

Curriculum Vitae  
**Jason R. Jagers**

University of Louisville  
Department of Health & Sport Sciences  
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Louisville, KY 40292

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**EDUCATION**

- Ph.D.** University of South Carolina, Columbia, SC, Dept. of Exercise Science      Dec 2010  
Dissertation: Clinical exercise, stress, and HIV infection.
- MS** University of Louisville, Louisville, KY, Dept. of Health & Sport      May 2006  
Science. Thesis: The acute effects of dynamic and ballistic stretching on vertical  
jump height, force and power.
- BS** University of Louisville, Louisville, KY, Dept. of Health & Sport      May 2004  
Science

**PROFESSIONAL EXPERIENCE**

- Associate Professor:      2015 - present  
Department of Health & Sport Science, College of Education & Human  
Development, University of Louisville, KY.  
Courses taught- Anatomy and Physiology, Research Methods, Principles of  
Electrocardiography, Physiology of Exercise 1 & 2
- Associate Director:      2016 – 2020  
Wendy Novak Diabetes Center Sports Medicine Program  
Division of Endocrinology, Metabolism and Diabetes  
University of Louisville, School of Medicine
- Assistant Professor:      2013-2015  
Department of Applied Health Sciences, School of Nursing and Health Professions,  
Murray State University, KY.  
Courses taught- Exercise Prescription, Exercise Concepts in Special Populations,  
Research Design & Statistics for Allied Health, Theories & Techniques in Strength  
& Conditioning.
- Postdoctoral Fellow:      2010-2013  
University of South Carolina, Department of Exercise Science. National Institute of  
Health (NINR) funded R21 grant titled “Home-based Exercise for Management of  
HIV-associated Cardiovascular Disease Risk.” PI- Dr. Steven N. Blair and Dr.  
Gregory A. Hand. Role: Project Director. (Clinical Trial Identifier NCT01377064)

## RESEARCH INTERESTS

- Clinical Exercise Science w/ special interest in Diabetes and HIV
- Community-based physical activity interventions
- Exercise and metabolic syndrome
- Establishment of exercise guidelines that ensure health benefits of clinical populations.

## AWARDS/HONORS/DISTINCTIONS

- University of Louisville Faculty Favorite (student nominated) 2018 - 2021
- Fellow of the American College of Sports Medicine 2018
- MSU Outstanding Researcher Award 2015
- Delta Omega Honorary Society 2013

## PROFESSIONAL ORGANIZATIONS

- American College of Sports Medicine, Southeastern Chapter
- International AIDS Society

## PUBLICATIONS

### Book Chapters

1. **Jason R. Jagers** and Gregory A. Hand. HIV and Exercise. In *Lifestyle Medicine*. 3<sup>rd</sup> edition (Rippe) Taylor & Francis Group. pp. 555-562, 2019 ISBN: 1138708844
2. **Jason R. Jagers** and Gregory A. Hand. Human Immunodeficiency Virus. In *ACSM's Guidelines for Exercise Testing and Prescription*. 10<sup>th</sup> & 11<sup>th</sup> edition. Lippencott, Williams, and Wilkins, 2017.
3. **Jason R. Jagers** and Gregory A. Hand. HIV Infection: Exercise and Immune Function. In *Lifestyle Medicine*. 2<sup>nd</sup> edition (Rippe) Taylor & Francis Group. pp. 615-624, 2013 ISBN: 1439845425
4. Gregory A. Hand and **Jason R. Jagers**. Stress and Anxiety Disorders. In *ACSM's Exercise Management for Persons with Chronic Diseases and Disabilities*. 3<sup>rd</sup> edition (eds. J.L. Durstine and G.E. Moore) Human Kinetics, Champaign, Illinois. pp. 379-384, 2009.
5. Gregory A. Hand, G. William Lyerly, **Jason R. Jagers**, and Wesley D. Dudgeon. "HIV: Role of Exercise in Promoting Health." *Encyclopedia of Lifestyle Medicine & Health*. Ed. James M. Rippe, MD. Thousand Oaks, CA: SAGE, 2012. 562-67
6. Gregory A. Hand and **Jason R. Jagers**. Stress and Cancer. In *Encyclopedia of Cancer and Society*. G.A. Calditz and J. Geoffrey Golson (eds.), SAGE Books Ltd. November, 2007.

## Peer Reviewed Articles

1. **Jason R. Jagers**, Timothy McKay, Kristi M. King, Bradly J. Thrasher, Kupper A. Wintergerst. "Integration of Consumer-Based Activity Monitors into Clinical Practice for Children with Type 1 Diabetes: A Feasibility Study." *International Journal of Environmental Research and Public Health*, 2021;18(20), 10611.
2. Kristi M. King, **Jason R. Jagers**, Lindsay J. Della, Timothy McKay, Sara Watson, Amy E. Kozerski, Kimberly R. Hartson, and Kupper A. Wintergerst.. "Association between Physical Activity and Sport Participation on Hemoglobin A1c Among Children and Adolescents with Type 1 Diabetes." *International Journal of Environmental Research and Public Health*, 2021; 18(14), 7490.
3. Chlebowy, D.O., Coty, M.B., Lauf, A., Krishnasamy, S., Myers, J., & **Jagers, J.** (2021). Mobile app use in adults with comorbid type 2 diabetes and depression. *Western Journal of Nursing Research*. Published online January 29, 2021. [doi.org/10.1177/0193945920988791](https://doi.org/10.1177/0193945920988791).
4. Daniela Terson de Paleville, Kathryn Harman, Eileen Richards, **Jason R. Jagers**, & Kristi King. "Physiology Understanding Week in a public middle school in Southern Indiana: exercise and health." *Advances in Physiology Education*, 2020; 44(2), 254-261
5. Kristi M. King, Gwen Pierce, Lisal Folsom, Whitney Cessna, **Jason R. Jagers**, and Kupper A. Wintergerst. "Championing Whole-Food and Plant-Based Diets: The Role of the Health and Fitness Professional." *ACSM's Health & Fitness Journal*, 2020; 24(4), 50-54.
6. **Jason R. Jagers**, Kristi King, Sara Watson, Kupper Wintergerst. "Predicting Nocturnal Hypoglycemia with Measures of Physical Activity Intensity in Adolescent Athletes with Type 1 Diabetes." *Diabetes Technology & Therapeutics*, 2019; 21(7): 406-408
7. Kristi M. King, **Jason R. Jagers**. & Kupper Wintergerst. "Strategies for partnering with health care settings to increase physical activity promotion." *ACSM's Health & Fitness Journal*, 2019; 23(4): 40-43
8. **Jason R. Jagers**. "Exercise and Positive Living in Human Immunodeficiency Virus/AIDS." *Nursing Clinics of North America* 53.1 (2018): 1-11.
9. John Francis Caruso, Michael Voor, **Jason R. Jagers**, T. B Symons, Jeremy Stith, Ling Bai1, Ema Selimovic, Kathy Carter, Jennifer Daily. "Musculoskeletal Outcomes From Chronic High-Speed, High-Impulse Resistance Exercise." *International Journal of Sports Medicine*, 2018; 39(10): 791-801
10. **Jason R. Jagers** and Kristi McClary King. "Strategies for Increasing Physical Activity and Healthy Lifestyles for the Individual With Human Immunodeficiency Virus." *ACSM's Health & Fitness Journal* 21.4 (2017): 42-45.

11. **Jason R. Jagers**, Katie Casto Hynes, and Kupper A. Wintergerst. "Exercise and Sport Participation for Individuals with Type 1 Diabetes: Safety Considerations and the Unknown." *ACSM's Health & Fitness Journal* 20.6 (2016): 40-44.
12. **Jason R. Jagers**, Snead JM, Lobelo RLF, Hand GA, Dudgeon WD, Prasad VK, et al. "Results of a nine month home-based physical activity intervention for people living with HIV." *Int J Clin Trials* 2016;3(3):106-19.
13. **Jason R. Jagers**, and Gregory A. Hand. "Health Benefits of Exercise for People Living With HIV A Review of the Literature." *American Journal of Lifestyle Medicine*, 2016; 10(3): 184-192
14. **Jason R. Jagers**, Gregory A. Hand, Wesley D. Dudgeon, Stephanie Burgess, Kenneth D. Phillips, J.L. Durstine, Steven N. Blair. "Short Term Aerobic and Resistance Training Improves Psychological Mood State Among Adults with HIV." *International Journal of Sports Medicine*, 2015; 36(2): 175-181
15. Wirth, M.D., **Jason R. Jagers**., Dudgeon, W.D., Hebert, J.R., Youngstedt, S.D., Blair, S.N., Hand, G.A. "Association of markers of inflammation with sleep and physical activity among people living with HIV or AIDS." *AIDS Behavior*, 2015 Jun;19(6):1098-107. doi: 10.1007/s10461-014-0949-y.
16. Snead, Joanna M., **Jason R. Jagers**, Gregory A. Hand, and J. Larry Durstine. "HIV Comorbidities, Treatment, and Physical Activity: Promoting Best Global Practice in Children and Adolescents." *Global Journal of Health & Physical Education Pedagogy* 3, no. 4 pp. 311 – 322; (2014).
17. **Jason R. Jagers**, Vivek K. Prasad, Wesley D. Dudgeon, Steven N. Blair, Xuemei Sui, Stephanie Burgess, Gregory A. Hand. "Associations Between Physical Activity and Sedentary Time on Components of Metabolic Syndrome Among Adults with HIV." *AIDS Care*, 2014; 26 (11): 1387-92
18. Vivek K. Prasad, Gregory A. Hand, Xuemei Sui, Deepika Shrestha, Duck-chul Lee, Carl J. Lavie, **Jason R. Jagers**, Steven N. Blair. "Association of Exercise Heart Rate Response with Incidence of Hypertension in Men." In *Mayo Clinic Proceedings*. Elsevier, 2014
19. Vladimir I. Morozov, Michael I. Kalinski, **Jason Jagers**, Nikolay V. Goncharov, and Galina A. Sakuta. Ischemia-modified albumin as a marker of myocardium and skeletal muscle damage. *International Journal of Cardiovascular Research*, 2014, 3:1 doi:10.4172/2324-8602.1000157
20. **Jason R. Jagers**, Wesley D. Dudgeon, Stephanie Burgess, Kenneth D. Phillips, Steven N. Blair, J. Larry Durstine, and Gregory A. Hand. "Psychological Correlates of HIV-related Symptom Distress." *Journal for the Association of Nurses AIDS Care*, 2013 DOI: 10.1016/j.jana.2013.06.003
21. **Jason R. Jagers**, Wesley D. Dudgeon, Steven N. Blair, Xuemei Sui, Stephanie Burgess, Sara Wilcox, Gregory A. Hand. "A home-based exercise intervention to increase physical activity among people living with HIV: study design of a randomized clinical trial." *BMC Public Health* 2013, 13:502 doi:10.1186/1471-2458-13-502

22. Hand, Gregory A., Robin P. Shook, Amanda E. Paluch, Meghan Baruth, E. Patrick Crowley, **Jason R. Jaggers**, Vivek K. Prasad, Tom G. Hurley, James R. Hebert, Edward E. Archer, Stephanie Burgess, and Steven N. Blair: “The Energy Balance Study: The design, methodology and baseline results for a longitudinal study of energy balance. *Research quarterly for exercise and sport* 84, no. 3 (2013): 275-286
23. Wesley D. Dudgeon, **Jason R. Jaggers**, Kenneth D. Phillips, et al., “Moderate-Intensity Exercise Improves Body Composition and Improves Physiological Markers of Stress in HIV-Infected Men,” *ISRN AIDS*, vol. 2012, Article ID 145127, 14 pages, 2012. doi:10.5402/2012/145127
24. Gregory A. Hand, **Jason R. Jaggers**, G. William Lyerly, and Wesley D. Dudgeon. Physical Activity in Cardiovascular Disease Prevention in Patients With HIV/AIDS. *Current Cardiovascular Risk Reports*, July 2009; 3(4):288–295
25. Gregory A. Hand, G. William Lyerly, **Jason R. Jaggers**, and Wesley D. Dudgeon. Impact of Aerobic and Resistance Exercise On The Health of HIV-Infected Persons. *Journal of Lifestyle Medicine*, 2009 3(6):489-499
26. **Jason R. Jaggers**, Xuemei Sui, Steven P. Hooker, Michael J. LaMonte, Charles E. Matthews, Gregory A. Hand, Steven N. Blair. Metabolic syndrome and risk of cancer mortality in men. *European Journal of Cancer* , July 2009; Vol. 45 ( 10): 1831-1838
27. **Jason R. Jaggers.**, Swank, A., Frost, K., Lee, C. The Acute Effects of Ballistic and Dynamic Stretching on Vertical Jump Height, Force, and Power. *Journal of Strength and Conditioning Research*, Nov 2008; Vol. 22(6):1844-1849
28. **Jason R. Jaggers.**, Simpson, C., Frost, K., Quesada, P., Topp, R., Swank, A., Nyland, J. Prehabilitation Prior To Knee Arthroplasty Increases Post-Surgical Function: A Case Study. *Journal of Strength and Conditioning Research*, May 2007; Vol. 21(2):632-634.

### Manuscripts in Review or Preparation

1. **Jason R. Jaggers**, Kristi King, Timothy McKay, Ryan Dyess, Bradly Thrasher, Kupper Wintergerst. Association Between Intensity Levels of Physical Activity and Glucose Variability Among Adolescents with Type 1 Diabetes.

### Peer-Reviewed Abstract Presentations

1. **Jason R. Jaggers**, Kristi King, Timothy E. McKay, Ryan J. Dyess, and Kupper A. Wintergerst. Impact of Activity Intensity on Glucose Variability among Adolescents with Type 1 Diabetes. *American Diabetes Association National Conference* 69.1S, June 2020
2. Kristi M. King, **Jason R. Jaggers**, Timothy McKay, Kupper Wintergerst. Hemoglobin A1c, Physical Activity, And Sport Participation Among Children With Type 1 Diabetes. *Medicine & Science in Sports & Exercise* 52.5S, May 2020

3. **Jason R. Jagers**, Kristi King, Timothy McKay, Kupper Wintergerst. Association Between Physical Activity Intensity and Glucose Variability Among Athletes With Type 1 Diabetes. *Medicine & Science in Sports & Exercise* 52.5S, May 2020
4. **Jason R. Jagers**, Kristi King, Kupper Wintergerst . Nocturnal Hypoglycemia Incidents Following Moderate and Vigorous Physical Activity in Athletes With Type 1 Diabetes. *Medicine & Science in Sports & Exercise* 51.5S, May 2019
5. **Jason R. Jagers** and Kupper Wintergerst. Using Accelerometry to Better Manage Type 1 Diabetes Mellitus: Can It Help Predict The Future? *SEACSM Abstracts (46), 2019*
6. Amy Kozerski\*, Kristi King, **Jason R. Jagers** and Kupper Wintergerst. High school softball player with type 1 diabetes 72-hour glucose response: A case study. *SEACSM Abstracts (46), 2019*
7. Diane Chlebowy, Mary-Beth Coty, Adrian Lauf, Sathya Krishnasamy, John Myers, **Jason Jagers**. Development of An Innovative Mobile Mockup App to Promote Self-care Behaviors in Adults with Comorbid Diabetes and Depression. *Research! Louisville, 2018*
8. Timothy McKay\*, **Jason R. Jagers**, and Kupper Wintergerst. Game Day Glucose Values For A High School Soccer Player With Type 1 Diabetes: A Case Study. *Medicine & Science in Sports & Exercise* 50.5S, May 2018
9. **Jason R. Jagers** and Gregory A. Hand. Comparing Home-And Group-based Physical Activity Interventions For People Living With HIV. *Medicine & Science in Sports & Exercise* 50.5S, May 2018
10. Kristi M. King, **Jason R. Jagers**, Gregory A. Hand. Theoretical Predictors Of Physical Activity Among People Living With HIV/AIDS. *SEACSM Abstracts (45), 2018*
11. **Jason R. Jagers** and Gregory A. Hand. Association Between Step Counts And Blood Lipids Among People Living With HIV/AIDS. *SEACSM Abstracts (45), 2018*
12. Camerra Miller\*, Olivia Estill\*, Gregory A. Hand, **Jason R. Jagers**. Changes in Physical Activity improves HDL cholesterol in People Living with HIV taking Antiretroviral Therapy. *Medicine and Science in Sports and Exercise. 49(5S):79, May 2017*
13. Olivia Estill\*, Camerra Miller\*, Gregory A. Hand, **Jason R. Jagers**. The Effect of Step Count Increase on Role Limitations for People Living With HIV/AIDS. *Medicine and Science in Sports and Exercise. 49(5S):79, May 2017*
14. **Jason R. Jagers**, Katie Hynes, Ann Swank, Kupper Wintergerst. Glucose Response in Type 1 Diabetes During Sport and Exercise. *SEACSM Abstracts (44), 2017*
15. **Jason R. Jagers**, Durstine, Moore. Providing Exercise is Medicine Services to Persons With Chronic Disease and Health Disparity. *SEACSM Abstracts (44), 2017*

16. **Jason R. Jagers.** University of Louisville, Louisville KY. Clinical Exercise Physiology: Exercise interventions for metabolic diseases. *Asia Pacific Conference on Exercise and Sport Science, 2015*<sup>†</sup>
17. **Jason R. Jagers,** Amelia Dodd, Dina Byers, Katy Garth, Renee Waggoner, Michael I. Kalinski, Dana Manley. Murray State University, Murray, KY. Relationships between physical activity, hemoglobin A1C, blood lipids, and body composition among type 2 diabetics. *Medicine and Science in Sports and Exercise 47, 2015*
18. **Jason R. Jagers,** Vivek Prasad, Wesley D. Dudgeon, Gregory A. Hand Stephanie Burgess, Michael I. Kalinski, Steven N. Blair: Results of a home-based exercise intervention to increase physical activity among people living with HIV. *Medicine and Science in Sports and Exercise 46, 2014*
19. **Jason R. Jagers,** Gregory A. Hand, Vivek Prasad, Xuemei Sui, Stephanie Burgess, Wesley D. Dudgeon, Steven N. Blair: Changes in daily physical activity significantly affects body composition in Hiv+ adults taking antiretroviral therapy. *Medicine and Science in Sports and Exercise 45, 2013.*
20. **Jason R. Jagers,** Gregory A. Hand, Vivek Prasad, Xuemei Sui, Stephanie Burgess, Steven N. Blair: Association between physical activity and risk factors for metabolic syndrome in a sample of HIV+ men and women currently taking antiretroviral therapy. *Epidemiology and Prevention/Nutrition, Physical Activity and Metabolism 2013 Scientific Sessions: Presentation Number P419*
21. **Jason R. Jagers,** Wesley D. Dudgeon, Vivek K. Prasad, Stephanie Burgess, Erica McDivitt, Steven N. Blair, Gregory A. Hand: Reduced functional aerobic capacity in a sample of HIV+ adults from the southeastern United States: a comparison of males and females. *XIX International AIDS Conference Abstracts: THPE042, 2012*
22. **Jason R. Jagers,** Vivek K. Prasad, Wesley D. Dudgeon, Erica McDivitt, Stephanie Burgess, Steven N. Blair, Gregory A. Hand: Evidence of Functional Aerobic Impairment Among Adults Living With HIV. *Medicine and Science in Sports and Exercise 44, 2012*
23. **Jason R. Jagers,** Vivek Prasad, Wesley D. Dudgeon, Stephanie Burgess, Steven N. Blair, Gregory A. Hand: Functional Aerobic Impairment in a Sample of HIV-Infected Adults. *SEACSM Abstracts 40: O22, 2012*
24. **Jason R. Jagers,** Wesley D. Dudgeon, Omar Bagasra, Samina Noorali, and Gregory A. Hand: Effects of acupuncture on psychological stress and viral load in African-Americans living with HIV/AIDS. *APHA Annual Meeting Abstracts 139: 241079, 2011.*
25. **Jason R. Jagers,** Wesley D. Dudgeon, Kenneth D. Phillips, Stephanie Burgess, J. Larry Durstine, G. William Lyerly, Steven N. Blair, Gregory A. Hand: Hiv-Related Psychological Disturbances Improve After Six Weeks Of Moderate Intensity Exercise Training. *Medicine and Science in Sports and Exercise 43.*
26. **Jason R. Jagers,** Dudgeon W.D., Burgess S., Durstine J.L., Lyerly G.W., Phillips K.D., Blair S.N., and G.A. Hand: Associations of psychological and physiological

- stress among HIV-infected individuals. *APHA Annual Meeting Abstracts* 138: 228711, 2010.
27. **Jason R. Jagers**, Kenneth D. Phillips, Wesley D. Dudgeon, Stephanie Burgess, J L. Durstine, Gregory A. Hand. Reductions in total resting cortisol at wake following moderate intensity resistance and aerobic exercise training. *Medicine and Science in Sports and Exercise* 42 (Suppl. 5): B-24, 2010
  28. **Jason R. Jagers**, Kenneth .D. Phillips, Wesley .D. Dudgeon, Stephanie Burgess, and JL. Durstine and Gregory A. Hand. Changes in body composition and salivary cortisol following combined aerobic and resistance training in HIV-infected men. *SEACSM Abstracts* 37: O25, 2010
  29. **Jason R. Jagers**, D.-C. Lee, Sui X., Hand G.A., and S.N. Blair: Association between regular and sugar-free soda consumption with risk of metabolic syndrome. *Medicine and Science in Sports and Exercise* 41 (Suppl. 5): G-21, 2009.
  30. **Jason R. Jagers**, Phillips K.D., Dudgeon W.D., Lyerly G.W., Burgess S., Durstine J.L., and G.A. Hand: Improved lipid profile in HIV positive men after 6 weeks of combined resistance and aerobic training. *SEACSM Abstracts* 36: O8, 2009.
  31. **Jason R. Jagers**, G.W. Lyerly, J.M. Tucker, D.J. Thompson, B.M. Duncan, and G.A. Hand: Effects of acupuncture on oral markers of emotional distress in HIV-infected African Americans. *APHA Annual Meeting Abstracts* 136: 176932, 2008. On Line
  32. **Jason R. Jagers**, Phillips K.D., Dudgeon W.D., Lyerly G.W., Duncan B.M., Burgess S., Durstine J.L., and G.A. Hand. Cardiovascular Fitness Improvements in HIV-infected Men Following Combined Aerobic and Resistance Exercise Training. *South Carolina Public Health Association Abstracts*, May 2008.
  33. **Jason R. Jagers**, Phillips K.D., Dudgeon W.D., Lyerly G.W., Duncan B.M., Burgess S., Durstine J.L., and G.A. Hand. Effects of combined aerobic and resistance exercise training on cardiovascular fitness in HIV-infected men. *Medicine and Science in Sports and Exercise* 40 (Suppl. 5): F41, 2008.
  34. **Jason R. Jagers**, K.D. Phillips, W.D. Dudgeon, G.W. Lyerly, B.M. Duncan, S. Burgess, J.L. Durstine, and G.A. Hand. Effects of combined aerobic and resistance exercise training in HIV-infected men. *Medicine and Science in Sports and Exercise* 39 (Suppl. 5): F-25, 2007.
  35. **Jason R. Jagers**., K.D. Phillips, W.D. Dudgeon, G.W. Lyerly, S. Smith, B.M. Duncan, S. Burgess, J.L. Durstine, and G.A. Hand. Effects of exercise training on body composition in HIV-infected men. *SEACSM Abstracts* 35: DP4, 2007.
  36. **Jason R. Jagers**, Simpson, C., Frost, K., Quesada, P., Topp, R., Swank, A., Nyland, J. Prehabilitation Prior To Knee Arthroplasty Increases Post-Surgical Function: A Case Study. *Medicine & Science in Sports & Exercise*, May 2006; Vol. 38(5)

\*Indicates student presenter

†Indicates international conference

13 abstracts co-authored (not listed)



## PRESENTATIONS

1. **Jason R. Jaggers** and Kristi M. King. Inclusion of Clinical Exercise Physiologists Into Clinical Practice & Other Strategies for Partnering with Healthcare Settings. *SEACSM Abstracts (47)*, 2020<sup>†</sup>
2. **Jason R. Jaggers** and Kupper Wintergerst. Using Accelerometry to Better Manage Type 1 Diabetes Mellitus: Can It Help Predict The Future? *SEACSM Abstracts (46)*, 2019<sup>†</sup>
3. **Jason R. Jaggers** and Kristi M. King. An Overview of Physical Activity Guidelines and helping every child reach their goals safely. *4th Annual Wendy Novak Diabetes Symposium*, 2019\*
4. Kupper Wintergerst, **Jason R. Jaggers**, Andrea Newcom. Exercise and Activity in Type 1 Diabetes. *6th Annual JDRF Type One Nation Summit*, 2018<sup>†</sup>\*
5. **Jason R. Jaggers**. Physical Activity and Type 1 Diabetes. *3rd Annual Wendy Novak Diabetes Symposium*, 2018\*
6. *Symposium: Jason R. Jaggers*. HIV-related Interventions to Increase Daily Physical Activity. Strategies to Improve Self Care Management. *Medicine & Science in Sports & Exercise 49(5S):79*<sup>†</sup>
7. **Jason R. Jaggers**, Durstine, Moore. Providing Exercise is Medicine Services to Persons With Chronic Disease and Health Disparity. *SEACSM Abstracts (44)*, 2017<sup>†</sup>
8. **Jason R. Jaggers**, Katie Casto Hynes, and Kupper A. Wintergerst. "Exercise and Sport Participation for Individuals with Type 1 Diabetes: Safety Considerations and the Unknown." *ACSM's Health & Fitness Journal 20.6* (2016): 40-44<sup>†</sup>
9. **Jason R. Jaggers**. Exercise and Type 1 Diabetes: Safety Considerations and the Unknown. *University of Louisville Medical School, Endocrinology Grand Rounds*, 2017\*
10. **Jason R. Jaggers**. Clinical Exercise Physiology: Exercise interventions for metabolic diseases. *University of Louisville, Department of Physiology Seminar Series*, 2016\*
11. **Jason R. Jaggers**. Clinical Exercise Physiology: Exercise interventions for metabolic diseases. *Asia Pacific Conference on Exercise and Sport Science*, 2015<sup>†</sup>\*
12. **Jason R. Jaggers**, Vivek Prasad, Wesley D. Dudgeon, Stephanie Burgess, Steven N. Blair, Gregory A. Hand: Functional Aerobic Impairment in a Sample of HIV-Infected Adults. *SEACSM Abstracts 40: O22*, 2012<sup>†</sup>
13. **Jason R. Jaggers**, Wesley D. Dudgeon, Omar Bagasra, Samina Noorali, and Gregory A. Hand: Effects of acupuncture on psychological stress and viral load in

African-Americans living with HIV/AIDS. *APHA Annual Meeting Abstracts* 139: 241079, 2011<sup>†</sup>

14. **Jason R. Jagers**, Dudgeon W.D., Burgess S., Durstine J.L., Lyerly G.W., Phillips K.D., Blair S.N., and G.A. Hand: Associations of psychological and physiological stress among HIV-infected individuals. *APHA Annual Meeting Abstracts* 138: 228711, 2010<sup>†</sup>

15. **Jason R. Jagers**, Phillips K.D., Dudgeon W.D., Lyerly G.W., Burgess S., Durstine J.L., and G.A. Hand: Improved lipid profile in HIV positive men after 6 weeks of combined resistance and aerobic training. *SEACSM Abstracts* 36: O8, 2009<sup>†</sup>

16. **Jason R. Jagers**, Phillips K.D., Dudgeon W.D., Lyerly G.W., Duncan B.M., Burgess S., Durstine J.L., and G.A. Hand. Cardiovascular Fitness Improvements in HIV-infected Men Following Combined Aerobic and Resistance Exercise Training. *South Carolina Public Health Association Abstracts, May 2008*<sup>†\*</sup>

\*Indicates invited presenter

†Indicates peer-reviewed conference presentation

## GRANTS

<u>Source</u>	<u>Project Title</u>	<u>Amount</u>	<u>Year</u>
KY Cabinet for Health & Family Services	Bingocize <i>Role: Site Primary Investigator</i>	\$26,000	2017
NASA-KY	Musculoskeletal outcomes to chronic high-speed resistive exercise. <i>Role: Primary Investigator</i>	\$30,000	2016
Children's Hospital Foundation	Christensen Family Sport & Activity Program <i>Role: Co-Investigator</i>	\$200,000/yr	2016-2019
EVPRI Research Grant	Development of an innovative Mobile Application to Improve Health Outcomes In Adults with Diabetes and Depression <i>Role: Co-Investigator</i>	\$10,000	2016
CISR (Institutional)	Active Steps for Diabetes <i>Role: Primary Investigator</i>	\$3,000	2015
MCCH Endowment Health Grant	Active Steps for Diabetes <i>Role: Primary Investigator</i>	\$1,565	2014
NIH K99 Training Grant	<i>Role: Primary Investigator</i>	not funded	2011

## TEACHING EXPERIENCE

Associate Professor, University of Louisville  
Clinical Exercise Physiology

Current

Advanced Exercise Testing & Prescription		Current
Anatomy and Physiology		Current
Principles of ECG*	Fall	2015-2018
Research Methods*	Spring	2017
Assistant Professor, Murray State University		
Exercise Concepts in Special Populations	Fall/Spring	2013 - 2015
Exercise Testing and Prescription	Fall	2013 - 2015
Research Design and Statistical Methods	Fall/Spring	2014
Strength and Conditioning	Spring	2014
Course Instructor, University of South Carolina		
Cardiorespiratory Exercise Physiology*	Fall	2012
Lecturer, University of South Carolina		
Acute Care in Physical Therapy *	Spring	2010/11
Cardiopulmonary Testing & Programming*	Summer	2009
Anatomy and Physiology II	Spring	2007
*Indicates graduate level course		

### Students Mentored

1. Alex Lancaster, MS Exercise Physiology, Thesis Mentor		2019/20
2. Caison Black, MS Exercise Physiology, Independent Study		2019/20
3. Todd Mayfield, MS Exercise Physiology, Independent Study	Summer	2019
4. Dawson Stephens, BS Neuroscience, Summer Undergraduate Research Program for Under-Represented Minorities and Disadvantaged Students.	Summer	2019
5. Amy Kozerski, MS Exercise Physiology, Thesis member	Fall/Spring	2018-19
6. Christian Goodyear, MS Exercise Physiology, Internship,	Spring	2019
7. Cameron West, Student Research Assistant		2018-2020
8. Liza Ledford, PhD Sport Administration, Independent Study	Spring	2018
9. Timothy McKay, MS Exercise Physiology, Research Assistant	Fall/Spring	2016-18
10. Elizabeth Garrett, Doctoral of Nursing, Murray State University	Fall/Spring	2014-15

### SERVICE TO UNIVERSITY

University of Louisville

Department Service:

Accreditation Coordinator	Present
Personnel Committee	
EXP Program Committee member	
EXP Program Admissions Committee member	
<b>College Service</b>	
Technology Committee Chair	2018-2021
Honors and Scholarship Committee	2016
<b>Murray State University</b>	
Insurance and Benefits Committee	2014 – 2015
Smoke free campus committee	2014
President’s Advisory Committee on Scholarship, Research, and Creative Thought	2014 - 2015
Search Committee –Athletic Training Faculty Position	2015
<b>PROFESSIONAL SERVICE</b>	
<b>Guest Editor</b>	
IJERPH Special Issue on Diabetes and Sports Medicine	2020-2021
<b>Volunteer</b>	
International AIDS Society Conference	2018
<b>Site Reviewer</b>	
CAAHEP Committee for Accreditation of Exercise Science	2017 - present
<b>Ad-hoc Journal Reviewer</b>	
International Journal of Environmental Research & Public Health	
Journal of Physical Activity and Health	
Journal of Strength and Conditioning Research	
Journal of Sport Sciences	
Mental Health and Physical Activity	
Applied Nursing Research	
International Journal of Therapy and Rehabilitation	
Annals of Behavioral Medicine	
Medicine and Science in Sport and Exercise	
Journal of Sport and Health Science	
AIDS Care	
<b>Grant Proposal Reviewer:</b>	
National Research Foundation	

**Conference Abstract Reviewer:**

Come Together Kentucky (co-chair of programming committee)

\*CV Last updated October 17, 2021