & Rogers, W. A. (2021). Transportation challenges for persons aging with mobility disability: Qualitative insights and policy implications. *Disability and Health Journal*, 101209. <https://doi.org/10.1016/j.dhjo.2021.101209>

Schulz, J. A., Ramaswamy, M., Collie-Akers, V., Jordan, S., **Koon, L. M**., & Tryanski, R. (2021). Understanding the Impact of an Integrated Crisis Team: A Qualitative Study of Emergency Department Staff. *Community Mental Health Journal*, 1-10.

**Koon, L. M**., Remillard, E. T., Mitzner, T. L., & Rogers, W. A. (2020). Aging Concerns, Challenges, and Everyday Solution Strategies (ACCESS) for adults aging with a long-term mobility disability. *Disability and Health Journal*, *13*(4), 100936.

Nie Q., **Koon, L. M**., Khamzina, M. & Rogers, W. A., (2020) Understanding exercise challenges and barriers for older adults with mobility disabilities. *Proceedings of the Human Factors and Ergonomics Society Annual Meeting.* 2020;64(1):1297-1301.

Blocker, K. A., Kadylak, T., **Koon, L. M**., Kovac, C. E., & Rogers, W. A. (2020, December). Digital Home Assistants and Aging: Initial Perspectives from Novice Older Adult Users. In *Proceedings of the Human Factors and Ergonomics Society Annual Meeting* (Vol. 64, No. 1, pp. 1367-1371). Sage CA: Los Angeles, CA: SAGE Publications.

**Koon, L. M.,** Khaleighi, R., Blocker, K. A., Rogers, W. A., & Sreenivas, R. S. (2020)On integrating voice-activated digital assistants with smart home technologies to support people with long-term mobility disabilities: Needs assessment, product-selection, and implementation.*Proceedings of the International Conference on Industrial Engineering and Operations Management.*

**Koon, L. M**., Brustad, R. J., & Babkes Stellino, M. (2019). Social Engagement and Task Complexity: Physical Activity Characteristics and Executive Function among Older Adults. *OBM Integrative and Complementary Medicine. Special Issue: Research of Exercise and Cognitive Function*, *4, 18*.

**Koon, L. M**., McGlynn, S. A., Blocker, K. A., & Rogers, W. A. (2019). Perceptions of Digital Assistants from Early Adopters Aged 55+. *Ergonomics in Design*. 28, no. 1: 16-23.

Mois, G., Mackin, T., Datta, A., **Koon, L**., Rogers, W. A., Mitzner, T. L., & Beer, J. M. (2019) Perceptions from People Aging with a Mobility Impairment towards using Tele-Technology for Exercise*. Proceedings of the Human Factors and Ergonomics Society Annual Meeting.* (Vol. 63, No. 1, pp. 11-15). Sage CA: Los Angeles, CA: SAGE Publications.

**Koon, L.M.**, Brustad, R.J., Babkes Stellino, M. (2017). A taxonomy to aid in the design of complex physical activities for older adults. *Proceedings of the Human Factors and Ergonomics Society Annual Meeting*. (Vol. 61, No. 1, pp. 21-25). Sage CA: Los Angeles, CA: SAGE Publications.

Davies, M., **Koon (Coleman), L.M.**, & Babkes Stellino, M. (2016). The relationship between basic psychological need satisfaction and behavioral regulation in CrossFit. *The Journal of Sport Behavior*, *39(3),* 239.

Davies, M.J., Babkes Stellino, M., Nichols, B.A., & **Coleman, L.M**. (2015) Other-initiated motivational climate and youth hockey players’ good and poor sport behaviors. *Journal of Applied Sport Psychology*, 1-19.

Li, Y., Coleman, D., Ransdell, M., **Coleman (Koon), L**., Irwin, C. (2014). The effect of a sport stacking intervention on handwriting with second grade students. The Physical Educator, 71(1), 101-113.

Li, Y., Coleman, D., Ransdell, M., Irwin, C., **Coleman (Koon), L**. (2011). Sport stacking activities in school children’s motor skill development. *Perceptual and Motor Skills*, *113(2),* 431-438.

**Publications (in preparation and submitted)**

Beer, J., Mackin, T., Mois, G., **Koon, L. M**., Datta, A., Mitzner, T. L., & Rogers, W.A., (under review) User attitudes and implementation requirements of a tele-exercise intervention for people aging with lower body mobility impairment.

**Koon, L. M.,** Nzuki, I., & Hall, J. P. (in prep).High-intensity functional training: Effects on functional independence and psychological well-being among adults with disability.

**Koon, L. M**., Bondarowicz, A., & Rogers, W. A. (in prep). Exploring Exercise Challenges and Solutions for Adults Aging with a Mobility Impairment.

**Koon L. M**., Blocker, K. A., & Rogers, W. A. (in prep). The Potential of Voice-Activated Digital Assistants: Perceptions from Novice Older Adults.

**Koon L. M**., Mullen, S. & Rogers, W. A. (in prep). Self-Determination through Technology: Increasing Physical Activity for Older Adults

**Technical Reports**

**Koon L. M**., Khaleghi, R., Sreenivas, R. S., Rogers, W. A. (2019). *Environmental control applications for voice-activated digital home assistants*. (TechSAge-TR-1906). Rehabilitation Engineering Research Center on Technologies to Support Aging-in-Place for People with Long-Term Disabilities.

**Koon, L. M.**, Remillard, E. T., Mitzner, T. L., & Rogers, W. A. (2019). Coding for the Aging Concerns, Challenges, and Everyday Solution Strategies (ACCESS) study. (TechSAge-TR-1902). RERC-Technologies to Support Aging-in-Place for People with Long-term Disabilities (RERCTechSAge.org).

Remillard, E. T., Mitzner, T. L., Singleton, J., **Koon, L. M**., & Rogers, W. A. (2018). Developing the Aging Concerns, Challenges, and Everyday Solution Strategies (ACCESS) study. (TechSAge-TR-1801). RERC-Technologies to Support Aging-in-Place for People with Long-term Disabilities (RERCTechSAge.org).

**Book Chapters**

Harrington, C., **Koon L. M**., & Rogers, W. A. (2020). Designing Information and Communication Technologies to Support Healthcare Needs of Older Adults. In Sethumadhaven, & Farzan (Eds.) *Design for Healthcare*.

Stellino, M. B., Vazou, S., & **Koon, L. M**. Motivational and social influence factors in CSPAP implementation.In R. L. Carson, & C. A. Webster (Eds.), *Comprehensive school physical activity programs: Handbook of research and practice.* Champaign, IL: Human Kinetics.

**Professional Presentations**

#### Presentations at Professional Conferences (juried)

**Koon, L. M**., Nzuki, I., & Hall, J. P. *High-intensity functional training: Effects on functional independence and psychological well-being among adults with disability*. To be presented at the 2021American Public Health Association Annual Meeting and Expo, Denver, CO. October 2021.

**Koon, L. M**., Remillard, E. T., & Rogers, W. A. *Exploring exercise challenges and response strategies among adults aging with long-term vision disabilities*. To be presented at the 2021American Public Health Association Annual Meeting and Expo, Denver, CO. October 2021.

Shende, S.A.,**Koon, L.M**., Bayles, M.A., Singleton, J., & Rogers, W.A. *Exploring Health Challenges & Response Strategies Among Older Deaf Adults*. Oral presentation by SAS at the Human Factors and Ergonomics Society International Symposium, Virtual Symposium. April, 2021.

**Koon, L. M.,** Mullen, S. P., & Rogers, W. A. *Self-Determination through Technology: Understanding Physical Activity Engagement for Older Adults*. As part of symposium: Evidence-based Exercise Interventions and Fitness Technologies for Older Adults with Intact or Impaired Cognition. Presented at the Gerontological Society of America (GSA), Virtual Conference, November, 2020.

Rogers W.A., **Koon L.M.,** & Remillard, E.T. *Understanding everyday activity challenges for individuals aging with multiple sclerosis*. Presented at the American Congress of Rehabilitation Medicine (ACRM) Annual Conference. Virtual Conference, October, 2020

**Koon, L. M.,** Bondarowicz, A. & Rogers, W. A. *Exploring Exercise Challenges & Response Strategies among
Adults Aging with Long-Term Mobility Disability*. To be presented at the American Public Health Association (APHA) Annual Conference, San Francisco, CA. Remote, October, 2020

Kadylak, T., Blocker, K.A., **Koon, L.M**., Gowrishankar, S., Ramadhani, W.A., Khaleghi, R., Kovac, C., Sreenivas, R.S., & Rogers, W.A. (2020, September). *Developing a suite of voice activated digital home assistant health applications and instructional materials for older adults with mobility disability.* Presented at the Rehabilitation Engineering and Assistive Technology Society of North America (RESNA) 2020 Virtual Conference. Arlington, Virginia.

Nie Q., **Koon, L. M**., Khamzina, M. & Rogers, W. A. *Understanding exercise challenges and barriers for older adults with mobility disabilities*. Presented at the Human Factors and Ergonomics Society (HFES) Annual Conference. Chicago, IL. Virtual Conference, October, 2020

Blocker, K. A., Kadylak, T., **Koon, L. M**., Kovac, C. E., & Rogers, W. A. *Digital home assistants and aging: Initial perspectives from novice older adult users*. Presented at the Human Factors and Ergonomics Society (HFES) Annual Conference. Chicago, IL. Remote, October, 2020

**Koon, L. M.,** Schulz, J. A., & Hall, J. P. *Understanding Successful Transition to Independent Living: A Qualitative Study for Youth with Disability*. Presented at the National Association of Rehabilitation Research and Training Centers (NARRTC) Annual Conference. Arlington, VA. November, 2020.

**Koon, L. M.,** Blocker, K. A., & Rogers, W. A. (November 2019) *Voice-Activated Digital Assistants: Perceptions from Novice Users with Long-Term Mobility Disability*. As part of symposium: Utilizing Technology Networks to Support Social Networks for People Aging with Disability. Gerontological Society of America (GSA) 2019 Annual Conference, Austin, TX.

**Koon, L. M**., & Rogers, W. A., (November 2019) *Challenges with Managing Health and Basic Daily Activities among People Aging with a Long-Term Mobility Disability: Opportunities for Technology-based Solutions*. As part of symposium: *Rehabilitation Technologies to Support Aging-In-Place for People with Long-Term Mobility Disabilities*. American Congress of Rehabilitation Medicine (ACRM) 2019 Annual Conference, Chicago, IL.

Blocker, K.A., **Koon, L.M.,** Kadylak, T., Ramadhani, W., Khaleghi, R., Kovac, C., Sreenivas, R.S., & Rogers, W.A. *Smart Home Technologies for Older Adults with Mobility Disabilities: Potential and Challenges*. To be presented at the Gerontological Society of America (GSA), Austin, TX, November, 2019.

Mois, G., Mackin, T., Datta, A., **Koon, L**., Rogers, W. A., Mitzner, T. L., & Beer, J. M.  (2019) *Perceptions from People Aging with a Mobility Impairment towards using Tele-Technology for Exercise.* Human Factors and Ergonomics Society's Annual Meeting 2019. Seattle, WA.

**Koon, L. M.**, Mitzner, T., Harris, M., & Rogers, W. A. *Aging, Disability, and Needs for Physical Activity Interventions*. Presented at the Human Factors and Aging Health Care Symposium (HFES Health), Chicago, IL, March 2019.

Blocker, K., **Koon, L. M**., McGlynn, S. A., & Rogers, W. A., *The Potential of Digital Assistants to Support Health Self-Management for Older Adults*. Presented at the Human Factors and Aging Health Care Symposium (HFES Health), Chicago, IL, March 2019.

Mitzner, T., Remillard, E., **Koon, L. M**., Beer, J., Rogers, W. A. *The Potential of Tele-Technology for Delivering Wellness Interventions to Adults Aging with Mobility Impairments*. Presented at the Human Factors and Aging Health Care Symposium (HFES Health), Chicago, IL, March 2019.

Harris, M. T., Remillard, E., **Koon, L. M**., Mitzner, T., & Rogers, W. A., *Understanding Health Technology Use challenges for Older Adults with Mobility or Visual Impairments*. Presented at the Human Factors and Aging Health Care Symposium (HFES Health), Chicago, IL, March 2019.

**Koon, L**., Beer, J., Mitzner, T., Mackin, T., Mois, G., & Rogers, W. *Assessing Attitudes & Usability of a Tele-Technology Exercise Platform for Persons Aging with a Mobility Impairment*. Gerontological Society of America (GSA), Boston, MA, November 2018.

Rogers, W. A., **Koon, L. M.,** Hartley, J. Q., Mitzner, T. L., Harris, M. T., Remillard, E. T., & Singleton, J. L. *Aging Concerns, Challenges, and Everyday Solutions Strategies (ACCESS)*. Gerontological Society of America, Boston, MA. November 2018.

Mois, G., Mackin, T., Datta, A., **Koon, L**., Rogers, W. A., Mitzner, T. L., & Beer, J. M. (July 2019) *The feasibility of a Tai Chi tele-exercise intervention for persons aging with mobility impairment*. Georgia Gerontology Society Annual Conference. Greensboro, GA.

**Koon, L. M**., Remillard, E. T., Mitzner, T. L., Singleton, J. L., Rogers, W. A. *Aging Concerns, Challenges, and Solution Strategies (ACCESS) for Individuals with Impairments*. Presented at the Rehabilitation Engineering and Assistive Technology Society of North America (RESNA), Washington, D.C., July 2018.

Mitzner, T., **Koon, L**., Beer, J., Dupuy, L., Mackin, T., Rogers, W. A. *Developing a Feasibility Study for a Tele-Technology Group Exercise Class for Adults Aging with Mobility Impairments*. Presented at the Rehabilitation Engineering and Assistive Technology Society of North America (RESNA), Washington, D.C., July 2018.

**Koon, L. M.**, Harris, M. T., Rogers, W. A. *Understanding Exercise Challenges and Solutions for Older Adults Aging with a Mobility Impairment.* Presented at the North American Society for the Psychology of Sport and Physical Activity (NASPSPA), Denver, CO, June 2018.

**Koon, L. M**. & Rogers, W. A. *The Potential for Smart and Connected Communities to Support Transportation Needs of Adults Aging with Sensory or Mobility Impairments*. Presented at the National Science Foundation and Research Coordination Network Workshop: Smart and Connected Communities (S&CC) and Aging Population. Stony Brook, NY, April 2018.

**Koon, L. M.**, Shirahama, T., Rogers, W. A. *Exploring Healthcare Information Access Challenges for Older Adults with a Visual Impairment*. Presented at the Health Communication: Barriers, Breakthroughs, and Best Practices (HCB3), Online Health Communication Conference. University of Illinois, Urbana-Champaign, March 2018.

Harris, M. T.,**Koon, L. M**., Rogers, W. A.(2018). *The Potential for Technology to Support Managing One’s Health while Aging with an Impairment.*Presented at the International Society for Gerontechnology 11th World Conference, St. Petersburg, Florida, May 2018.

McGlynn, S. A., **Koon, L. M**., Blocker. K. A., Shishegar, N., Rogers, W. A. *Investigating the Potential of Digital Home Assistants to Promote Physical Activity and Social Engagement for Older Adults*. Presented at the Cognitive Aging Conference (CAC), Atlanta, GA, May 2018.

**Koon, L. M**., Brustad, R.J., Babkes Stellino, M. *A Taxonomy to Aid in the Design of Complex Physical Activities for Older Adults*. Presented at the Human Factors and Ergonomics Society (HFES), Austin, TX, October 2017.

Brustad, R. J., **Koon, L. M**., Babkes Stellino, M. *The Influence of Task Complexity and Social Engagement during Physical Activity on Executive Functioning in Older Adults.* Presented at the North American Society for the Psychology of Sport and Physical Activity (NASPSPA), San Diego, CA, June 2017.

**Koon, L.**, Harris, M., Rogers, W. A., *Taxonomy of Everyday Support Needs*. Presented at the Chittenden Symposium, University of Illinois, Urbana-Champaign, March 2017.

Babkes Stellino, M., **Koon, L. M**., Chavarria Soto, M., Stoepker, P., Pulling Kuhn, A.C. *Exploring the Impact of Physical Activity Breaks in College Classrooms*. Presented at the Society of Health and Physical Educators (SHAPE), Boston, MA, March 2017.

**Koon, L.M**., Brustad, B., Babkes Stellino, M., Akbar, A., Lalonde, M. *Executive function as a predictor of success among collegiate baseball players*. Presented at the Association for Applied Sport Psychology (AASP) Conference, Phoenix, AZ, October 1, 2016.

**Coleman (Koon), L**., Brustad, R.J., Babkes Stellino, M., Akbar, A., Lalonde, A. *An exploration of executive function among older adult athletes and non-athletes*. Presented at the North American Society for the Psychology of Sport and Physical Activity (NASPSPA), Portland, OR, June 5, 2015.

**Coleman (Koon), L**., & Brustad, R.J. *A coach’s role in fostering positive youth development and executive function within*  *youth sport*. Presented at the National Coaching Conference (NCC). Washington, DC, June 19, 2014.

**Coleman (Koon), L**., & Brustad, R.J., Babkes Stellino, M. *Coaching strategies to promote executive function among youth athletes*. Presented at the Association for Applied Sport Psychology (AASP), Las Vegas, NV. October 18, 2014.

**Coleman (Koon), L.**, Davies, M., & Babkes Stellino, M. *“CrossFit” participation: Goal involvement and perceived motivational climate*. Presented at the Association for Applied Sport Psychology (AASP). Las Vegas, NV. October 18, 2014.

Babkes Stellino, M., **Coleman (Koon), L**., Davies, M.J., & Nichols, B. *Other-initiated motivational climate and youth soccer players’ good and poor sport behaviors*. Presented at the Association for Applied Sport Psychology (AASP). Las Vegas, NV. October 18, 2014.

Nichols, B., Davies, M., **Coleman (Koon), L**., & Babkes Stellino, M. *Guidelines for effective coach-initiated motivational climate: Relationship to good and poor sport behavior*. Presented at the National Coaching Coalition (NCC). Washington, DC. June 4, 2014.

Davies, M.J., **Coleman (Koon), L.**, & Babkes Stellino, M. *Why CrossFit? A qualitative analysis of participant motives.* Presented at the North American Society for Sport Management (NASSM), Pittsburgh, PA. May 28, 2014.

**Coleman (Koon), L**., & Brustad, R.J. *The effects of a season-long street soccer intervention on a competitive youth soccer player’s enjoyment, motivation and social development*. Presented at the Association of Applied Sport Psychology (AASP) Southwest Regional Student Conference. Denver, CO. April 6, 2013.

University Conference Presentations (nonjuried)

**Koon, L. M.,** Schulz, J. A., & Hall, J. P. *Understanding Successful Transition to Independent Living: A Qualitative Study for Youth with Disability*. Life Span Institution Collaboratory. University of Kansas, Lawrence, KS. January, 2020.

**Koon, L. M.**, Remillard, E., Mitzner, T., & Rogers, W. A. *Aging Concerns, Challenges, and Everyday Solution Strategies (ACCESS): Understanding Exercise Challenges & Responses for Adults Aging with a Mobility Impairment*. Presented for the University of Alabama Birmingham/Lakeshore Research Collaborative, Birmingham, AL, January, 2019.

**Koon, L. M**., Sreenivas, R. S., & Rogers, W. A. *Exploring the Potential of Voice-Activated Digital Assistants for Older Adults’ Health Management*. Health Care Engineering Systems Symposium, College of Engineering at the University of Illinois, Urbana-Champaign. September, 2018.

**Koon, L. M**., Sreenivas, R. S., McGlynn, S. A., Shishegar, N., Rogers, W. A. Collaborations in Aging, Research and Technology Symposium (CHART) Pilot Project: *Examining the Potential of Digital Home Assistant Technologies for Older Adults* (CHART Symposium), Urbana-Champaign, November, 2017.

**Coleman (Koon), L**., & Brustad, R.J. *The influence of Physical Activity and Sport on Cognitive Functioning*. Presented at The University Andres Bello: Santiago, Chile, April, 2016.

**Coleman (Koon), L**., & Brustad, R.J., Babkes Stellino, M. *Coaching strategies to promote executive function among youth athletes*. Presented at the Tenth Annual College of Natural Health and Sciences’ Student Research Celebration, Greeley, CO. April 9, 2015.

Journal Guest Reviewer

*Disability and Health Journal*

*Research on Aging*

*Sport, Exercise, and Performance Psychology*

*Technology in Society*

*Research Quarterly for Exercise and Sport*

*Psychology of Sport and Exercise Science*

*Geriatric Nursing*

Abstract Reviewer – *Association for Applied Sport Psychology* Annual Conference

#### **Grants and Funded Projects**

**Koon, L. M.,** (2021-2023) *Self-Determination through Technology: Understanding Physical Activity Engagement for Manual Wheelchair Users*. New Faculty General Research Fund, Office of Research, University of Kansas. [$20,000].

*Voice-Activated Digital Home Assistants to Support Health & Independence of People Aging-in-Place with Long-Term Mobility Impairments*(10/1/18 - 9/30/23)

**Lyndsie Koon** and RS Sreenivas Co-Principal Investigators, Subcontract from Georgia Institute of Technology ($382,618) as part of Rehabilitation Engineering Research Center (RERC) Technologies to Support Aging-in-Place for People with Long-Term Disabilities from the National Institute on Disability, Independent Living, and Rehabilitation Research (NIDILRR, Grant 90REGE0006-01-00).

**Koon, L. M.,** (2017; 2018) Self-Determination through Technology: Understanding Physical Activity Engagement for Older Adults. National Institute of Health (NIH) PA-16-307 Ruth R. Kirschstein National Research Service Award Individual Postdoctoral Fellowship (F32), National Institute on Aging (NIA) [Not funded]

**Koon, L. M**. & Sreenivas, R. S., (2017) Collaborations in Health, Aging, Research and Technology (CHART) Pilot Grant. *Examining the Facilitators and Barriers to Using a Digital Home Assistant Technology for Older Adults* [$4,715]

**Coleman (Koon), L**., Stellino, M.B., & Massey, W. (2016) AASP Research Grant. *Learning through play: The impact of a peer-leadership program on cognitive control in low-income elementary school students* [$1,374.00]

**Coleman (Koon), L.**, Stellino, M.B., & Brustad, R.J. (2014). AASP Research Grant. *Executive Function as a Predictor of Success among Collegiate Baseball and Volleyball Players* [$675.00]

2014, 2015 Sport & Exercise Science Conference & Travel Grant [$500]

2015 University of Northern Colorado Undergraduate Research Grant

2013, 2014, 2015, 2016 University of Northern Colorado Graduate School - Research & Conference Grants

**Professional Consultations in Sport Psychology**

Year(s) Institution/Organization/Person Role

2013–2016 University of Northern Colorado Sport psychology consultant to various UNC athletes and teams

2014-Present Real Sociedad Athletic Club Consultant in psychological development

 San Sebastian, Spain program for professional soccer club

 **Service**

Year(s) Institution/Organization/Person Role

2019-2021 Mentoring Circles for Disability Inclusion, University Mentor/Mentee

 of Kansas

2018 Brunswick - Treadmill Interface Development/Testing Consultant (paid)

2017 University of Illinois - Technology, Health, & Aging Project Consultant

2016 Association for Applied Sport Psychology (AASP) Abstract Reviewer

2012-2013 Soccer without Borders Consultant and Coach

 Greeley, CO

2012-2014 UNC Sport Team & Individual Consultations Consultant

 Greeley, CO

Coaching (Paid)

 Collierville Soccer Association (Memphis, TN) 2006-2012

 Lyon College (Batesville, AR) 2005-2006 Assistant Coach Men’s & Women’s Soccer

Certifications

 Functional Adaptive Trainer – Adaptive Training Academy (www.ata.fit)

National Soccer Coaches Association of America (NSCAA) – National & Advanced National

United States Soccer Federation (USSF) / US Youth Soccer – National Youth License

 ACSM, Certified Personal Trainer

 American Heart Association

**Teaching**

**University of Kansas**

 Guest Lecture

 HSES 798 Advanced Writing in Sport & Exercise Psychology Spring 2020

 ABSC 893 Special Topics in Disability Policy Spring 2020

**University of Illinois, Urbana-Champaign**

 Guest Lecture

 KIN 543 Physical Activity & Cognition Spring 2019

 KIN 247 Introduction to Sport Psychology Spring 2018

 Project Consultant / Grant Reviewer

 CHLH 494 Technology, Health and Aging Fall 2017, 2018

**University of Northern Colorado**

Activity Courses Taught:

SES 111 Bowling Fall 2012

 SES 145 Stress Management Spring 2013 - 2 Sections

 SES 146 Group Fitness Fall 2012, 2014 - 2 Sections

 Major Courses Taught:

 SCI 291 Scientific Writing Fall 2016

 SES 318 Coaching & Officiating Soccer Spring 2013

 SES 333 Psychological Analysis of Sport, Exercise, & Physical Activity Fall 2012; Spring 2015

SES 323 Motor Learning (Lecture) Fall 2013, 2014, 2015, 2016

 Spring 2014, 2015, 2016

SES 323 Motor Learning (Labs) Fall 2013, 2014, 2015

 Spring 2013, 2014, 2015

 Summer2014,2015, 2016

 SES 436 Sociology of Sport and Physical Activity (Guest Lecturer) Fall 2014, Spring 2015

 SES 600 Introduction to Graduate Research (Guest Lecturer) Spring 2015

 SES 635 Exercise and Sport Psychology (Guest Lecturer) Fall 2015

 Courses Developed:

 SES 323 Motor Learning Labs (Memory, Motor Performance & Vision) Fall 2014

**Mentor**

 Edward Lam, Master’s in Public Health. *Exploring Older Adults Motivations and Managements through Physical Activity Technology.* University of Illinois, Urbana-Champaign, Spring 2018

 Jennifer Lee, Student Aging Researchers in Training (START). *Understanding Challenges and Solutions of Maintaining Diet and Nutrition for Adults Aging with a Mobility Disability* University of Illinois, Urbana-Champaign, Spring 2019

 Alyse Bondarowicz, Undergraduate Research Symposium. *Exercise and Technology Intervention Strategies to Support Aging in Older Adults with Mobility Disability*. University of Illinois, Urbana-Champaign, Spring 2020

**References**

Dr. Jean P. Hall – Professor

University of Kansas, Life Span Institute

Director, Research and Training Center on Independent Living [www.rtcil.org](http://www.rtcil.org)

(785)864-7083 jhall@ku.edu

Dr. Wendy A. Rogers – Professor & Post-Doctoral Advisor

University of Illinois Urbana-Champaign

Department of Kinesiology & Community Health

Human Factors and Aging Laboratory – [www.hfaging.org](http://www.hfaging.org)

(217) 300-1470 wendyr@illinois.edu

Dr. Sean Mullen – Associate Professor & Research Advisor

University of Illinois Urbana-Champaign

Department of Kinesiology & Community Health

Exercise, Technology, & Cognition Laboratory – [www.exercisetechlab.com](http://www.exercisetechlab.com)

(217) 244-4502 spmullen@illionis.edu

Dr. Robert Brustad – Professor & Former Co-Advisor

University of Northern Colorado

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