

CURRICULUM VITAE

SAMI YLI-PIIPARI, Ph.D.

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Department of Kinesiology

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CONTACT

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CURRENT POSITION

2015- Assistant Professor of Children's Physical Activity and Fitness and School Health Promotion, Director of Children's Physical Activity and Fitness Laboratory, Department of Kinesiology, University of Georgia (0.30 instruction, 0.30 research, 0.15 service)

EDUCATION

2011 Doctor of Sport Sciences, University of Jyväskylä, Finland (2011)
Department of Sport Sciences, Faculty of Sport and Health Sciences

2006 Master of Sport Sciences, University of Jyväskylä, Finland
(including Bachelor of Sport Sciences)
Department of Sport Sciences, Faculty of Sport and Health Sciences

ACADEMIC HONORS AND RECOGNITIONS

2015 Research Fellow of Society of Physical and Health Educators

2013 Department Chair's Award for Outstanding Research Contribution 2013
Department of Health and Sport Sciences, University of Memphis

2010 Fulbright Graduate Grant Scholarship Award - Fulbright

2006 Prize of Highly Acclaimed Master Thesis [Faculty Selected Best Thesis] - Faculty of Sport and Health Sciences, University of Jyväskylä

BOOK CHAPTERS

Yli-Piipari, S (2017). Motivation as adaptation or maladaptation of personal goals with learning goals. In C. D. Ennis (Ed.), *Routledge Handbook of Physical Education Pedagogies*. Routledge, London. Great Britain, 619-630.

ARTICLES IN SCIENTIFIC JOURNALS (data-based, peer-reviewed)

Yli-Piipari's authorship **bolded**, and Yli-Piipari's students' authorships underlined.

Accepted

52. Zhang, T., Wang, Y., **Yli-Piipari, S.**, & Chen, A. (2020). Power of the curriculum: Content, context and learning in physical education. *Research Quarterly for Exercise and Sport*.

51. Manninen, M., Deng, Y., Hwang, Y., Waller, S., & **Yli-Piipari, S.** (2020). Psychological need-supportive instruction improves skill performance, intrinsic motivation, and enjoyment: A cluster randomized study. *International Journal of Exercise Psychology*.

Published

50. Layne, T., **Yli-Piipari, S.** & Knox, T. (2020). Effectiveness of a 4-week classroom-based physical activity break program on elementary students' executive function and mathematics performance. *Education 3-13*. doi: 10.1080/03004279.2020.1746820 (ahead of print)

49. Jaakkola, T., **Yli-Piipari, S.**, Stodden, D.F., Huhtiniemi, M., Salin K., Seppälä, S., Hakonen, H. & Gråstén, A. (2020). Identifying childhood movement profiles and tracking physical activity and sedentary time across one year: A latent profile analysis. *Translational Sports Medicine*. doi: 10.1002/tsm2.156 (ahead of print)

48. Vishwanathan, M., Manninen, M., Waller, S., Sifre, M., Evans, E.M., & **Yli-Piipari, S.** (2019). Effect of psychological need-supportive summer camp: FIT-Dawg girls summer camp. *International Journal of Physical Education, Fitness and Sport*, 8, 51-63. doi: 10.26524/ijpefs1927

47. Jaakkola, T., Seppälä, S., Salin, K., Hakonen, H., Huhtiniemi, M., **Yli-Piipari, S.**, & Gråstén, A. (2019). Longitudinal associations among cardiorespiratory and muscular fitness, motor competence and objectively measured physical activity. *Journal of Science and Medicine in Sport*, 22, 1243-1248. doi: 10.1016/j.jsams.2019.06.018

46. Viciano, J., Mayorga-Vega, D., Martínez-Baena, A., & Liukkonen, J., Hagger, M., & **Yli-Piipari, S.** (2019). Effect of self-determined motivation in physical education on objectively measured habitual physical activity: A trans-contextual model. *Kinesiology*, 51, 141-149. doi:10.26582/k.51.1.15

45. **Yli-Piipari, S.** (2019). Energy expenditure and dietary intake of female collegiate tennis and soccer players during a competitive season. *Kinesiology*, *51*, 70-77. doi: 10.26582/k.51.1.11
44. **Yli-Piipari, S.**, Zaman, K.I., Fish, J.C., & Hnat, T.W. (2019). K-Sense energy expenditure assessment: A sensor system for light-intensity activities. *Human Movement*, *20*, 38-47. doi:10.5114/hm.2019.79042
43. **Yli-Piipari, S.**, Manninen, M., Smith B., Hollibaugh, C., Chambliss, H, & Udwardia, J. (2019). An examination of the pediatrician-prescribed gaming app-based exercise prescription: A pilot study. *Journal of Teaching, Research, and Media in Kinesiology*, *5*, 1-22.
42. Chatzisarantis, N.L.D., **Yli-Piipari, S.**, Wang, D., Swanson Schriefer, L., Wang, D., Barkoukis, V., & Hagger, M.S. (2019). Is the relationship between physical activity intentions and behavior convex? A test across 13 studies. *Psychology of Sport & Exercise*, *43*, 114-122. doi: 10.1016/j.psychsport.2019.01.013
41. Gråstén, A., **Yli-Piipari, S.**, Huhtiniemi, M., Salin, K., Seppälä, S., Lahti, J., Hakonen, H., & Jaakkola, T. (2019). Predicting accelerometer-based physical activity in physical education and total physical activity: The self-determination theory approach. *Journal of Human Sport and Exercise*, *14*, 1-16. doi: 10.14198/jhse.2019.144.05
40. Gråstén, A., & **Yli-Piipari, S.** (2019). The patterns of moderate to vigorous physical activity and physical education enjoyment through a 2-year school-based program. *Journal of School Health*, *89*, 88-98. doi: 10.1111/josh.12717
39. Kokkonen, J., **Yli-Piipari, S.**, Kokkonen, M., & Quay, J. (2018). Effectiveness of implementing a creative physical education intervention on elementary school students' leisure-time physical activity motivation and overall physical activity. *European Physical Education Review*, *19*(1), 18-34. doi: 10.1177/1356336X18775009
38. **Yli-Piipari, S.**, Layne, T., Hinson, J., & Irwin, C. (2018). Illuminating motivational pathways to physical activity participation in urban physical education: A cluster-randomized intervention study. *Journal of Teaching in Physical Education*, *37*, 123-132. doi.org/10.1123/jtpe.2017-0099
37. **Yli-Piipari, S.**, Berg, A., Hartzell, D., Parris, K., Udwardia, J., Laing, E.E., & Lewis, R.D. (2018). A 12-week lifestyle program to improve cardio-metabolic, behavioral, and psychological health in Hispanic children and adolescents. *Journal of Alternative and Complementary Medicine*, *24*(2), 132-138.
36. Jaakkola, T., **Yli-Piipari, S.**, Barkoukis, V., & Liukkonen, J. (2017). Relationships among perceived motivational climate, motivational regulations, enjoyment, and physical activity

- participation among Finnish physical education students. *International Journal of Sport and Exercise Psychology*, 15, 273-290. doi: 10.1080/1612197X.2015.1100209
35. **Yli-Piipari, S.**, Layne, T., McCollins, T., & Knox, T. (2016). The impact of classroom physical activity breaks on middle school students' health-related fitness: An Xbox One Kinetic delivered 4-week intervention. *Journal of Teaching, Research, and Media in Kinesiology*, 12, 1-18.
34. Zhang, T., Chen, A., **Yli-Piipari, S.**, Loflin, J., Wells, S., Schweighardt, R., Moennich, K., Hong, D., & Ennis, C. (2016). Prior knowledge determines interest in learning in physical education: A structural growth model perspective. *Learning & Individual Differences*, 51, 132-140. doi: 10.1016/j.lindif.2016.08.039
33. Jaakkola, T., **Yli-Piipari, S.**, Watt, A., & Liukkonen, J. (2016). Perceived physical competence, motivation and enjoyment in physical education as longitudinal predictors of adolescents' self-reported physical activity. *Journal of Science and Medicine in Sport*, 19, 750-754. doi: 10.1016/j.jsams.2015.11.003.
32. **Yli-Piipari, S.**, Kulmala, J., Jaakkola, T., Hakonen, H., Fish, J. C., & Tammelin, T. (2016). Objectively measured school day physical activity among elementary students in the United States and Finland. *Journal of Physical Activity & Health*, 13, 440-446. doi:10.1123/jpah.2015-0335 (Yli-Piipari 50%)
31. Chatzisarantis, N. L. D., Barkoukis, V., **Yli-Piipari, S.**, Thorgensen-Ntoumani, C., Ntoumanis, N., Hardcastle, S., & Hagger, M. (2015). Equal prioritisation does not yield lower levels of participation in physical activities than higher prioritisation. *Psychology of Sport and Exercise*, 22, 123-130. doi: 10.1016/j.psychsport.2015.07.001
30. Lauderdale, M., **Yli-Piipari, S.**, Irwin, C., & Layne, T. (2015). Gender differences regarding motivation for physical activity among college students: A self-determination approach. *Physical Educator*, 72(5), 149-168.
29. Inoue, Y., **Yli-Piipari, S.**, Layne, T., Chambliss, H., & Irwin, C. (2015). A preliminary study of a professional sport organization's family-centered health promotion initiative. *International Review on Public and Nonprofit Marketing*, 12, 189-205. Doi 10.1007/s12208-015-01356
28. Layne, T., & **Yli-Piipari, S.** (2015). Effects of sport education model on university students' game performance and content knowledge in basketball. *Journal of Sport Research*, 2(2), 24-26.
27. Jaakkola, T., Wang, C. K. J., **Yli-Piipari, S.**, & Liukkonen, J. (2015). A multilevel latent growth curve modeling of the development of motivation regulations in physical education. *Journal of Sports Science & Medicine*, 14, 163-171.

26. Jaakkola, T., **Yli-Piipari, S.**, Huotari, P., Watt, A., & Liukkonen, J. (2015). Fundamental movement skills and physical fitness as predictors of self-reported physical activity: A 6-year follow-up study across adolescence. *Scandinavian Journal of Medicine and Science in Sports*, 26, 74-81. doi:10.1111/sms.12407.
25. Grasten, A, **Yli-Piipari, S.**, Watt, A., Jaakkola, T., & Liukkonen, J. (2015). Effectiveness of school-initiated physical activity promotion on secondary school students' physical activity participation. *Journal of School Health*, 85(2), 125-134.
24. Zaman, K., **Yli-Piipari, S.**, & Hnat, T. W. (2014). Kinematic-based sedentary and light-intensity activity detection for wearable medical applications. *MMA '14 Proceedings of the 1st Workshop on Mobile Medical Applications*, 1, 28-33.
23. **Yli-Piipari, S.** (2014). Physical education reform in Finland. *Quest*, 66, 468-484. doi:10.1080/00336297.2014.948688
22. Liukkonen, J., Jaakkola, T., Kokko, S., Grasten, A., **Yli-Piipari, S.**, Koski, P., Tynjala, J., Soini, A., Stahl, T., & Tammelin, T. (2014). Results from the Finland's 2014 Report Card on physical activity for children and youth. *Journal of Physical Activity & Health*, 11(Supp 1), 51-57. doi:10.1123/jpah.2014-0168
21. **Yli-Piipari, S.** & Kokkonen, J. (2014). An application on the expectancy-value model to understand adolescents' performance and engagement in physical education. *Journal of Teaching in Physical Education*, 33, 250-268. doi:10.1123/jtpe.2013-0067
20. Soini, M, Liukkonen, J., Watt, A., **Yli-Piipari, S.**, & Jaakkola, T. (2014). Construct validity and internal consistency of the motivational climate in physical education scale. *Journal of Sports Science & Medicine*, 13(1), 137-144.
19. Zaman, K., White, A., **Yli-Piipari, S.**, & Hnat, T. W. (2014). K-Sense: A kinematic approach to measuring human energy expenditure for daily living activities. *Wireless Sensor Networks*, 8354, 166-181.
18. Kokkonen, M., Kokkonen, J., & **Yli-Piipari, S.** (2013). Koululiikuntaan liittyvät suoriutumisuskomukset ja arvostukset liikunnan arvosanan selittäjinä. *Kasvatus-Lehti*, 5, 522-532. [Expectancies and values in physical education. *Education*, 5, 522-532.]
17. Jaakkola, T. Saakslähti, A., **Yli-Piipari, S.**, Manninen, M., Watt, A., & Liukkonen, J. (2013). Student motivation associated with fitness testing in physical education context. *Journal of Teaching in Physical Education*, 32, 270-286.
16. Jaakkola, T., Washington, T., & **Yli-Piipari, S.** (2013). The association between motivation in school physical education and self-reported physical activity during Finnish junior high

school: The self-determination theory approach. *European Physical Education Review*, 19, 127-141. doi:10.1177/1356336X12465514

15. **Yli-Piipari, S.**, Barkoukis, V., Liukkonen, J., & Jaakkola, T. (2013). The effect of physical education cognition and affect in adolescent physical activity: A parallel process latent growth analysis. *Sport, Exercise, and Performance Psychology*, 2, 15-31. doi:10.1037/a0029806
14. **Yli-Piipari, S.**, Leskinen, E., Jaakkola, T., & Liukkonen, J. (2012). Predictive role of physical education motivation: The developmental trajectories of physical activity during grades 7-9. *Research Quarterly for Exercise and Sport*, 83(4), 560-578.
13. **Yli-Piipari, S.**, Jaakkola, T., Liukkonen, J., & Nurmi, J.-E. (2012). The effect of physical education students' beliefs and values in their physical activity: A growth mixture modelling approach. *International Journal of Sport and Exercise Psychology*, 10(4), 1-17. doi:10.1080/1612197X.2012.731191
12. **Yli-Piipari, S.**, Wang, J. C. K., Jaakkola, T., & Liukkonen, J. (2012). Examining growth trajectories of physical education students' motivation, enjoyment, and physical activity: A person-oriented approach. *Journal of Applied Sport Psychology*, 24, 401-417. doi:10.1080/10413200.2012.677096
11. Grasten, A., Jaakkola, T., Liukkonen, J., Watt, A., & **Yli-Piipari, S.** (2012). Prediction of the enjoyment in school physical education. *Journal of Sport Science and Medicine*, 11, 260-269.
10. **Yli-Piipari, S.** (2011). The development of students' physical education motivation and physical activity: a 3.5-year longitudinal study across grades 6 to 9. University of Jyväskylä (Dissertation). *Studies in Sport, Physical Education, and Health*, ISSN 0356-1070; 170.
9. **Yli-Piipari, S.** (2011). Nuoret arvostavat koululiikuntaa – Usko omiin kykyihin lisää liikunta-aktiivisuutta. [Students value school physical education – Expectancy-beliefs increase physical activity] *Liikunta & Tiede*, 48, 20-24.
8. **Yli-Piipari, S.** (2011). Motivoiko koululiikunta nuoria? [Does physical education motivate adolescents?] *Liikunta & Tiede*, 46, 20-24.
7. **Yli-Piipari, S.**, Kiuru, N., Jaakkola, T., Liukkonen, J., & Watt, A. (2011). The role of peer groups in male and female adolescents' task values and physical activity. *Psychological Reports*, 108, 75-93.
6. **Yli-Piipari, S.**, Jaakkola, T., & Liukkonen, J. (2010). Gender specific developmental dynamics between physical education task values and physical activity during junior high school. *Sport Science Review*, 19, 231-246. doi:10.2478/v10237-011-0039-2

5. Grasten, A., Jaakkola, T., Liukkonen, J., & **Yli-Piipari, S.** (2010). Koululaisten fyysisen aktiivisuuden ja liikuntatunneilla koetun autonomian muutokset 7. luokalta 9. luokalle. [Development of students' perceptions of autonomy during grades 7-9]. *Liikunta & Tiede*, 46, 38-44.
4. **Yli-Piipari, S.**, Jaakkola, T., & Liukkonen, J. (2009). Koululaisten fyysisen aktiivisuuden seuranta 6. luokalta 9. luokalle. [The changes in the physical activity of Finnish adolescents from grade 6 to 8 - A longitudinal study. *Liikunta & Tiede*, 46, 61-67 (Yli-Piipari 40%)
3. **Yli-Piipari, S.**, Liukkonen, J., Jaakkola, T., Watt, A., & Nurmi, J-E. (2009). Relationships between physical education students' motivational profiles, enjoyment, state anxiety, and self-reported physical activity. *Journal of Sport Science and Medicine*, 8, 327-336.
2. **Yli-Piipari, S.**, Liukkonen, J., & Jaakkola, T. (2008). Koululiikunnan tilanneahdistuneisuusmittarin suomenkielisen version validiteetti ja reliabiliteetti. [The validity and reliability of Finnish version of the physical education state anxiety scale]. *Liikunta & Tiede*, 46, 51-56.
1. **Yli-Piipari, S.**, & Jaakkola, T. (2006). 12-16-vuotiaiden kilpatanssijoiden viihtyminen yhden harjoituskauden aikana. [Enjoyment of 12–16-year old dancers during one practice season.]. *Liikunta & Tiede*, 43(6), 52-56.

SCIENTIFIC PRESENTATIONS (data-based, peer-reviewed)

Presented

37. Deng, Y. & **Yli-Piipari, S.** Parents shape their children's physical activity during unstructured recess through intrinsic value the children possess. *American Educational Research Association (AERA) Annual Meeting*. (presented only online due to 2020 pandemic)
36. Manninen, M., Deng, Y., Hwang, Y., & **Yli-Piipari, S.** Psychological need-supportive instruction improves intrinsic motivation and skill performance: A cluster randomized study. *2020 National Convention of the Society of Health and Physical Educators (SHAPE)*. (presented only online due to 2020 pandemic)
35. **Yli-Piipari, S.**, Hwang, Y., Deng, Y., & Manninen, M. (2019). Examination of instruction on motivation and novel skill performance: A self-determination theory approach. *Third Scientific Conference on Motor Learning Skill Acquisition*.

34. Deng, Y., Hwang, Y., & **Yli-Piipari, S.** (2019). Role of parents' expectancy-related beliefs and values on their children's physical activity during unstructured recess. *Integrated Public Health-Aligned Physical Education (IPHPE) Conference*. Columbia, US.
33. **Yli-Piipari, S.**, Manninen, M., Hwang, Y., Vishwanathan, M., Waller, S., & Evans, E.M. (2019). Effect of adolescents girls' summer camp on energy balance. *2019 National Convention of the Society of Health and Physical Educators (SHAPE)*. Tampa, US.
32. Berg, A., **Yli-Piipari, S.**, Selph, E., Lewis, R., Laing, E., Hollingsworth, T., Parris, K., & Hartzell, D. (2018). Improving dietary behaviors among guardians of overweight Hispanic adolescents: an evaluation of the CORE nutrition education program. *Society for Nutrition Education and Behavior Annual Meeting*. Minneapolis, US.
31. Vishwanathan, M., Sifre, M., Waller, S., Manninen, M., Evans, E.M., & **Yli-Piipari, S.** (2018). Weight status influences effectiveness of need-supportive physical activity summer camp in girls. *American College of Sports Medicine 65th Annual Meeting*. Minneapolis, US.
30. Cocca, A., Cocca, M., Daniel, F., Verdugo, E., Diaz Ochoa, E.A., & **Yli-Piipari, S.** (2018). Does physical fitness predict students' engagement in physical education classes? *2018 National Convention of the Society of Health and Physical Educators (SHAPE)*. Nashville, US.
29. **Yli-Piipari, S.**, & Layne, T. (2018). Parents' roles in children's beliefs and values of physical activity. *2018 National Convention of the Society of Health and Physical Educators (SHAPE)*. Nashville, US.
28. **Yli-Piipari, S.**, Knox, T., Manninen, M., & Layne, T. (2018). Effects of acute exercise physical activity program on academic achievement. *2018 National Convention of the Society of Health and Physical Educators (SHAPE)*. Nashville, US.
27. Selph, E., **Yli-Piipari, S.**, Lewis, R., Laing, E., Hollingsworth, T., Parris, K., Hartzell, D., & Berg, A. (2017). Improving weight management behaviors among guardians of overweight and obese Hispanic adolescents: An evaluation of the CORE nutrition education program. *American Public Health Association (APHA) Annual Meeting & Expo*. San Diego, US.
26. **Yli-Piipari, S.**, Smith, B., & Hollibaugh, C. I. (2017). A pediatrician-delivered gaming app-based exercise prescription: A pilot study. *2017 National Convention of the Society of Health and Physical Educators (SHAPE)*. Boston, US.
25. Layne, T., **Yli-Piipari, S.**, & McCollins, T. (2016). The impact of classroom physical activity breaks on middle school students' health-related fitness: A 4-week intervention. *2016*

AIIESEP International Conference: Blazing New Trails: Future Directions for Sport Pedagogy and Physical Activity. Laramie, Wyoming, US.

24. Martindale, T., Ullmann, G., Krull, L., Stockton, M. B., **Yli-Piipari, S.**, & Ward, K. D. (2016). Designing and managing an instructional, user-contributed web resource for preventing childhood obesity. *Association for Educational Communications and Technology*, Las Vegas, US.
23. Stockton, M. B., Ullmann, G., Krull, L., **Yli-Piipari, S.**, Martindale, T., & Ward, K. D. (2016). Formative evaluation of a web-based professional development program to increase physical activity in K-12 classrooms. *American College of Sports Medicine 63rd Annual Meeting*. Orlando, US.
22. **Yli-Piipari, S.**, Layne, T., & Irwin, C. (2016). A randomized controlled trial to test the feasibility of the Trans-Contextual Model in physical activity. *American College of Sports Medicine 63rd Annual Meeting*. Boston, US.
21. **Yli-Piipari, S.**, Ullmann, G., Krull, L., Martindale, T., Stockton, M. B., & Ward, K. D. (2016). Teachers' attitudes toward in-class physical activity: FitWizard web-based professional development. *2016 National Convention of the Society of Health and Physical Educators (SHAPE)*. Boston, US.
20. **Yli-Piipari, S.**, Tammelin, T., & Jaakkola, T. (2016). School policies and elementary students' objectively measured school day physical activity: A comparative sample between the United States and Finland. *2016 Active Living Research Annual Conference*. Clearwater Beach, US.
19. **Yli-Piipari, S.** (2015). The role of fundamental motor skills in adolescents' physical activity: A 6-year follow-up. *American Educational Research Association (AERA) Annual Meeting*. Chicago, US.
18. Chapatte-Ramos, B., Fish, J. C., Loflin, J. W., & **Yli-Piipari, S.** (2015). Objective evaluation of teachers' need-supportive instructional practices in physical education. *National Convention of the Society of Health and Physical Educators (SHAPE)*. Seattle, US.
17. Fish, J. C., Chapatte-Ramos, B., Loflin, J. W., & **Yli-Piipari, S.** (2015). Issues on fidelity of implementation of the randomized controlled intervention. *National Convention of the Society of Health and Physical Educators (SHAPE)*. Seattle, US.
16. Zaman, K., **Yli-Piipari, S.**, & Hnat, T. W. (2014). Kinematic-based sedentary and light-intensity activity detection for wearable medical applications. *1st International Workshop on Mobile Medical Applications*. Memphis, US.

15. Li, Y., Collins, C., Bell, S., Paquette, M.R., & **Yli-Piipari, S.** (2014). Effects of 4-week agility training on foot speed and sport-specific agility in female collegiate tennis players: A pilot study. *Annual Conference of the North American Society for the Psychology of Sport and Physical Activity*. Minneapolis, US.
14. **Yli-Piipari, S.**, Zaman, K., & Hnat, T. W. (2014). Validation of K-Sense: A new wearable sensor approach for light-intensity energy expenditure estimation. *American College of Sports Medicine Annual Meeting*. Orlando, US.
13. Zhang, T., Chen, A., **Yli-Piipari, S.**, Loflin, J., Wells, S., Schweighardt, R., Moennich, K., Hong, D., & Ennis, C.D. (2014). Prior knowledge determines interest in learning in physical education: A structural growth. *American Educational Research Association (AERA) Annual Meeting*. Philadelphia, US.
12. **Yli-Piipari, S.**, Layne, T., & Irwin, C. (2014). An autonomy-supportive intervention on physical education motivation and physical activity. *Alliance for Health, Physical Education, Recreation and Dance National (AAHPERD) Convention*. St Louis, US.
11. Inoue, Y., & **Yli-Piipari, S.** (2014). Conceptualizing the power of athletes to promote sustainable health behavior change: A self-determination theory perspective. *2nd Annual Ali Center Athletes and Social Change Forum*. Louisville, US.
10. **Yli-Piipari, S.** (2013). Longitudinal Relationships between Motivation Climate and Intrinsic Motivation: A Parallel Process Modeling Approach. *5th International Self-Determination Conference*. Rochester, US.
9. **Yli-Piipari, S.** (2013). Motivating Students in Middle School Physical Education. *Alliance for Health, Physical Education, Recreation and Dance National (AAHPERD) Convention*. Charlotte, US.
8. **Yli-Piipari, S.** (2012). The role of parents in physical education students' achievement. *Alliance for Health, Physical Education, Recreation and Dance National (AAHPERD) Convention*. Boston, US. Accepted but not presented due to the conference cancellation.
7. **Yli-Piipari, S.** (2011). Prediction strength and limit of achievement goal and self-regulation motivation: Behavioral transition in physical education from elementary to junior high school. American Educational Research Association (AERA) Annual Meeting. New Orleans, US.
6. **Yli-Piipari, S.** (2011). Students' physical activity across Finnish junior high school. *2011 American Alliance for Health, Physical Education, Recreation and Dance National (AAHPERD) Convention*. San Diego, US.

5. **Yli-Piipari, S.** & Jaakkola, T. (2011). Latent growth trajectories of adolescent physical education motivation: Testing parallel process and gender differences. *National Association of Kinesiology and Physical Education in Higher Education (NAKPEHE) 2011 Conference*. Orlando, US.
4. **Yli-Piipari, S.**, Liukkonen, J., & Barkoukis, V. (2010). Self-determined motivational climate and students' emotional experiences. *4th International Self-Determination Conference*. Ghent, Belgium.
3. **Yli-Piipari, S.**, Liukkonen, J., & Jaakkola, T. (2009). Relationships between physical education students' motivational profiles, enjoyment, anxiety, & self-reported physical activity. *2009 International Association for Physical Education in Higher Education (AIESEP) World Specialist Symposium*. Pensacola, US.
2. **Yli-Piipari, S.** (2008). Motivational profiles and their relations to enjoyment and state anxiety in Finnish physical education. *2nd Ibero American Summit on Physical Education and School Sports: Panel of Specialists*. Havana, Cuba.
1. **Yli-Piipari, S.**, Liukkonen, J., & Jaakkola, T. (2007). Dancers' enjoyment during one-year training period. *European Federation of Sport Psychology (FEPSAC) Annual Conference*. Halkidiki, Greece.

REGIONAL PRESENTATIONS (instructional/policy)

- Yli-Piipari, S.** (2013). Autonomy-supportive classroom interventions on student motivation and engagement. *Educational Psychology Colloquium*. University of Memphis, US. (not peer reviewed)
- Yli-Piipari, S.** (2013). Student motivation in middle school physical education. *Tennessee Alliance of Health, Physical Education, Recreation and Dance*. Murfreesboro, US. (not peer reviewed)
- Yli-Piipari, S.** (2013). Enhancing student motivation in school physical education. *Shelby County School District. Health, Physical Education, Lifetime, & Wellness In-service*. Memphis, US. (not peer reviewed)
- Ennis, C. D., Chen, A., Chen, S., Hong, D., Loflin, J., Pasco, D., **Yli-Piipari, S.**, Zhang, T., & Zhu, X. (2011). Evidence-based practice: Teaching fitness with the Science, PE, & Me! Curriculum - A hands-on workshop for PE teachers. *Southern District Alliance for Athletics, Health, Physical Education, Recreation, and Dance (SDAAHPERD) Annual Meeting*. Greensboro, US.

Ennis, C. D., Chen, S., Hong, D., Loflin, J., Pasco, D., Sympas, I., **Yli-Piipari, S.**, & Zhang, T. (2010). Science, P.E., & Me! *North Carolina Alliance for Athletics, Health, Physical Education, Recreation, and Dance (NCAAHPERD) Annual Meeting*. Winston-Salem, US.

EXTERNAL FUNDING**[in total: \$684,499]****Ongoing**

Yli-Piipari, S., Deng, Y., McCullick, B., Kindamo, E., Haynie, L., & Wenrich, K. (2019-2020). \$3,350. First-year college students' physical activity and dietary behaviors: A school-year follow-up study. *Student Affairs Academic Partnership*. Role: PI.

Completed

Yli-Piipari, S. (2018-2019). \$31,640. Confidence ownership responsibility exercise CORE intervention for adolescent obesity. *Georgia Research Alliance*. Role: PI.

Yli-Piipari, S., Schmidt, M., & Evans, E. (2017-2018). Faculty Grant. \$9,770. Comparing the longitudinal psychological and behavioral effects of active video gaming and traditional aerobic training: A randomized controlled trial *University of Georgia*. Role, PI.

Yli-Piipari, S., & Evans, E. (2016-2017). Early Career Faculty Grant. \$5,000. *University of Georgia, College of Education*. Role: PI.

Ward, K., **Yli-Piipari, S.**, Martindale, T., Stockton, M., & Ullman, G. (2013-2016). FitWizard (aka Project Diabetes). \$407,739. *Tennessee State Department of Health*. Role: Co-PI.

Irwin, C., Irwin, R., Layne, T., & **Yli-Piipari, S.** (2014). Factors associated with pathway from beginning swimming to competitive swimming for minority participants. \$12,000. *USA Swimming*. Role: Co-I.

Yli-Piipari, S. (2013-2014). An autonomy-supportive intervention on physical education motivation and physical activity \$5,000. *SHAPE (aka AAHPERD) Research Consortium Early Career Research Grant*. Role: PI.

Chambliss, H., Layne, T., **Yli-Piipari, S.**, & Irwin, C. (2012-2013). Family Fitness Challenge. \$7,500. *Memphis Grizzlies*. Role: Co-I.

Yli-Piipari, S., Layne, T., & Irwin, C. (2013). Technology access scholarship \$11,600. *University of Memphis*. Role: PI.

Yli-Piipari, S. (2010). Fulbright Graduate Grant for PhD research in the U.S. \$15,000. *Finland – U.S. Educational Exchange Commission*. Role: PI.

- Yli-Piipari, S., & Liukkonen, J. (2007).** The development of students' physical education motivation and physical activity: A 3.5-year longitudinal study across grades 6 to 9. 95,000 EUR [\$133,000]. *Finnish Ministry of Education and Culture*. Role: PI
- Yli-Piipari, S. (2010).** Finnish Cultural Foundation Grant for PhD research in the US. 11,000 EUR [\$15,400 USD]. *Finnish Cultural Foundation*. Role: PI.
- Yli-Piipari, S. (2007).** The development of students' physical education motivation and physical activity: A 3.5-year longitudinal study across grades 6 to 9. 16,000 EUR [\$22,400]. *Finnish Sport Institute Foundation*. Role: PI
- Yli-Piipari, S., Liukkonen, J., & Jaakkola, T. (2007).** The effect of the one year ASLAK® - rehabilitation: Construction workers' motor skills, motivation, & cardiovascular fitness. 11,000 EUR [\$15,400]. *Joint Project of University of Jyväskylä and Peurunka Rehabilitation Center (JYPE –project)*. Role: PI
- Not Funded**
- Yli-Piipari, S., Schmidt, M., vanDellen, M., & Bau, J.J. (2018).** CORE for Community: Multi-level program to prevent type 2 diabetes among minority adolescent males. \$642,497.00. *National Institutes of Health (R01)*. Role PI.
- Schmidt, M., Smith, R., **Yli-Piipari, S., & Moore, C. (2017).** Wearable technology to foster learning and health among underserved middle school students. \$49,978. *ILSI*. Role: Co-I.
- Yli-Piipari, S., Dishman, R., & McCullick, B. (2016).** Initiating sustainable physical activity behavior through high school wellness programs: A randomized controlled trial to improve students' autonomous physical activity motivation. \$674,193. *National Institutes of Health (R01)*. Role PI.
- Yli-Piipari, S., & Udwadia, J. (2016).** An examination of augmented video games on the cardio-metabolic, behavioral, and psychological outcomes among children with weight-related health concerns: A Pokémon Go Craze. \$25,000. *The Obesity Society*. Early Career Research Grant. Role PI.
- Schuster, B.L., **Yli-Piipari, S., Laing, E., Lewis, R.D., & Suveg, C.M. (2016).** Childhood obesity research demonstration 2.0. \$1,149,347. *CDC*. Role Co-I.
- Tomporovski, P., Gay, J., McCullick, B., **Yli-Piipari S., & Schwanenflugel, P. (2015).** The physical activity and learning translational research partnership. \$399,967. *Spencer Foundation*. Role: Co-I.
- Yli-Piipari, S., Lewis, R.D., Young, H.N., Shen, Y., Laing, E. (2015).** An examination of the CORE lifestyle program on the cardio-metabolic and behavioral outcomes among high-risk

Hispanic children with multiple weight-related health risks. \$30,000. *UGA Clinical and Translational Research Unit Seed Grant Program*. Role: PI.

Yli-Piipari, S., & Hnat, T. (2014). New kinematic modeling approach for light-intensity energy expenditure estimation. \$354,834. *National Institutes of Health (R21)*. Role: PI.

Yli-Piipari, S., & Chen, A. (2014). An international comparison of academic education policies on students' physical activity. \$147,397. *National Institutes of Health (R33)*. Role: PI.

Yli-Piipari, S. & Inoue, Y. (2013 and 2014). Grizzlies FitBody fitness curriculum. \$39,963. *AETNA Research Foundation*. Role: PI.

Inoue, Y., **Yli-Piipari, S.**, & Ahn, S. (2013). Evaluating the impact of the engagement of professional sports on high school students' participation in the School Breakfast Program in inner-city schools. \$142,537. *Robert Wood Johnson Foundation*. Role: Co-PI.

Yli-Piipari, S. (2013). Effects of an autonomy-supportive intervention on physical education motivation and physical activity. \$6,000. *University of Memphis Faculty Research Grants*. Role: PI.

Yli-Piipari, S. (PI) (2012). The effect of the science-based healthful living curriculum in the development of adolescents' physical activity: Randomized clinical trial. 90,000 EUR [\$117,000]. *The Foundations PostDoc Pool*. Role: PI.

RELEVANT WORK EXPERIENCE IN HIGHER EDUCATION

2015-	Assistant Professor, Director of the Children's Physical Activity and Fitness Laboratory, University of Georgia
2012 – 2015	Assistant Professor, Director of the Physical Activity and Exercise Psychology Laboratory, University of Memphis
2011 – 2012	PostDoctoral Scholar, University of North Carolina at Greensboro
2010 – 2011	Fulbright Scholar, University of North Carolina at Greensboro
2009 – 2011	Research Associate (Faculty position), University of Jyväskylä
2008 – 2009	Instructor (part time), University of Jyväskylä
2007 – 2008	Lecturer, University of Jyväskylä
2006 – 2007	Graduate Researcher, University of Jyväskylä (JYPE-project)

TEACHING EXPERIENCE IN HIGHER EDUCATION

Undergraduate Courses:

University of Georgia (3 credit courses)

Fall 2015-2017 KINS4340 Health Education Curriculum and Teaching in School Health Education

Fall 2016 & 2017 KINS4360 Curriculum Models and Assessment in Physical Education

Spring 2016 & 2017 KINS3105 Teaching Methods for Health-Related Fitness

Spring 2017 KINS5460 Student Teaching in Physical Education

University of Memphis (3 credit courses)

Fall 2013 & 2014 PETE3307 Psychosocial Aspects of Sport

Fall 2012 & 2013 PETE4401 Learner Assessment in Physical Education

Spring 2013 & 2014 EXSS3450 Psychosocial Aspects of Exercise

University of Greensboro (1 credit courses)

Spring 2012 KIN219 Personal Skill Development

Fall 2011 KIN 218 Educational Games

University of Jyväskylä (3 credit courses)

Fall 2008 LPE002 Physical Education Didactics I

Graduate Courses:

University of Memphis (3 credit courses)

Fall 2012 PETE7202 Curriculum Models in Physical Education

Spring 2013 PETE7501 Advanced Organization and Analysis of Instruction in Physical Education

Spring 2012 & 2014 PETE7203 Learner Assessment and Program Evaluation in Physical Education

Fall 2014 PETE7501 Advanced Organization and Analysis of Instruction in Physical Education (ONLINE CLASS)

University of Jyväskylä (6 credit courses)

Fall 2009 - Spring 2010 LTKY009 Research Seminar I

Fall 2007 - Spring 2008 LPE309 Master Thesis Seminar I

Fall 2007 - Spring 2008 LPE0218 Research Methods in Sport Sciences

Fall 2009 - Spring 2010 LTKS003 Advanced Quantitative Analysis

Fall 2009 - Spring 2010 LTK012 Quantitative Analysis

DESIGNED GRADUATE LEVEL ONLINE COURSES IN HIGHER EDUCATION

2014	PETE7006 Instruction in Physical Education (with Dr. Layne)
2014	PETE7501 Advanced Organization and Analysis of Instruction in Physical Education
2014	PETE7203 Learner Assessment and Program Evaluation in Physical Education

STUDENT HONORS AND RECOGNITIONS

Marlyse Sifre (2017)	UGA CURO Undergraduate Honors Research Scholarship
Kellie Waller (2016)	UGA CURO Undergraduate Honors Research Scholarship

GRADUATE STUDENTS

PhD Supervision:

Mika Manninen (2019). An examination of the efficacy of the need-supportive instruction on motivation, skill performance, and affect.

Yangyang Deng (ongoing)

YongJu Hwang (ongoing)

PhD Committees:

Sophie Waller (2020).

Sara Campbell (2020).

McCluney, N.E. (2018). An investigation of high school teacher/coaches' navigation of dual occupational roles. (Dissertation Committee Member)

Swanson, L. (2015). Understanding the influence of the coach and team relationships on sport motivation in collegiate student-athletes. (Dissertation Committee Member)

Graduate Thesis Committees:

Mikezc, S. The balance between energy expenditure and dietary intake of female collegial tennis and soccer players during a competitive season. (Thesis Committee Chair)

Collins, C. (2014). Effects of 4-week agility training on foot speed and sport specific agility in female collegiate tennis players: A pilot study. (Thesis Committee Member)

Lauderdale, M. (2014). College student motivation to exercise: A self-determination approach. (Thesis Committee Member)

- Campbell, J. (2013). Differences in high school student attitudes toward physical education: from Memphis, Tennessee to Lower Hutt, New Zealand. (Thesis Committee Member)
- Eskelinen, E. (2009). *Viiden oppilaan kokeman tilanneahdistuneisuus koulun liikuntatunnilla*. [State anxiety in physical education – qualitative study]. (Thesis Committee Member)
- Nortunen, M. (2009). *Luokanopettaja liikunnanopettajana: Luokanopettajien liikuntapedagogiset ja liikuntadidaktiset taidot*. [Physical education teacher: Pedagogical and methodological teaching skills]. (Thesis Committee Member)
- Kauhanen, J. (2009). *Liikunnanopettajan luoman motivaatioilmaston yhteys 8-luokkalaisten oppilaiden ahdistuneisuuteen liikuntatunneilla*. [The relation between motivational climate and physical education anxiety]. (Thesis Committee Member)
- Malk, S., & Taponen, A. (2009). *Hymyä ja hyvinvointia hakemassa - aikuisten vapaa-aika- ja yrityspalvelutuotteisiin osallistuvien liikuntamotiivit ja liikuntaharrastuneisuus*. [Leisure time physical activity – motives and engagement]. (Thesis Committee Member)
- Talvitie, T. (2009). *Vertaisryhmien kokema koulun liikuntatuntien motivaatioilmasto ja koulun liikuntatunneilla viihtyminen 6. luokalla*. [The role of peer groups in creating physical education motivational climate]. (Thesis Committee Member)

Graduate Applied Project Committees:

- Robertson, L. (2014). Psychological and physiological effects of Krav Maga training (Applied Project Committee Member)
- Dowell, C. (2014). Role of intrinsic, extrinsic motivation and Self-determination in adolescents' physical education participation (Applied Project Committee Member)
- Wyatt, D. (2013). Splash Mid-South. (Applied Project Committee Member)
- Bocz, R. (2013). Adolescents' physical education experiences: Do they impact college students' motivation to be physically active? (Applied Project Committee Member)
- Pluta, C. (2013). Female collegiate athlete nutritional perceptions and habits: A practical inquiry for the strength and conditioning coach (Applied Project Committee Member)

PROFESSIONAL SERVICES

Editorial Board Member:

Journal of Teaching, Research, and Media in Kinesiology

Add Hoc Reviewer:

BMC Public Health

PLOS

Kinesiology

Research Quarterly for Exercise and Sport

Journal of Teaching in Physical Education

Advances in Physical Education

European Physical Education Review

Sport, Education, and Society

Educational Psychology

International Journal of Sport and Exercise Psychology

Journal of Applied Sport Psychology

Learning and Individual Differences

Perceptual and Motor Skills

Journal of Sport Science and Medicine

Journal of Sport & Health Sciences

Journal of Applied Social Psychology