

CURRICULUM VITAE

SAMI YLI-PIIPARI, Ph.D.

University of Georgia

Department of Kinesiology

Mary Francis Early College of Education

CONTACT

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CURRENT POSITION

- | | |
|-------|--|
| 2020- | Associate Professor of Children's Physical Activity and Fitness and School Health Promotion, University of Georgia (0.30 instruction, 0.30 research, 0.15 service) |
| 2015- | Director of Children's Physical Activity and Fitness Laboratory (CPAF), University of Georgia |
| 2022- | Co-director of the Sport Instruction Research Laboratory (SIRL), University of Georgia |

ACADEMIC POSITIONS

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|-------------|--|
| 2015-2020 | 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 | PhD Graduate Research Assistant, University of Jyväskylä |
| 2008 – 2009 | Instructor (part time), University of Jyväskylä |

2007 – 2008	Lecturer (1-year contract), University of Jyväskylä
2006 – 2007	Graduate Research Assistant, University of Jyväskylä (JYPE-project)

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's of Sport Sciences degree) 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

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

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

Published

86. Park, J., Yun, S., Kim, T., Lorenzo, V., Prieto, J., Vu, M., & **Yli-Piipari, S.** (2026). Promoting adolescent cardio-metabolic health through a psychological need-supportive online lifestyle intervention. *Sport Sciences for Health*, 22, e276. doi: 10.1007/s11332-026-01879-3 (Yli-Piipari 25%)
85. Kirk, TN., Yun, S., Park, J., Sim, J., & **Yli-Piipari, S.** (2026). Barriers to campus-based physical activity among students who experience disability: A preliminary study. *Recreational Sports Journal*, 50(1), 36-46. doi: 10.1177/15588661251395652 (Yli-Piipari 30%)
84. Hwang, Y., Deng, Y., Kim, T., & **Yli-Piipari, S.** (2026). Testing the efficacy of need-supportive instruction on skill performance, motivation, and affect. *Journal of Physical Education and Sport*, 26(5), 1030-1040. doi:10.7752/jpes.2026.05105 (Yli-Piipari 30%)
83. Park, J., Yun, S., Huhtiniemi, M., Gråstén, A., Jaakkola, T., & **Yli-Piipari, S.** (2025). Examining the construct validity and stability of physical literacy in adolescents and its

longitudinal relationship with physical activity. *Journal of Sports Sciences*. doi: 10.1080/02640414.2025.2574188 (Yli-Piipari 20%)

82. Sim, J., Yun, S., Park, J., Jin, J., Yli-Piipari, S., & Kirk, TN. (2025). Experiences of individuals with visual impairments in adapted and non-adapted group exercise programs. *Adapted Physical Activity Quarterly*, 43(1), 62-71. doi: 10.1123/apaq.2025-0007 (Yli-Piipari 10%)
81. **Yli-Piipari, S., Hwang, Y., Kim, T., Deng, Y., Park, J., Yun, S.** (2025). Development and validation of a structured observation scale to measure physical activity instructors' need-supportive and -thwarting strategies. *Journal of Physical Education and Sport*, 25(8), 1586-1594. (Yli-Piipari 30%)
80. **Yli-Piipari, S., Park, J., Yun, S., Deng, Y., Niemistö, D., Kolunsarka, I., Huhtiniemi, M., Gråstén, A., & Jaakkola, T.** (2025). Examination of childhood cardiovascular disease risk profiles: Focus on movement phenotypes. *European Journal of Pediatrics*, 184(7), 428. doi: 10.1007/s00431-025-06269-4 (Yli-Piipari 50%)
79. Gråstén, A., Tremblay, M., Ortega, F., Jaakkola, T., Yli-Piipari, S., & Alnuaimi, J. (2025) Physical activity strategies for preventing school-aged children's overweight and obesity: A systematic review. *Journal of Public Health Policy*. doi: 10.1057/s41271-025-00571-z (Yli-Piipari 15%)
78. Frederick, G.M, Threadgill, G.E., **Yli-Piipari, S., & Kirk, T.N.** (2025). Validity of the International Physical Activity Questionnaire – short form among individuals with visual impairments. *Research Quarterly in Exercise and Sport* 96(4), 723-731. doi: 10.1080/02701367.2025.2494266 (Yli-Piipari 20%)
77. Kim, T., Yun, S., Park, J., & Yli-Piipari, S. (2025). Cluster randomized controlled trial to compare online and in-person motor skill acquisition. *Journal of Motor Learning and Development*. 1-15. doi: 10.1123/jtpe.2024-0327 (Yli-Piipari 40%)
76. Kim, T., Park, J., Yun, S., & Yli-Piipari, S. (2025). Teaching motor and specialized skills online: A systematic review. *Kinesiology Review*, 14(3), 301-315. doi: 10.1123/kr.2024-0018. (Yli-Piipari 30%)
75. Park, J., Yun, S., & Yli-Piipari, S. (2025). Becoming future health professionals: The impact of experiential learning on health and exercise science students' pre-professional identity. *Pedagogy in Health Promotion*, 11(3), 162-172. doi: 10.1177/23733799241311844 (Yli-Piipari 20%)
74. Yun, S., Park, J., & Yli-Piipari, S. (2024). Supporting psychological needs online: Learning and teaching experiences of physical activity educators. *Journal of Teaching Physical Education*. (ahead of print). doi: 10.1123/jtpe.2024-0223 (Yli-Piipari 30%)

73. Deng, Y., Manninen, M., Hwang, Y., Kim, T., & Yli-Piipari, S. (2024). Efficacy of lifestyle interventions to treat pediatric obesity: A systematic review and multivariate meta-analysis of randomized controlled trials. *Obesity Reviews*, 25(11): e13817. doi: 10.1111/obr.13817 (Yli-Piipari 20%)
72. Yun, S., Jaakkola, T., Huhtiniemi, M., Gråstén, A., Park, J., & Yli-Piipari, S. (2024). Psychological needs satisfaction in physical education predicts a positive development of motivation in early adolescence: A latent growth modeling study. *European Physical Education Review*, 31(2), 295-313). doi: 10.1177/1356336X241269612 (Yli-Piipari 30%)
71. Deng, Y., **Yli-Piipari, S.**, El-Shahawy, O., & Tamura, K. (2024). Trends and disparities in obesity among US adolescents: the NHANES from 2007 to 2020. *Plos One*, 9, 19(10), e0290211. doi: 10.1371/journal.pone.0290211 (Yli-Piipari 15%)
70. Kim, T., Park, J., Yun, S., Hwang, Y., Kirk, N., Lindsey, K. A., & Yli-Piipari, S. (2024). Comparing two child obesity interventions to improve body composition, motivation, and well-being: A feasibility study. *Journal of Teaching, Research, and Media in Kinesiology*, 10, 1-9. (Yli-Piipari 30%)
69. Hunsu, N., J., Adesope, O., & **Yli-Piipari, S.** (2024). A path model analysis of students' preform factors and comprehension strategies on cognitive learning outcomes associated text comprehension. *Frontiers in Education*. 9, e1239261. doi: 10.3389/educ.2024.1239261. (Yli-Piipari 15%)
68. Hwang, Y., Kim, T., Deng, Y., Howell, M., Walker, B., & Yli-Piipari, S. (2023). The effects of coach-created motivational climate during COVID-19 pandemic on the prevalence of anxiety and depression in collegiate student-athletes. *Journal of Teaching, Research, and Media in Kinesiology*, 9, 12-18. (Yli-Piipari 20%)
67. Deng, Y., Hwang, Y., Campbell, S., McCullick, B.A., & Yli-Piipari, S. (2023). Institutional factors associated with college students' healthy physical activity and body composition: A first semester follow-up. *Journal of American College Health*, 71(4), 1134-1142. doi: 10.1080/07448481.2021.1922416 (Yli-Piipari 30%)
66. Deng, Y., Hwang, Y., Kim, T., & Yli-Piipari, S. (2022). First semester changes in college students' objectively-measured physical activity and dietary behaviors. *Journal of American College Health*, 3, 1-6 (ahead of print). <https://doi.org/10.1080/07448481.2022.2135379>. (Yli-Piipari 20%).
65. Manninen, M., Dishman, R., Hwang, Y., Magrum, E., Deng, Y., & Yli-Piipari, S. (2022). Self-determination theory based instructional interventions and motivational regulations in organized physical activity: A systematic review and multivariate meta-analysis. *Psychology*

of Sport and Exercise, 60, 102248. doi: <https://doi.org/10.1016/j.psychsport.2022.102248>
(Yli-Piipari 30%)

64. Deng, Y., Hwang, Y., Kim, T., & Yli-Piipari, S. (2022). Changes in college students' body mass index, physical activity, and motivation before and during the COVID-19 third-wave lockdown. *International Journal of Kinesiology and Sport Sciences*, 10(2), 34-41. (Yli-Piipari 30%)
63. Chen, S., Wang, B., Imagbe, S., Gu, X., Androzzi, J., Liu, Y., Hu, G., **Yli-Piipari, S.**, & Staiano, A.E. (2022). Adolescents' behaviors, fitness, and knowledge related to active living before and during the COVID-19 pandemic: A repeated cross-sectional analysis. *International Journal of Environmental Research and Public Health*, 19(5), 2560. doi: 10.3390/ijerph19052560 (Yli-Piipari 10%)
62. Campbell, S., Manninen, M., & **Yli-Piipari, S.** (2022). Connecting theory to practice: How psychological need-supportive coaching improves athlete motivation. *International Journal of Sports Science & Coaching. Journal of Physical Education, Recreation & Dance*, 93(1), 28–35. doi: 10.1080/07303084.2021.2000531 (Yli-Piipari 40%)
61. Hwang, Y., Manninen, M., Waller, S., Deng, Y., Schmidt, M., Evans, E.M., Chen, S., & **Yli-Piipari, S.** (2022). Short- and longer-term psychological and behavioral effects of exergaming and traditional aerobic training: A randomized controlled trial. *International Journal of Sport & Exercise Psychology*, 21(1), 120-137. doi: 10.1080/1612197X.2021.2025135 (Yli-Piipari 40%)
60. Hunsu, N., Kehinde, O., Adesope, O., & **Yli-Piipari, S.** (2022). Single vs multiple factor scores: A bifactor analysis of the dimensionality of an abridged Academic Resilience Scale. *Journal of Psychoeducational Assessment*, 40(3), 346 - 359. doi: 10.1177/07342829211056391 (Yli-Piipari 15%)
59. Deng, Y., Hwang, Y., Layne, T., & **Yli-Piipari, S.** (2021). Parents' role in shaping children's physical activity during unstructured recess. *International Journal of Physical Education, Fitness and Sports*, 10(3), 103-113. doi:10.34256/ijpefs21311 (Yli-Piipari 35%)
58. **Yli-Piipari, S.**, Gråstén, A., Huhtiniemi, M., Salin, K., & Jaakkola, T. (2021). One-year stability of physical education -centered physical literacy indicators on objectively measured physical activity. *European Physical Education Review*, 27(3), 436-454. doi: 10.1177/1356336x211046302 (Yli-Piipari 30%)
57. Jaakkola, T., **Yli-Piipari, S.**, Huhtiniemi, M., Salin K., Hakonen, H., & Gråstén, A. (2021). Motor competence and health-related fitness among school-aged children: A two-year latent

transition analysis. *Medicine & Science in Sports & Exercise*. (ahead of print) doi: 10.1249/MSS.0000000000002746 (Yli-Piipari 15%)

56. Layne, T., **Yli-Piipari, S.** & Knox, T. (2021). Physical activity break program to improve elementary students' executive function and mathematics performance. *Education 3-13*, 49(5), 583-591. doi: 10.1080/03004279.2020.1746820 (Yli-Piipari 30%)
55. Manninen, M., & Yli-Piipari, S. (2021). 10 Practical strategies to motivate students in physical education: Psychological need-support approach. *Strategies*, 33, 24-30. doi: 10.1080/08924562.2020.1867270 (Yli-Piipari 50%)
54. Zhang, T., Wang, Y., **Yli-Piipari, S.**, & Chen, A. (2021). Power of the curriculum: Content, context and learning in physical education. *Research Quarterly for Exercise and Sport*, 92(4), 689-700. doi: 10.1080/02701367.2020.1768202 (Yli-Piipari 20%)
53. **Yli-Piipari, S.**, Gråstén, A., Huhtiniemi, M., Salin, K., Seppälä, S., Hakonen, H., & Jaakkola, T. (2021). Predictive strength of physical education -centered physical literacy indicators on physical activity. *Journal of Teaching in Physical Education*, 40(2):303-311. doi: 10.1123/jtpe.2019-0144 (Yli-Piipari 30%)
52. Thompson, S., Evans, E.M., & **Yli-Piipari, S.** (2020). An exposure-based intervention dismantles college-aged females' barriers for resistance training: Project WONDER training. *International Journal of Physical Education, Fitness and Sports*, 9, 1-16. doi: 10.34256/ijpefs2041 (Yli-Piipari 40%)
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 Sport & Exercise Psychology*, 20(1), 122-146. doi: 10.1080/1612197X.2020.1826999 (Yli-Piipari 30%)
50. Gråstén, A., **Yli-Piipari, S.**, Huhtiniemi, M., Salin, K., Hakonen, H., & Jaakkola, T. (2020). A one-year follow-up of basic psychological need satisfactions and accelerometer-based physical education and total physical activity scores. *European Physical Education Review*. doi: 10.1177/1356336X20957356 (Yli-Piipari 20%)
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*, 5, 480-487. doi: 10.1002/tsm2.156 (Yli-Piipari 20%)
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 (Yli-Piipari 30%)

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*, 19, 1243-1248. doi: 10.1016/j.jsams.2019.06.018 (Yli-Piipari 20%)
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 (Yli-Piipari 30%)
45. **Yli-Piipari, S.** (2019). Energy expenditure and dietary intake of female collegiate tennis and soccer players during a competitive season. *Kinesiology*, 15, 70-77. doi: 10.26582/k.51.1.11 (Yli-Piipari 100%)
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. (Yli-Piipari 55%)
43. **Yli-Piipari, S.**, Manninen, M., Smith B., Hollibaugh, C., Chambliss, H, & Udwadia, J. (2019). An examination of the pediatrician-prescribed gaming app-based exercise prescription: A pilot study. *Journal of Teaching, Research, and Media in Kinesiology*, 15, 1-22. (Yli-Piipari 50%)
42. Chatzisarantis, N.L.D., **Yli-Piipari, S.**, Wang, D., Swanson Schrieffer, 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 (Yli-Piipari 15%)
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, 757-771. doi: 10.14198/jhse.2019.144.05 (Yli-Piipari 25%)
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(2), 88-98. doi: 10.1111/josh.12717 (Yli-Piipari 35%)
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 (Yli-Piipari 25%)

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(2), 123-132. doi.org/10.1123/jtpe.2017-0099 (Yli-Piipari 90%)
37. **Yli-Piipari, S.**, Berg, A., Hartzell, D., Parris, K., Udwadia, 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 Contemporary Medicine*, 24(2), 132-138. (Yli-Piipari 75%)
36. **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. (Yli-Piipari 80%)
35. 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. (Yli-Piipari 25%)
34. 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(9), 750-754. doi: 10.1016/j.jsams.2015.11.003. (Yli-Piipari 50%)
33. **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(4), 440-446. doi:10.1123/jpah.2015-0335 (Yli-Piipari 50%)
31. Jaakkola, T., **Yli-Piipari, S.**, Barkoukis, V., & Liukkonen, J. (2015). Relationships among perceived motivational climate, motivational regulations, enjoyment, and physical activity participation among Finnish physical education. *International Journal of Sport and Exercise Psychology*. doi:10.1080/1612197X.2015.1100209 (Yli-Piipari 40%)
32. 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. <http://dx.doi.org/10.1016/j.psychsport.2015.07.001> (Yli-Piipari 30%)

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. (Yli-Piipari 30%)
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 (Yli-Piipari 35%)
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. (Yli-Piipari 30%)
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. (Yli-Piipari 30%)
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(1), 74-81. doi:10.1111/sms.12407. (Yli-Piipari 40%)
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. (Yli-Piipari 30%)
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. (Yli-Piipari 30%)
23. **Yli-Piipari, S.** (2014). Physical education reform in Finland. *Quest*, 66(4), 468-484. doi:10.1080/00336297.2014.948688 (Yli-Piipari 100%)
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 (Yli-Piipari 15%)
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 (Yli-Piipari 70%)

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. (Yli-Piipari 25%)
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. (Yli-Piipari 25%)
18. Kokkonen, M., Kokkonen, J., & **Yli-Piipari, S.** (2013). Koululiikuntaan liittyvät suoritumisuskomukset ja arvostukset liikunnan arvosanan selittajina. *Kasvatus-Lehti*, 5, 522-532. [Expectancies and values in physical education. *Education*, 5, 522-532.] (Yli-Piipari 20%)
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. (Yli-Piipari 20%)
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(1), 127-141. doi:10.1177/1356336X12465514 (Yli-Piipari 30%)
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(1), 15-31. doi:10.1037/a0029806 (Yli-Piipari 50%)
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. (Yli-Piipari 50%)
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 (Yli-Piipari 50%)
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(4), 401-417. doi:10.1080/10413200.2012.677096 (Yli-Piipari 60%)

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. (Yli-Piipari 30%)
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. (Yli-Piipari 100%)
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. (Yli-Piipari 100%)
8. **Yli-Piipari, S.** (2011). Motivoiko koululiikunta nuoria? [Does physical education motivate adolescents?] *Liikunta & Tiede*, 46, 20-24. (Yli-Piipari 100%)
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. (Yli-Piipari 50%)
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 (Yli-Piipari 60%)
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. (Yli-Piipari 40%)
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. (Yli-Piipari 50%)
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. (Yli-Piipari 60%)

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. (Yli-Piipari 40%)

BOOK CHAPTERS

1. **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.

SCIENTIFIC PRESENTATIONS (data-based, peer-reviewed)

Presented

62. **Yli-Piipari, S.**, Park, J., Yun, S., Riemer, A., Shin, H.C., & Kim, H. Basic psychological needs-satisfaction and changes in self-determined exercise motivation. *8th International Self-Determination Conference*.
61. Yun, S., Park, J., Deng, Y.Y., Niemistö, D., Kolunsarka, I., Huhtiniemi, M., Gråstén, A., Jaakkola, T., & **Yli-Piipari, S.** (2025). Examining adolescent movement phenotypes and cardiovascular disease risk across 4 years: A longitudinal cluster analysis. *American College of Sports Medicine Annual Meeting*. Atlanta, US.
60. Park, J., Yun, S., & **Yli-Piipari, S.** (2025). Limited efficacy of an intensive online lifestyle intervention on Hispanic adolescents. *American College of Sports Medicine Annual Meeting*. Atlanta, US.
59. Park, J., Yun, S., Huhtiniemi, M., Gråstén, A., Jaakkola, T., & **Yli-Piipari, S.** (2025). Examining the longitudinal relationship between physical literacy and physical activity in adolescents: A cross-lagged panel model. *Third Scientific Conference on Motor Skill Acquisition*. Kiskallio, Lohja, Finland.
58. Park, J., Yun, S., Jaakkola, T., Huhtiniemi, M., Gråstén, A., & **Yli-Piipari, S.** (2025). Examining the constructs and stability of physical Literacy in children: A longitudinal confirmatory factor analysis. *Association International for Physical Education in Higher Education (AIESEP)*. St Petersburg, the US.
57. Yun, S., Park, J., & **Yli-Piipari, S.** (2025). Supporting psychological needs online: Physical activity educators' learning and teaching experiences. *Association International for Physical Education in Higher Education (AIESEP)*. St Petersburg, the US.

56. Frederick, G.M., Threadgill, E.G., **Yli-Piipari, S.**, & Kirk, T.N. (2024). Validity of the International Physical Activity Questionnaire – Short Form among individuals with visual impairments. *American College of Sports Medicine Annual Meeting*. Boston, US.
55. Kim, T., Park, J., Yun, S., & Yli-Piipari, S. (2024). A cluster randomized controlled trial to compare online and in-person motor skill acquisition. *American College of Sports Medicine Annual Meeting*. Boston, US.
54. Deng, Y., Kim, T., Park, J., Yun, S., & Yli-Piipari, S. (2024). Effectiveness of lifestyle interventions in treating pediatric obesity: A systematic review and multivariate meta-analysis. *8th International Conference on Obesity and Chronic Diseases*. London, United Kingdom.
53. **Yli-Piipari, S.**, Frederic, G.M., & Kirk, T.N. (2024). Physical activity, sleep quality, and quality of life in adults with visual impairments. *International Society for Physical Activity and Health*. Paris, France
52. Yun, S., Park, J., Jaakkola, T., Huhtiniemi, M., Gråstén, A., Kim, T., & Yli-Piipari, S. (2024). Psychological need satisfaction in physical education predicts a positive development of motivation: A latent growth modelling study. *Association International for Physical Education in Higher Education (AIESEP)*. Jyväskylä, Finland.
51. Park, J., Yun, S., Kim, T., & Yli-Piipari, S. (2024). Examining motivational profiles of the pediatric obesity treatment program patients. *2024 Southeast Regional Clinical & Translational Science Conference*. Pine Mountain, GA.
50. Armstead, B. & Yli-Piipari, S. (2023). Motivational profiles and body mass index of the pediatric obesity treatment patients. *8th International Self-Determination Theory Conference*. Orlando, FL.
49. Hwang, Y., Kim, T., Deng, Y., & Yli-Piipari, S. (2023). A comparison of the efficacy of need-supportive and -thwarting instruction on performance, motivation, and affect. *American Educational Research Association (AERA) Annual Meeting*. Chicago, IL
48. Berman, S., Williams, T., Berg, A., Brigman, T., **Yli-Piipari, S.** & Henes, ST. (2023). Comparison of two evidence based nutrition curricula in promoting nutrition behavior change in teens participating in UGA. *EFNEP. Society for Nutrition Education and Behavior*, Washington, US.
47. Kim, T., Hwang, Y., Deng, Y., & Yli-Piipari, S. (2023). Efficacy of need-supportive and -thwarting instruction on motivation. *2023 National Convention of the Society of Health and Physical Educators (SHAPE)*. Seattle, US.

46. Deng, Y., Hwang, Y., Kim, T., & Yli-Piipari, S. (2023). Psychological need-support centred lifestyle program to treat pediatric obesity: A randomized controlled trial. *American College of Sports Medicine Annual Meeting*. Denver, US.
45. Deng, Y., Kim, T., Hwang, Y., & Yli-Piipari, S. (2022). Changes in college students' physical activity, body composition, and motivation before and during the COVID-19 lockdown. *American College of Sports Medicine Annual Meeting*. San Diego, US.
44. Deng, Y., & Yli-Piipari, S. (2022). Time trend and demographic disparities in adolescents' obesity prevalence, sedentariness, and physical activity: Evidence from the 10-year longitudinal data. *2022 National Convention of the Society of Health and Physical Educators (SHAPE)*. New Orleans, US.
43. Hwang, Y., Deng, Y., Kim, T., & Yli-Piipari, S. (2022). Prevalence of anxiety and depression in student-athletes during COVID-19. *2022 National Convention of the Society of Health and Physical Educators (SHAPE)*. New Orleans, US.
42. Hwang, Y., Deng, Y., Kim, T., & Yli-Piipari, S. (2022). A comparison of efficacy of need-supportive and -thwarting instruction on enjoyment and state anxiety. *American College of Sports Medicine Annual Meeting Southeast Chapter*. Greenville, SC.
41. Deng, Y., Hwang, Y., Kim, T., Gilbert, M., Patel, M., Garland, C., Greene, M., Kaiser, K., Ahmed, S. & Yli-Piipari, S. (2022). Novel lifestyle program to prevent pediatric obesity among overweight Latinx adolescents: A limited efficacy pilot study. *The Second Annual Obesity Initiative Research Symposium*. Athens, GA.
40. Howell, M., Hwang, Y., Deng, Y., Kim, T., Walker, B., & Yli-Piipari, S. (2021). Associations of coach-created motivational climate and the prevalence of anxiety in student-athletes. *American College of Sports Medicine Conference Annual Meeting*. (virtual)
39. Deng, Y. & Yli-Piipari, S. (2021). Parents shape their children's physical activity during unstructured recess through intrinsic value the children possess. *American Educational Research Association (AERA) Annual Meeting*. (virtual)
38. Hwang, Y., Deng, Y., Kim, T., Campbell, S., & Yli-Piipari, S. (2021). Changes in first-year college students' objectively measured dietary and physical activity behaviors. *Southeastern Chapter of the American College of Sports Medicine Annual Meeting*. (virtual)
37. Deng, Y. & Yli-Piipari, S. (2020). Parents shape their children's physical activity during unstructured recess through intrinsic value the children possess. *American Educational Research Association (AERA) Annual Meeting*. San Francisco, US. (Presentation Cancelled due to the COVID-19 pandemic)

36. Manninen, M., Deng, Y., Hwang, Y., & Yli-Piipari, S. (2020). 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)*. Salt Lake City, US. (Presented virtually due to the COVID-19 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*. Pajulahti, Finland.
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 adolescent 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.**, & McCullins, T. (2016). The impact of classroom physical activity breaks on middle school students' health-related fitness: A 4-week intervention. *2016 AIESEP 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: \$1,645,539]

Ongoing

- Yli-Piipari, S.** (2025-). \$10,000. The University of Georgia family healthy lifestyle eLearning pilot program. *UGA Obesity Initiative*. Role Co-PI

Completed

- Yli-Piipari, S.** (2022-2023). \$15,000. A novel mHealth lifestyle intervention to treat pediatric obesity in Latinx adolescents. *Mary Francis Early College of Education, UGA*. Role: PI.
- Yli-Piipari, S.**, Lindsley, K., Everett, E.S., Jackson, L., & Bartges, J. (2022-2023). \$20,000. Examining the impact of a child-dog companionship on the efficacy of the pediatric obesity treatment program. *The National Institutes of Health*. Role: PI.
- Jaakkola, T., Kyröläinen, H., Tammelin, T., Wang, J., Stodden, D., Davis, K., Watt, A., & **Yli-Piipari, S.** (2020-2023). \$504,400 (EUR420,000). Students motor and perceived competence, health-related fitness, physical activity engagement and exercise motivation – 6-years follow-up and intervention study. *Opetus- ja Kulttuuriministeriö, Finland, European Union*. Role: Co-I.
- Yli-Piipari, S. (2022). \$2,240. Examining longitudinal effects: A need-supportive lifestyle intervention to treat obesity among Hispanic adolescents. *Kinesiology Department Departmental Seed Grant*. Department of Kinesiology, University of Georgia.
- Yli-Piipari, S.** (2021). \$5,000. BRAVO! Remote lifestyle intervention. *Owens Institute of Behavioral Research*. Role: PI.
- Yli-Piipari, S.**, Deng, Y., McCullick, B., Kindamo, E., Haynie, L., & Wenrich, K. (2019-2020). First-year college students' physical activity and dietary behaviors: A school-year follow-up study. *Student Affairs Academic Partnership*. \$3,350. Role: PI.

- Jaakkola, T., Mäkelä, K., Huhtiniemi, M., & **Yli-Piipari, S.** (2018-2020). Associations between Move! - Monitoring and feedback System for physical functional capacity and Finnish students' physical performance, physical activity engagement, and motivation in physical education. *Opetus- ja Kulttuuriministeriö, Finland, European Union*. \$404,400 [EUR337,000]. Role: Co-I.
- Yli-Piipari, S.** (2018-2019). Confidence ownership responsibility exercise CORE intervention for adolescent obesity. *Georgia Research Alliance*. \$31,640. Role: PI.
- Yli-Piipari, S.**, Schmidt, M., & Evans, E. (2017-2018). Faculty Grant. Comparing the longitudinal psychological and behavioral effects of active video gaming and traditional aerobic training: A randomized controlled trial *University of Georgia*. \$9,770. Role, PI.
- Yli-Piipari, S.**, & Evans, E. (2016-2017). Early Career Faculty Grant. *University of Georgia, College of Education*. \$5,000. Role: PI.
- Ward, K., **Yli-Piipari, S.**, Martindale, T., Stockton, M., & Ullman, G. (2013-2016). FitWizard (aka Project Diabetes). *Tennessee State Department of Health*. \$407,739. 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. *USA Swimming*. \$12,000. Role: Co-I.
- Yli-Piipari, S.** (2013-2014). An autonomy-supportive intervention on physical education motivation and physical activity *SHAPE (aka AAHPERD) Research Consortium Early Career Research Grant*. \$5,000. Role: PI.
- Chambliss, H., Layne, T., **Yli-Piipari, S.**, & Irwin, C. (2012-2013). Family Fitness Challenge. *Memphis Grizzlies*. \$7,500. Role: Co-I.
- Yli-Piipari, S.**, Layne, T., & Irwin, C. (2013). Technology access scholarship. *University of Memphis*. \$11,600. Role: PI.
- Yli-Piipari, S.** (2010). Fulbright Graduate Grant for PhD research in the U.S. *Finland – U.S. Educational Exchange Commission*. \$15,000. 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. *Finnish Ministry of Education and Culture*. 95,000 EUR [\$133,000]. Role: PI
- Yli-Piipari, S.** (2010). Finnish Cultural Foundation Grant for PhD research in the US. *Finnish Cultural Foundation*. 11,000 EUR [\$15,400 USD]. 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. *Finnish Sport Institute Foundation*. 16,000 EUR [\$22,400]. 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. *Joint Project of University of Jyväskylä and Peurunka Rehabilitation Center (JYPE – project)*. 11,000 EUR [\$15,400]. Role: PI

Not Funded

Yli-Piipari, S., Chen, S., & Shen, Y. (2021). Feasibility of BRAVO! mobile lifestyle intervention to treat obesity in Hispanic youth. *National Institutes of Health* (R21). \$362,395. Role PI.

Yli-Piipari, S., Chen, S., & vanDellen, M. (2020). Bracing up Research on Adolescents' preVention of Obesity: BRAVO! Hispanic Boys. *National Institutes of Health* (R21). \$397,403. Role PI.

Yli-Piipari, S., Dishman, R., McCullick, B., & Hagger, M. (2020). Promoting Health-Enhancing & Sustainable Physical Activity Behavior through Middle School Physical Education. *National Institutes of Health* (R01). \$2,633,146. Role PI.

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. *National Institutes of Health* (R01). \$674,193. 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. *The Obesity Society*. Early Career Research Grant. 25,000. Role PI.

Schuster, B.L., **Yli-Piipari, S.,** Laing, E., Lewis, R.D., & Suveg, C.M. (2016). Childhood obesity research demonstration 2.0. *CDC*. \$1,149,347. 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. *UGA Clinical and Translational Research Unit Seed Grant Program*. \$30,000. Role: PI.

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

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

Yli-Piipari, S. & Inoue, Y. (2013 and 2014). Grizzlies FitBody fitness curriculum. *AETNA Research Foundation*. \$39,963. 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. *Robert Wood Johnson Foundation*. \$142,537. Role: Co-PI.

Yli-Piipari, S. (2013). Effects of an autonomy-supportive intervention on physical education motivation and physical activity. *University of Memphis Faculty Research Grants*. \$6,000. 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. *The Foundations PostDoc Pool*. 90,000 EUR [\$117,000]. Role: PI.

TEACHING EXPERIENCE IN HIGHER EDUCATION

Undergraduate Courses:

University of Georgia (3 credit courses)

Fall 2015-2025	KINS4340 Health Education Curriculum and Teaching in School Health Education
Fall 2016 & 2017	KINS4360 Curriculum Models and Assessment in Physical Education
Spring 2018-2023	KINS4360 Curriculum Models and Assessment in Physical Education
Spring 2016-2019	KINS3105 Teaching Methods for Health-Related Fitness
Spring 2017-2023	KINS5460 Student Teaching in Physical Education
Summer 2021-2025	KINS4450E Initiating Motivation for Change in Health, Exercise, and Sport (online)
Summer 2022-2025	KINS4350 European Perspectives in Kinesiology (study abroad)

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
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Graduate Courses:**University of Georgia** (3 credit courses)

Fall 2019-2022	KIN7605 Motivation in Physical Activity, Exercise, and Sport
Summer 2022, 2023	KINS6350 European Perspectives in Kinesiology (study abroad)

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 AND TAUGHT STUDY AWAY COURSES IN HIGHER EDUCATION_____

2020	KINS4350/6350 European Perspectives in Kinesiology
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DESIGNED GRADUATE LEVEL ONLINE COURSES IN HIGHER EDUCATION_____

2020	KINS4450E Initiating Motivation for Change in Health, Exercise, and Sport
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

Kenneth Kwon (2024)	UGA CURO Undergraduate Honors Research Scholarship
Michael Vu (2024)	UGA CURO Undergraduate Honors Research Scholarship
Juana Prieto (2023)	UGA CURO Undergraduate Honors Research Scholarship
Lleyton Aquilar (2023)	UGA CURO Undergraduate Honors Research Scholarship
Nathan Scott (2020)	UGA Penland Undergraduate Research Scholarship
Lytzy Hernandez (2020)	UGA CURO Undergraduate Honors Research Scholarship
Marlyse Sifre (2017)	UGA CURO Undergraduate Honors Research Scholarship
Kellie Waller (2016)	UGA CURO Undergraduate Honors Research Scholarship

GRADUATE STUDENTS

PhD Supervision:

Hyung-Chul (Charlie)

Shin (2025-)

Hyunju Kim (2025-)

Sanga Yun (2022-) Passed her candidacy (spring 2025)

JunHyuk Park (2022-) Passed his candidacy (spring 2025)

Taewoo Kim (2024) Learning motor skills online: a cluster randomized controlled trial to compare online and in-person motor skill acquisition

YongJu Hwang (2023) A comparison of the efficacy of need-supportive and need-thwarting instruction on skill performance, motivation, and affect

Yangyang Deng (2022) Piloting the psychological need-support centered lifestyle program to treat pediatric overweight and obesity among Hispanic adolescents

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

PhD Committees:

Gibson, Matelyn (2025-) (Dissertation Committee Member)

Anderson, D. (2022-) Passed his candidacy (fall 2024) (Dissertation Committee Member)

James O'Keefe (2021-) Proposal approved (Dissertation Committee Member)

Daphne Schmidt (2024) The effects of cognitive-motor entrainment on long-term memory across two physical activity modalities (Dissertation Committee Member)

- Ahmed Qazi (2024) The effects of an acute bout of physical activity on young adults' attention, episodic, and object location memory (Dissertation Committee Member)
- Sara Campbell (2022) A principles-focused evaluation of a coach education program (Dissertation Committee Member)
- 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:

- Minieri, B. (2024-) (Thesis Committee Member)
- Gibson, M. (2024) Relationship between pregame tweet content and NBA player performance. (Thesis Committee Member)
- Berman, S. (2023) UGA EFNEP youth programming: Teen cuisine and the addition of goal setting. (Thesis Committee Member)
- Thompson, S. (2020) An exposure-based intervention dismantles college-aged females resistance training: Project Wonder Training (Thesis Committee Member)
- Mikezc, S. (2014) 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)