

1. Personal details

Surname Hirvonen
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Date of the CV September 13, 2021

2. Degrees

Oct 28, 2013 PhD (Psychology), University of Jyväskylä, Finland (contact: tel. +358-14-2601211, kirjaamo@ju.fi). Title of doctoral dissertation "*Children's achievement behaviors in relation to their skill development and temperament*".
May 22, 2003 MA (Psychology), University of Jyväskylä, Finland. Title of master thesis "*Elämän hallinnan ongelmien määrittelyt terapiakeskustelussa*" [Defining problems of life management in therapy discourse].
May 31, 1997 Matriculation examination, Liperi Upper Secondary School, Finland

3. Other education

May 7, 2014 Adult educator's pedagogical studies (60 ECTS), University of Jyväskylä, Finland
June 14, 2011 Studies in university pedagogics (10 ECTS), University of Jyväskylä, Finland
April 22, 2010 Methodological subject studies in Statistics (40 ECTS), University of Jyväskylä, Finland
December 20, 2007 Subject studies in Mathematics (60 ECTS), University of Jyväskylä, Finland

4. Language skills

Finnish Native language
English Proficient user C2
Swedish Independent user B1

5. Current employment

Jun 1, 2019-May 31, 2023 Senior researcher, University of Eastern Finland, School of Applied Educational Science and Teacher Education. Stage III in the four-stage research career model.

6. Previous work experience

Nov 1, 2013-May 31, 2019 Postdoctoral researcher, University of Jyväskylä, Department of Psychology
Sep 15, 2010-Oct 31, 2013 PhD student, University of Jyväskylä, Department of Psychology

Jul 1, 2012-Jan 31, 2013	Consultant in Statistics (part-time), Finnish Centre for Media Education & Audiovisual Media/Foundation for Cultural Policy Research
Mar 19, 2010-Aug 31, 2012	Psychology teacher (part-time), Open University of Jyväskylä
Nov 25, 2011-Jan 31, 2012	Consultant in Statistics (part-time), Finnish Society on Media Education
Sep 15, 2009-Sep 14, 2010	Grant period, Finnish Cultural Foundation
Jan 15, 2008-Sep 14, 2009	PhD student, University of Jyväskylä, Department of Psychology
Nov 1, 2006-Oct 31, 2007	Research assistant (part-time), Psykologien Kustannus Corp.
Aug 1, 2003-Jan 31, 2005	Psychologist (substitute), City of Heinola, health care centre
Mar 7-Jun 30, 2003	Research assistant (part-time), University of Jyväskylä, Department of Psychology
Feb 6-May 31, 2002	Research assistant (part-time), Researcher Minna-Leena Pulkkinen/The Finnish Foundation for Alcohol Studies
Jun 1-Oct 31, 2002	Psychology trainee, Hospital District of North Karelia, Adolescent psychiatric clinic
Jan 1-Sep 30, 2001	Research assistant (part-time), University of Jyväskylä, Department of Psychology

7. Career breaks

Feb 1, 2005-Jan 15, 2008 (35.5 months)	Full-time undergraduate student, University of Jyväskylä, Department of Mathematics and Statistics
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8. Research funding and grants

Sep 1, 2016-May 31, 2019	Main applicant and principal investigator of a postdoctoral research project, Academy of Finland, 248.760 Euros
Sep 15, 2010-Dec 31, 2012	PhD student position (full-time salary) in the Finnish Doctoral Programme of Psychology
Sep 15, 2009-Sep 14, 2010	Main applicant and principal investigator of a PhD student funding (a personal grant), Finnish Cultural Foundation, 21.000 Euros

9. Research output

Total number of publications 47.

Ten most significant publications:

- Hoferichter, F., Hirvonen, R., & Kiuru, N. (in press). The development of student well-being in secondary school: High academic buoyancy and supportive class- and school climate as buffers. *Learning and Instruction*, 71, 101377.
- Kiuru, N., Spinath, B., Clem, A.-L., Eklund, K., Ahonen, T., Nurmi, J.-E., & Hirvonen, R. (in press). The dynamics of motivation, emotion, and task performance in simulated achievement situations. *Learning and Individual Differences*, 80, 101873.
- Clem, A.-L., Rudasill, K. M., Hirvonen, R., Aunola, K., & Kiuru, N. (2021). The roles of teacher–student relationship quality and self-concept of ability in adolescents' achievement emotions: Temperament as a moderator. *European Journal of Psychology of Education*, 36, 263-286. <https://doi.org/10.1007/s10212-020-00473-6>

- Sainio, P., Eklund, K., Hirvonen, R., Ahonen, T., & Kiuru, N. (2021). Adolescents' academic emotions and academic achievement across the transition to lower secondary school: The role of learning difficulties. *Scandinavian Journal of Educational Research*, 65, 385-403.
- Hirvonen, R., Putwain, D., Määttä, S., Ahonen, T., & Kiuru, N. (2020). The role of academic buoyancy and emotions in students' learning-related expectations and behaviours in primary school. *British Journal of Educational Psychology*, 90, 948–963. <https://jyx.jyu.fi/handle/123456789/67285>
- Kiuru, N., Wang, M.-T., Salmela-Aro, K., Kannas, L., Ahonen, T., & Hirvonen, R. (2020). Associations between adolescents' interpersonal relationships, school well-being, and academic achievement during educational transitions. *Journal of Youth and Adolescence*, 49, 1057-1072. <https://doi.org/10.1007/s10964-019-01184-y>
- Hirvonen, R., Yli-Kivistö, L., Putwain, D. W., Ahonen, T., & Kiuru, N. (2019). School-related stress among sixth-grade students – Associations with academic buoyancy and temperament. *Learning and Individual Differences*, 70, 100–108. <https://jyx.jyu.fi/handle/123456789/62900>
- Hirvonen, R., Väänänen, J., Aunola, K., Ahonen, T., & Kiuru, N. (2018). Adolescents' and mothers' temperament types and their roles in early adolescents' socioemotional functioning. *International Journal of Behavioral Development*, 42, 453–463. <http://doi.org/10.1177/0165025417729223>
- Hirvonen, R., Torppa, M., Nurmi, J.-E., Eklund, K., & Ahonen, T. (2016). Early temperament and age at school entry predict task avoidance in elementary school. *Learning and Individual Differences*, 47, 1–10. <https://jyx.jyu.fi/handle/123456789/48391>
- Hirvonen, R., Poikkeus, A.-M., Pakarinen, E., Lerkkanen, M.-K., & Nurmi, J.-E. (2015). Identifying Finnish children's impulsivity trajectories from kindergarten to Grade 4: Associations with academic and socioemotional development. *Early Education and Development*, 26, 615–644. <https://jyx.jyu.fi/handle/123456789/46589>

Research methods

- Kiuru, N., Eklund, K., Hirvonen, R., Kaartinen, J., Mikkonen, J., & Ahonen, T. (2014). *Emotions in Achievement Situations (EAS) scale*. Unpublished instrument. Department of Psychology, University of Jyväskylä.

10. Research supervision and leadership experience

Supervision of PhD candidates

Co-supervisor for two PhD candidates in psychology (estimated graduation 2022) and one in special education (estimated graduation 2024)

Supervision of Master students

Principal supervisor for 14 students in psychology in 2016-2019
Co-supervisor for four students in psychology in 2014-2016

Supervision of Bachelor students

Principal supervisor for 28 Bachelor students in psychology in 2008-2016
Principal supervisor for three Bachelor students in education in 2020-2021
Co-supervisor for 19 Bachelor students in psychology in 2008-2012

Leader of the project "Students' achievement strategies during the transition from primary school to lower secondary school: Associations with motivation, temperament, executive function, and academic buoyancy" (Hirvonen, 2016-2019); principal investigator in charge of the project planning, implementation, financial administration, and supervision of undergraduate students

Co-leader of the project “Students’ well-being during the COVID-19 pandemic” (Niemi-virta, Tuominen, Hirvonen, & Viljaranta, 2020-2021); joint responsibility for project planning and implementation

11. Teaching merits

Adult educator’s pedagogical studies (60 ECTS), completed at the University of Jyväskylä, Finland, May 7, 2014

Studies in university pedagogics (10 ECTS), completed at the University of Jyväskylä, Finland, June 14, 2011

Experience of teaching domain knowledge

Undergraduate level

- An annual lecture on students’ achievement behaviors and temperament (Psychology, University of Jyväskylä, 2014-2018)

Postgraduate level

- An annual lecture on motivation and self-regulation in learning (University pedagogy, University of Eastern Finland, 2019-2021)
- A lecture on learning motivation and achievement strategies (Specialization studies in psychology, University of Jyväskylä, 2012)

Experience of teaching research methodology

Undergraduate level

- Demonstrations of quantitative research methods level 2 (Teacher education, University of Eastern Finland, 2019 and 2020)
- Demonstrations of quantitative research methods level 3 (Psychology, University of Jyväskylä, 2009)

Postgraduate level

- Demonstrations of quantitative research methods for PhD students (Philosophical Faculty and the Faculty of Social Sciences and Business Studies, University of Eastern Finland, 2021)
- Demonstrations of structural equation modeling and mixture modeling (Centre for Human Methodology, University of Jyväskylä, 2015)

13. Other key academic merits

Member of the steering group for national specialization studies on childhood and adolescence (postgraduate studies for licensed psychologists, the Finnish University Network of Psychology) in 2017-2019

Consulting Editor for *Educational Psychology: An International Journal of Experimental Educational Psychology* in 2018-2022

An article Editor for Sage Open in 2019

Regular referee for scientific journals such as Learning and Individual Differences, Frontline Learning Research, Oppimisen ja oppimisvaikeuksien erityislehti NMI Bulletin

Member of the organizing committee for the EARLI SIG 5 conference on Learning and Development in Early Childhood held in Jyväskylä, Finland in August 2014 (300 participants)

14. Scientific and societal impact

Media releases:

“Yläkouluun siirtyminen huolestuttaa nuoria jo ennalta” [Adolescents worry about the transition to lower secondary school] May 2018

“Nuoren tunne-elämän ja käytösongelmien taustalla temperamenttieroja” [Differences in temperament explain adolescents’ emotional and behavioral problems] September 2017

”Äidin työhyvinvointi tukee lapsen hyvinvointia” [Mother’s work wellbeing supports child wellbeing] May 2017

“Temperamentti ja oppimiskokemukset muokkaavat koululaisten työskentelytapoja” [Temperament and learning experiences mould students’ achievement behaviors] September 2013

Media exposure:

YLE Tiedeykkönen radio interview March 29, 2019

Suur-Jyväskylän Lehti newspaper September 27, 2017

Helsingin Sanomat online news May 9, 2017

Opettaja magazine 51–52/2013

25 oral presentations and four poster presentations in scientific conferences in 2008-2021