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## Employment

### Professor

Department of Education

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1 Jan 2018 → present

### Academy Professor

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1 Sept 2021 → present

### Minds Hub

University of Helsinki

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18 Mar 2019 → present

### Supervisor for doctoral programme

Doctoral Programme in Cognition, Learning, Instruction and Communication

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2 Jan 2019 → present

### Supervisor for doctoral programme

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31 Dec 2018 → present

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Faculty Common Matters (Faculty of Education)

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## Research output

### **Promoting university students' situational engagement in online learning for climate education**

Vilhunen, E., Vesterinen, V.-M., Äijälä, M., Salovaara, J. J., Siponen, J. O., Lavonen, J., Salmela-Aro, K. & Riuttanen, L., Apr 2025, In: *Internet and Higher Education*. 65, 11 p., 100987.

### **The importance of socio-emotional skills obtained before the COVID-19 pandemic in supporting study engagement during the pandemic and transition to higher education**

Mädämürk, K., Upadyaya, K., Hietajärvi, L., Lonka, K. & Salmela-Aro, K., Mar 2025, In: *European Journal of Psychology of Education*. 40, 1, 20 p., 8.

### **Momentary achievement goal profiles: Associations with instructional activities, interest, and anxiety**

Yu, J., Järvinen, J. & Salmela-Aro, K., Feb 2025, In: *Learning and Instruction*. 95, 10 p., 102037.

### **Optimal Learning Moments in Finnish and US Science Classrooms: A Psychological Network Analysis Approach**

Tang, X., Chen, I.-C., Lavonen, J., Schneider, B., Krajcik, J. & Salmela-Aro, K., Dec 2024, (Accepted/In press) In: *Frontline Learning Research*.

### **Belongingness to groups, adolescent loneliness trajectories, and their consequences**

Beattie, M., Kiuru, N. & Salmela-Aro, K., 21 Nov 2024, In: *International Journal of Behavioral Development*. 12 p.

### **Do neuroticism and efficacy beliefs moderate the relationship between climate change worry and mental wellbeing?**

Ogunbode, C. A., Salmela-Aro, K., Maran, D. A., van den Broek, K., Doran, R., Lins, S., Torres-Marín, J., Navarro-Carrillo, G., Rocchi, G. & Schermer, J. A., 1 Nov 2024, In: *Journal of Affective Disorders*. 364, p. 37-40 4 p.

### **Yhteiskunnan ilmasto-osaamista on vahvistettava: "Ilmastonmuutoksen tehokkaan hillinnän ja sopeutumisen kompetenssien oppiminen koulutusjärjestelmässä (ClimComp)" -tutkimushankkeen tulokset ja politiikkasuositukset**

Riuttanen, L., Salmela-Aro, K., Gregow, H., Lavonen, J., Makkonen, R., Lappalainen, H., Gale, J., Juuti, K., Järvinen, J., Kettunen, P. S., Korhonen, N., Lauri, K. A., Merikanto, J., Mäkelä, A., Oikarinen, T. S., Peltokangas, K., Ronkainen, I. A., Ruuskanen, T., Räisänen, P. & Salonen, V. & 17 others, Salovaara, J. J., Santala, M., Siponen, J. O., Särkelä, K., Tang, X., Taurinen, J. J. V., Turkki, M. V. P., Upadyaya, K., Vajda, A., Veijonaho, S., Vesterinen, V.-M., Vilhunen, E., Vinni-Laakso, J., Ylivinkka, I., Yu, J., Äijälä, M. & Kulmala, M., 21 Oct 2024

### **Developmental heterogeneity of school burnout across the transition from upper secondary school to higher education: A 9-year follow-up study**

Nadon, L., Morin, A. J. S., Gilbert, W., Olivier, E. & Salmela-Aro, K., Oct 2024, In: *Journal of School Psychology*. 107, 19 p., 101385.

### **The mental health disparities of immigrant-origin children and adolescents in Finland: Lessons learned from whole population surveys**

Abdulhamed, R., Hietajärvi, L., Salmela-Aro, K. & Lonka, K., 26 Sept 2024.

### **Development of a new scale to assess students' needs-based study crafting: Initial evidence from a pilot study among Japanese university students**

Hiroiyuki, T., Yajima, J., Hietajärvi, L., Upadyaya, K. & Salmela-Aro, K., 27 Aug 2024.

### **Momentary Student Engagement as a Dynamic Developmental System**

Symonds, J. E., Kaplan, A., Upadyaya, K., Salmela-Aro, K., Torsney, B. M., Skinner, E. & Eccles, J. S., 12 Aug 2024, In: *Journal of theoretical and philosophical psychology*. 19 p.

### **Longitudinal associations between adolescents' social-emotional skills, school engagement, and school burnout**

Huttunen, I., Upadyaya, K. & Salmela-Aro, K., Aug 2024, In: *Learning and Individual Differences*. 115, 10 p., 102537.

### **Achievement Goals as Mediators of the Links Between Self-Esteem and Depressive Symptoms From Mid-Adolescence to Early Adulthood**

Gilbert, W., Eltanoukhi, R., Morin, A. J. S. & Salmela-Aro, K., 4 Jul 2024, In: *Journal of Youth and Adolescence*. 18 p.

**Early career gender differences in job burnout trajectories in Finland: Roles of work, family, and financial resources**  
Fang, Y., Tang, X. & Salmela-Aro, K., Jul 2024, In: *International Journal of Behavioral Development*. 12 p.

**Latent profiles of adolescents' digital skills across six European countries**  
Hietajärvi, L., Mascheroni, G., Waechter, N., Järvinen, J. & Salmela-Aro, K., Jun 2024, In: *New Media & Society*. 23 p.

**Yläkoulun oppilaiden sosioemotionaalisten taitojen profiilit ja kouluinto koronapandemian aikana syksyllä 2020**  
Huttunen, I. E., Upadyaya, K. & Salmela-Aro, K., 30 Apr 2024, In: *Psykologia*. 2024, 1, p. 38-56 19 p.

**Seitsemäsluokkalaisten kolmeen lukuaineeseen sekä ilmiölähtöiseen oppimiseen kohdistamat arvostukset ja odotukset: Motivaatioprofiilit**  
Ronkainen, I., Lonka, K., Vinni-Laakso, J., Vesterinen, V.-M. & Salmela-Aro, K., 15 Apr 2024, In: *Kasvatus*. 55, 2, p. 129-149 21 p.

**School principals' job crafting profiles and their differences during the prolonged COVID-19 pandemic**  
Nissinen, T., Upadyaya, K., Lonka, K., Salmela-Aro, K. & Hiroyuki, T., Apr 2024, In: *International Journal of Organization Theory and Behavior*. 21 p.

**Profiles of Loneliness and Ostracism During Adolescence: Consequences, Antecedents, and Protective Factors**  
Kiuru, N., Salmela-Aro, K., Laursen, B., Vasalampi, K., Beattie, M., Tunkkari, M. & Juntila, N., Feb 2024, In: *Child Psychiatry and Human Development*. 21 p.

**Facilitating Youth's Curiosity in Learning: Needs-based Ecological Examinations**  
Huang, H., Tang, X. & Salmela-Aro, K., Jan 2024, In: *Journal of Youth and Adolescence*. 53, 3, p. 595-608 14 p.

**Financial Loss and Financial Well-Being of Emerging Adults During COVID-19: The Limitations of Psychological Resilience**  
Ranta, M., Li, L., Vosylis, R., Sorgente, A., Crespo, C., Fonseca, G., Lanz, M., Lep, Ž., Lonka, K., Relvas, A. P., Salmela-Aro, K., Zupancic, M. & Serido, J., 2024, In: *Financial counseling and planning*. 35, 2, p. 188-201 14 p.

**Report on the Development of the Evaluation Strategies Tailored to Media Literacy and Digital Skills Intervention Programmes**  
d'Haenens, L., Vissenberg, J., Martinez, D., Martinez, G., Garmendia, M., Larrañaga, N., Helsper, E. J., Edisherashvili, N., Maksniemi, E., Puusepp, M., Kasemets, M.-L., Tomczyk, L., Kielar, I., Krzeczowska, M., Irani, F., Hietajärvi, L., Sormanen, N., Tiihonen, S., Salmela-Aro, K. & Wilska, T.-A., 2024, Zenodo. 66 p.

**Social and dimensional comparisons of achievement in multifaceted task value formation among adolescents**  
Olive, K., Yu, J., Vinni-Laakso, J. & Salmela-Aro, K., 2024, In: *Learning and Individual Differences*. 115, 12 p., 102534.

**The role of stress mindset and academic buoyancy in school burnout in middle adolescence**  
Lakkavaara, A., Upadyaya, K., Tang, X. & Salmela-Aro, K., 2024, (Accepted/In press) In: *European Journal of Developmental Psychology*.

**Transitioning from Bachelor's to Master's Studies – Examining Study Burnout, Approaches to Learning and Experiences of the Learning Environment**  
Sjöblom, A., Inkinen, M., Salmela-Aro, K. & Parpala, A., 2024, (Accepted/In press) In: *Journal of Applied Research in Higher Education*.

**Upper Secondary Education from a Comparative Perspective: Academic and Vocational Paths**  
Parada, F., Upadyaya, K. & Salmela-Aro, K., 2024, *The Sage Handbook of Sociology of Education*. Berends, M., Schneider, B. & Lamb, S. (eds.). Sage, p. 388-406 19 p.

**How do different childbirth experience scales predict childbirth-related posttraumatic stress symptoms and disorder?**

Mäkelä, T., Saisto, T., Salmela-Aro, K. & Rouhe, H., 31 Dec 2023, In: Journal of Psychosomatic Obstetrics and Gynecology. 44, 1, 8 p., 2210750.

**Analysing Intervention Programmes: Barriers and Success Factors. A Systematic Review**

Martinez, D., Helsper, E. J., Casado, M. Á., Martinez, G., Larrañaga, N., Garmendia, M., Oliveira, R., Salmela-Aro, K., Spurava, G., Hietajärvi, L., Maksniemi, E., Sormanen, N., Tiihonen, S. & Wilska, T.-A., 1 Dec 2023, Leuven: KU Leuven: REMEDIS. 40 p.

**Co-Developing Media Literacy and Digital Skills Interventions: Report on Preliminary Results**

Martinez, D., Helsper, E. J., Casado, M. Á., Martinez, G., Larrañaga, N., Garmendia, M., Oliveira, R., Salmela-Aro, K., Spurava, G., Hietajärvi, L., Maksniemi, E., Sormanen, N., Tiihonen, S., Wilska, T.-A., Vissenberg, J., Puusepp, M., Edisherashvili, N., Tomczyk, L., Opozda-Suder, S. & Sepielak, D. & 2 others, Pedaste, M. & d'Haenens, L., 1 Dec 2023, Leuven: KU Leuven: REMEDIS. 22 p.

**Interconnected trajectories of achievement goals, academic achievement, and well-being: Insights from an expanded goal framework**

Yu, J., Kreijkes, P. & Salmela-Aro, K., Dec 2023, In: Learning and Individual Differences. 108, 13 p., 102384.

**The association between school burnout, school connectedness, and bullying victimization: A longitudinal study**

Lo Cricchio, M. G., Zambuto, V., Palladino, B. E., Nocentini, A., Salmela-Aro, K. & Menesini, E., Nov 2023, In: International Journal of Behavioral Development. 47, 6, p. 508-520 13 p.

**Profiles of climate change distress and climate denialism during adolescence: A two-cohort longitudinal study**

Veijonaho, S., Ojala, M., Hietajärvi, L. & Salmela-Aro, K., 27 Oct 2023, In: International Journal of Behavioral Development. p. 1-10 10 p.

**Report on collected fMRI data related to effects of intensity of ICT use on brain activity associated with attention and with linguistic and mathematical processes**

Alho, K., Hartmann, H., Ylinen, A., Hannula-Sormunen, M., McMullen, J., Lehtinen, E., Rinne, N., Hietajärvi, L., Salmela-Aro, K., Wikman, P., Bellon, E. & De Smedt, B., 31 Aug 2023, Zenodo, 25 p.

**Child temperament is associated with energy intake and its day-to-day variability among preschoolers—Results from a cross-sectional DAGIS study**

Pajulahti, R. E., Ray, C., Korkalo, L., Lehto, R., Vepsäläinen, H., Nissinen, K. M., Roos, E., Sajaniemi, N., Salmela-Aro, K. & Erkkola, M., Aug 2023, In: Pediatric obesity. 18, 8, 9 p.

**Climate change distress, coping strategies and pro-environmental behavior: A three-wave longitudinal study among Finnish comprehensive school students.**

Veijonaho, S., Hietajärvi, L., Ojala, M. & Salmela-Aro, K., Aug 2023.

**Mathematics learning gap during pandemic among early adolescents: Roles of own aspiration and parental involvement**

Huang, H., Tang, X., Zhang, Y., Sun, Y., Zhang, X. & Salmela-Aro, K., Aug 2023, In: Learning and Individual Differences. 106, 11 p.

**Networks and directed acyclic graphs: Initial steps to efficiently examine causal relations between expectancies, values, and prior achievement**

Lee, H. R., Tang, X., Alvarez-Vargas, D., Yang, J., Bailey, D., Simpkins, S., Safavian, N., Gaspard, H., Salmela-Aro, K., Moeller, J., Eccles, J. S. & Wigfield, A., 13 Jul 2023, In: Current Psychology (New York). 17 p.

**Prenatal wellbeing of mothers, their partners, and couples: a cross-sectional descriptive study**

Mäkelä, T., Saisto, T., Salmela-Aro, K., Miettinen, J., Sintonen, H. & Rouhe, H., 22 Jun 2023, In: BMC Pregnancy and Childbirth. 23, 1, 10 p., 468.

**The "Let's Talk about Children" intervention in a Finnish school context: fidelity, parents' experiences, and perceived benefits**

Allemand, L., Niemelä, M., Merikukka, M. & Salmela-Aro, K., 9 Jun 2023, In: *Frontiers in Psychology*. 14, 10 p., 1183704.

**The Roles of Social-Emotional Skills in Students' Academic and Life Success: A Multi-Informant and Multicohort Perspective**

Guo, J., Tang, X., Marsh, H. W., Parker, P. D., Basarkod, G., Sahdra, B., Ranta, M. & Salmela-Aro, K., 6 Jun 2023, In: *Journal of Personality and Social Psychology*. 124, 5, p. 1079–1110 33 p.

**Epistemic Emotions and Observations Are Intertwined in Scientific Sensemaking: A Study among Upper Secondary Physics Students**

Vilhunen, E., Chiu, M.-H., Salmela-Aro, K., Lavonen, J. & Juuti, K., Jun 2023, In: *International Journal of Science and Mathematics Education*. 21, 5, p. 1545–1566 22 p.

**Identity profiles, motivations for attending university and study-related burnout: Differences between Finnish students in professional and non-professional fields**

Mannerström, R., Haarala-Muhonen, A., Parpala, A., Hailikari, T. & Salmela-Aro, K., 25 May 2023, In: *European Journal of Psychology of Education*. 19 p.

**Can you feel the excitement? Physiological correlates of students' self-reported emotions**

Ketonen, E. E., Salonen, R., Lonka, K. & Salmela-Aro, K., Apr 2023, In: *British Journal of Educational Psychology*. 93, S1, p. 113-129 17 p., 12534.

**Value Profiles Among Finnish Adolescents and Their Associations With Subjective and Social Well-Being**

Mannerstrom, R., Hietajarvi, L., Kuusisto, A., Salmela-Aro, K. & Kallioniemi, A., Apr 2023, In: *Child Indicators Research*. 16, 2, p. 509-531 23 p.

**Job burnout and work engagement in entrepreneurs: how the psychological utility of entrepreneurship drives healthy engagement**

Obschonka, M., Pavez, I., Kautonen, T., Kibler, E., Salmela-Aro, K. & Wincent, J., Mar 2023, In: *Journal of Business Venturing*. 38, 2, 31 p., 106272.

**Overcoming Vulnerability in the Life Course-Reflections on a Research Program**

Settersten, R. A., Buchmann, M., Kohli, M., Levy, R., de Ribaupierre, A., Salmela-Aro, K. & Thomson, E., 1 Jan 2023, *Withstanding Vulnerability throughout Adult Life: Dynamics of Stressors, Resources, and Reserves*. Spini, D. & Widmer, E. (eds.). Springer Nature, p. 425-438 14 p.

**Negative emotions about climate change are related to insomnia symptoms and mental health: Cross-sectional evidence from 25 countries**

Ogunbode, C. A., Pallesen, S., Böhm, G., Doran, R., Bhullar, N., Aquino, S., Marot, T., Schermer, J. A., Wlodarczyk, A., Lu, S., Jiang, F., Salmela-Aro, K., Hanss, D., Maran, D. A., Ardi, R., Chegeni, R., Tahir, H., Ghanbarian, E., Park, J. & Tsubakita, T. & 14 others, Tan, C.-S., van den Broek, K. L., Chukwuorji, J. C., Ojewumi, K., Reyes, M. E. S., Lins, S., Enea, V., Volkodav, T., Sollar, T., Navarro-Carrillo, G., Torres-Marín, J., Mbungu, W., Onyutha, C. & Lomas, M. J., Jan 2023, In: *Current Psychology (New York)*. 42, 2, p. 845-854 10 p.

**Assessing and Tracking Students' Wellbeing through an Automated Scoring System: School Day Wellbeing Model**

Tang, X., Upadyaya, K., Hiroyuki, T., Kasanen, M. & Salmela-Aro, K., 2023, *AI in Learning: Designing the Future*. Niemi, H., Pea, R. D. & Lu, Y. (eds.). Cham: Springer, p. 55–71 17 p.

**Climate Anxiety in Finland Among Native and Immigrant Youth: Does Experienced Discrimination and Acculturation Orientations Matter?**

Abdulhamed, R., Veijonaho, S., Lonka, K. & Salmela-Aro, K., 2023, p. 50-51. 1 p.

**Hiljaiset äänet esiin: Koronapandemian heijastuminen lasten psyykkiseen hyvinvointiin ja sosiaalisiin suhteisiin ja oppimiseen**

Pakarinen, E., Upadyaya, K., Kiuru, N., Salmela-Aro, K. & Lerkkanen, M.-K., 2023, *Terveys ja lapsen oikeudet*. Aira, A., Helander, M., Pekkarinen, E. & Tuukkanen, T. (eds.). LAPSIASIAVAALTUUTETUN TOIMISTO, p. 54-68 15 p.

(Lapsiasiavaltuutetun toimiston julkaisuja ; vol. 2023, no. 7).

**Intraindividual dynamics and fluctuations of competence, engagement and disaffection**

Järvinen, J., Hietajärvi, L., Ketonen, E. E., Malmberg, L.-E. & Salmela-Aro, K., 2023.

**Job crafting among school principals before and during COVID-19: Investigating the associations with work-related well-being and personal resources using variable- and person-oriented approaches**

Toyama, H., Upadyaya, K., Hietajärvi, L. & Salmela-Aro, K., 2023, In: European Management Journal. 11 p.

**Kaksivuotisen esiopetuksen kokeilu: Väiliraportti**

Sarvimäki, M., Alasuutari, M., Harjunen, O., Holvio, A., Izadi, R., Kalland, M., Kuusiholma-Linnamäki, J., Laakso, M.-J., Lerkkanen, M.-K., Muhonen, H., Räsänen, P., Salmela-Aro, K., Saranko, L., Sulkanen, M. & Upadyaya, K., 2023, Helsinki: Opetus- ja kulttuuriministeriö. 64 p. (Opetus- ja kulttuuriministeriön julkaisuja; vol. 2023, no. 19)

**Reasons and consequences for media multitasking during studying – an experience sampling approach**

Hietajärvi, L., Maksniemi, E., Järvinen, J., Ketonen, E. E., Lonka, K. & Salmela-Aro, K., 2023.

**Situational and daily technology use and wellbeing among adolescents: A report on the findings from an ESM study conducted in Belgium and Finland**

Järvinen, J., Maksniemi, E., Hietajärvi, L., Gale, J., Bossens, E. & Salmela-Aro, K., 2023, KU Leuven: ySKILLS.

**The Impact of the COVID-19 Pandemic on Bullying Victimization and Emotional Symptoms: A Longitudinal Study on Natives and Students With Immigrant Backgrounds**

Basilici, M. C., Palladino, B. E., Upadyaya, K., De Luca, L., Salmela-Aro, K. & Menesini, E., 2023, In: International journal of bullying prevention. 12 p.

**The role of needs-based study crafting in students' study engagement and the intervening role of psychological needs satisfaction: An application of the integrative needs model of crafting to the student context**

Hiroyuki, T., Yajima, J. & Salmela-Aro, K., 2023.

**The Switch to Distance Teaching and Learning in Finland During the COVID-19 Pandemic (2020–2022) Went Technically Well but Was Emotionally Challenging**

Salmela-Aro, K. & Lavonen, J., 2023, *Schools and Society During the COVID-19 Pandemic: How Education Systems Changed and the Road Ahead*. Reimers, F. M. (ed.). 1 ed. Cham: Springer, p. 63-84 21 p.

**Upper secondary academic education and vocational education and training in comparative perspective**

Parada, F., Upadyaya, K. & Salmela-Aro, K., 2023, *The Sage Handbook of Sociology of Education*. Berends, M., Schneider, B. & Lamb, S. (eds.). Sage, p. 388-406

**Yliopisto-opiskelijoiden opiskelu-uupumus ja -into koronapandemian aikana**

Salmela-Aro, K., Upadyaya, K., Ronkainen, I. A. & Hietajärvi, L., 2023, *Koronapandemia, työ ja yhteiskunta. Muuttuiko Suomi?*. Mälikangas, A. & Pyöriä, P. (eds.). 1 ed. Gaudeamus, p. 186-203 18 p.

**Associations between adolescent students' multiple domain task value-cost profiles and STEM aspirations**

Vinni-Laakso, J., Upadyaya, K. & Salmela-Aro, K., 22 Dec 2022, In: *Frontiers in Psychology*. 13, 19 p., 951309.

**Climate anxiety, wellbeing and pro-environmental action: correlates of negative emotional responses to climate change in 32 countries**

Ogunbode, C. A., Doran, R., Hanss, D., Ojala, M., Salmela-Aro, K., van den Broek, K. L., Bhullar, N., Aquino, S. D., Marot, T., Schermer, J. A., Wlodarczyk, A., Lu, S., Jiang, F., Maran, D. A., Yadav, R., Ardi, R., Chegeni, R., Ghanbarian, E., Zand, S. & Najafi, R. & 23 others, Park, J., Tsubakita, T., Tan, C. S., Chukwuorji, J. B. C., Ojewumi, K. A., Tahir, H., Albzour, M., Reyes, M. E. S., Lins, S., Enea, V., Volkodav, T., Sollari, T., Navarro-Carrillo, G., Torres-Marín, J., Mbungu, W., Ayanian, A. H., Ghorayeb, J., Onyutha, C., Lomas, M. J., Helmy, M., Martínez-Buelvas, L., Bayad, A. & Karasu, M., Dec 2022, In: *Journal of Environmental Psychology*. 84, 101887.

**From high peaks to deep valleys: Using a situation- and person-oriented approach to assess within- and between-student variation in momentary engagement and disengagement**

Järvinen, J., Ketonen, E. E., Hietajärvi, L. & Salmela-Aro, K., Dec 2022, In: Learning and Instruction. 82, 11 p., 101685.

**Kouluyhteisön hyvinvointi ja digitaalisuus tasapainoon: Poliitikasuositus**

Salmela-Aro, K., Alho, K., Lonka, K., Upadyaya, K., Vinni-Laakso, J. & Ronkainen, I., 1 Nov 2022, Suomen Akatemian Strategisen tutkimuksen neuvosto, 3 p.

**Motivaatio luonnontieteiden opiskelussa**

Vinni-Laakso, J. & Salmela-Aro, K., Nov 2022, *Projektioppiminen luonnontieteissä*. Juuti, K., Lavonen, J. & Salmela-Aro, K. (eds.). Gaudeamus, p. 219-235 17 p.

**Projektioppiminen luonnontieteissä**

Juuti, K. (Editor), Lavonen, J. (Editor) & Salmela-Aro, K. (Editor), Nov 2022, Helsinki: Gaudeamus. 316 p.

**Comparison of the inter-item correlations of the Big Five Inventory-10 (BFI-10) between Western and non-Western contexts**

Park, J., van den Broek, K. L., Bhullar, N., Ogunbode, C. A., Schermer, J. A., Doran, R., Ardi, R., Hanss, D., Maran, D. A., Albzour, M., Aquino, S. D., Ayanian, A. H., Chegeni, R., Chukwuorji, J. C., Enea, V., Ghanbarian, E., Ghorayeb, J., Jiang, F., Kehinde, O. A. & Lins, S. & 16 others, Lomas, M. J., Lu, S., Marot, T., Mbungu, W., Navarro-Carrillo, G., Onyutha, C., Reyes, M. E. S., Salmela-Aro, K., Sollar, T., Tahir, H., Tan, C.-S., Torres-Marin, J., Tsubakita, T., Volkodav, T., Wlodarczyk, A. & Yadav, R., Oct 2022, In: Personality and Individual Differences. 196, 7 p., 111751.

**Job crafting and well-being among school principals: The role of basic psychological need Satisfaction and frustration**

Toyama, H., Upadyaya, K. & Salmela-Aro, K., Oct 2022, In: European Management Journal. 40, 5, p. 809-818 10 p.

**New Materialist Network Approaches in Science Education: A Method to Construct Network Data from Video**

Turkkila, M., Lavonen, J., Salmela-Aro, K. & Juuti, K., Oct 2022, In: Frontline Learning Research. 10, 2, p. 22-44 23 p.

**Gendered difference in motivational profiles, achievement, and STEM aspiration of elementary school students**

Olive, K., Tang, X., Loukomies, A., Juuti, K. & Salmela-Aro, K., 29 Aug 2022, In: Frontiers in Psychology. 13, 18 p., 954325.

**Kestävä ja uudistuva yhteiskunta: Korkeatasoinen koulutus ja osaavat kansalaiset kestävän yhteiskunnan edellytyksenä**

Hakkarainen, K., Korhonen, T., Lavonen, J., Reinius, H., Salmela-Aro, K., Salo, L., Vinni-Laakso, J., Hannula-Sormunen, M., Lehtinen, E., Tapio, P. & Ahokas, I., 25 Aug 2022, 43 p.

**Situating expectancies and subjective task values across grade levels, domains, and countries: A network approach**

Tang, X., Lee, H. R., Wan, S., Gaspard, H. & Salmela-Aro, K., Aug 2022, In: AERA open. 8, 16 p., 23328584221117168.

**Students' growth mindset: Relation to teacher beliefs, teaching practices, and school climate**

Yu, J., Kreijkes, P. & Salmela-Aro, K., Aug 2022, In: Learning and Instruction. 80, 11 p., 101616.

**The Differences and Similarities between Curiosity and Interest: Meta-analysis and Network Analyses**

Tang, X., Renninger, K. A., Hidi, S. E., Murayama, K., Lavonen, J. & Salmela-Aro, K., Aug 2022, In: Learning and Instruction. 80, 15 p., 101628.

**The growth of entrepreneurial human capital: origins and development of skill variety**

Krieger, A., Stuetzer, M., Obschonka, M. & Salmela-Aro, K., Aug 2022, In: Small Business Economics. 59, 2, p. 645 - 664 20 p.

**Closing the gender gap in entrepreneurship: The importance of skill variety**

Krieger, A., Block, J., Stuetzer, M., Obschonka, M. & Salmela-Aro, K., 8 Jul 2022, In: PLoS One. 17, 7, 24 p.

**How Does Well-Being in School Matter? Effects, Influencing Factors, and Promotion**

Hascher, T., Tuominen, H. & Salmela-Aro, K., Jul 2022, In: Zeitschrift für Psychologie. 230, 3, p. 187-188 2 p.

**The Interconnected Development of Depressive Symptoms and School Functioning From Mid-Adolescence to Early Adulthood: A Piecewise Growth Mixture Analysis**

Olivier, E., Morin, A. J. S., Leo, V. & Salmela-Aro, K., 23 Jun 2022, In: Journal of Educational Psychology. 115, 3, p. 427-445 20 p.

**Luonnontieteen opetuksen ja opiskelun työtapojen yhteys lukiolaisten tilannekohtaiseen sitoutumiseen**

Vilhunen, E., Lavonen, J., Salmela-Aro, K. & Juuti, K., 20 Jun 2022, In: Kasvatus. 53, 3, p. 245–258 14 p.

**Digital engagement, school burnout and academic performance: Longitudinal within-student relations**

Hietajärvi, L., Maksniemi, E., Lonka, K., Hakkarainen, K., Alho, K. & Salmela-Aro, K., Jun 2022, In: Open Science Framework Preprints.

**Finnish upper secondary school student's climate change related well-being and behavior profiles**

Veijonaho, S. & Salmela-Aro, K., Jun 2022.

**Brain Responses to Peer Feedback in Social Media Are Modulated by Valence in Late Adolescence**

Wikman, P., Moisala, M., Ylinen, A., Lindblom, J., Leikas, S., Salmela-Aro, K., Lonka, K., Güroğlu, B. & Alho, K., 30 May 2022, In: Frontiers in Behavioral Neuroscience. 16, 14 p., 790478.

**Exploring the relations among teachers' epistemic theories, work engagement, burnout and the contemporary challenges of the teacher profession**

Lamassaari, H. M. W., Hietajärvi, L., Salmela-Aro, K., Hakkarainen, K. & Lonka, K., 25 Apr 2022, In: Frontiers in Psychology. 13, 13 p., 861437.

**Intraindividual associations between active social media use, exhaustion, and bedtime vary according to age: A longitudinal study across adolescence**

Maksniemi, E., Hietajärvi, L., Ketonen, E. E., Lonka, K., Puukko, K. & Salmela-Aro, K., 7 Apr 2022, In: Journal of Adolescence. 94, 3, p. 401-414 14 p.

**Clarifying the relation between epistemic emotions and learning by using experience sampling method and pre-posttest design**

Vilhunen, E., Turkkila, M., Lavonen, J., Salmela-Aro, K. & Juuti, K., 6 Apr 2022, In: Frontiers in education. 7, 11 p., 826852.

**Digital Engagement and Academic Functioning: A Developmental-Contextual Approach**

Hietajärvi, L., Maksniemi, E. & Salmela-Aro, K., 5 Apr 2022, In: European Psychologist. 27, 2, p. 102-115 14 p.

**4. Koronaepidemian vaikutukset eri väestöryhmien hyvinvointiin ja palveluihin: 4.3. Korkeakouluopiskelijat**

Parikka, S., Koskela, T., Hietajärvi, L., Ikonen, J. & Salmela-Aro, K., Apr 2022, Terveysten ja hyvinvoinnin laitos.

**Digital Revolution and Youth: Consequences for Their Development and Education**

Salmela-Aro, K. & Motti-Stefanidi, F., Apr 2022, In: European Psychologist. 27, 2, p. 73-75 3 p.

**Effects of Media Multitasking and Video Gaming on Cognitive Functions and Their Neural Bases in Adolescents and Young Adults**

Alho, K., Moisala, M. & Salmela-Aro, K., Apr 2022, In: European Psychologist. 27, 2, p. 131-140 10 p.

**Study burnout and engagement during COVID-19 among university students: The role of demands, resources, and psychological needs**

Salmela-Aro, K., Upadyaya, K., Ronkainen, I. & Hietajärvi, L., Apr 2022, In: Journal of Happiness Studies. 23



**Improving Science Achievement — Is It Possible? Evaluating the Efficacy of a High School Chemistry and Physics Project-Based Learning Intervention**

Schneider, B., Krajcik, J., Lavonen, J., Salmela-Aro, K., Klager, C., Bradford, L., Chen, I. C., Baker, Q., Touitou, I., Peek-Brown, D., Dezendorf, R. M., Maestrales, S. & Bartz, K., Mar 2022, In: *Educational Researcher*. 51, 2, p. 109-121 13 p.

**School burnout trends and sociodemographic factors in Finland 2006-2019**

Read, S., Hietajärvi, L. & Salmela-Aro, K., Mar 2022, In: *Social Psychiatry and Psychiatric Epidemiology*. 57, p. 1659–1669 11 p.

**The longitudinal associations between mental health indicators and digital media use and physical activity during adolescence: A latent class approach**

Engberg, E., Hietajärvi, L., Maksniemi, E., Lahti, J. M., Lonka, K., Salmela-Aro, K. & Viljakainen, H., Mar 2022, In: *Mental health and physical activity*. 22, 12 p., 100448.

**The Effects of Peers' Career Goal Appraisals on School to Work Transition Outcomes**

Ruschhoff, B., Kowalewski, T. & Salmela-Aro, K., 1 Feb 2022, In: *Journal of Career Development*. 49, 1, p. 144-160 17 p., 08948453211020132.

**U.S. and Finnish high school science engagement during the COVID-19 pandemic**

Maestrales, S., Dezendorf, R. M., Tang, X., Salmela-Aro, K., Bartz, K., Juuti, K., Lavonen, J., Krajcik, J. & Schneider, B., Feb 2022, In: *International Journal of Psychology*. 57, 1, p. 73-86 14 p.

**The Satisfaction with Life Scale in Adolescent Samples: Measurement Invariance across 24 Countries and Regions, Age, and Gender**

Jovanović, V., Rudnev, M., Arslan, G., Buzea, C., Dimitrova, R., Góngora, V., Guse, T., Ho, R. T. H., Iqbal, N., Jámbori, S., Jhang, F.-H., Kaniušonytė, G., Li, J., Lim, Y.-J., Lodi, E., Mannerstrom, R., Marcionetti, J., Neto, F., Osin, E. & Park, J. & 13 others, Fonseca-Pedrero, E., Piotrowski, J., Proctor, C., Rahmandani, A., Salmela-Aro, K., Ortuño-Sierra, J., Stefanel, D., Sugimura, K., Tan, S. A., Wang, S., Yip, P. S. F., Žemojtel-Piotrowska, M. & Žukauskienė, R., 24 Jan 2022, In: *Applied research in quality of life*. 17, p. 2139–2161 23 p.

**Study Demands-Resources Model of Student Engagement and Burnout**

Salmela-Aro, K., Tang, X. & Upadyaya, K., 1 Jan 2022, *Handbook of Research on Student Engagement: Second edition*. Reschly, A. L. & Christenson, S. L. (eds.). 2nd ed. ed. Springer International Publishing - Birkhäuser, p. 77-93 17 p.

**Validation and Reliability of the German Version of the School Burnout Inventory**

Hoferichter, F., Raufelder, D., Schweder, S. & Salmela-Aro, K., Jan 2022, In: *Zeitschrift für Entwicklungspsychologie und Pädagogische Psychologie*. 54, 1, p. 1-14 14 p.

**Experiences of Moving Quickly to Distance Teaching and Learning at All Levels of Education in Finland**

Lavonen, J. & Salmela-Aro, K., 2022, *Primary and Secondary Education During Covid-19*. Reimers, F. (ed.). Cham, Switzerland: Springer, p. 105 - 123 18 p.

**Nuoret ja ilmastonmuutos – ilmastonmuutokseen liittyvät lukiolaisnuorten hyvinvointi- ja toimintaprofiilit**

Veijonaho, S. & Salmela-Aro, K., 2022, In: *Psykologia*. 57, 4

**Nuorissa on tulevaisuus, mutta masennus ja uupumus kalvavat heitä useammin kuin koskaan**

Salmela-Aro, K., 2022, In: *Tieteessä tapahtuu*. 40, 3, p. 3-4 2 p.

**Opiskeluhyvinvointi ja sosioemotionaaliset taidot**

Salmela-Aro, K. & Upadyaya, K., 2022, *Projektioppiminen luonnontieteissä*. Juuti, K., Lavonen, J. & Salmela-Aro, K. (eds.). Helsinki: Gaudeamus, p. 199–210 12 p.

**Projektioppiminen vastauksena globaaleihin haasteisiin**

Juuti, K., Lavonen, J. & Salmela-Aro, K., 2022, *Projektioppiminen luonnontieteissä*. Juuti, K., Lavonen, J. & Salmela-Aro, K. (eds.). Helsinki: Gaudeamus, p. 260–267 8 p.

**Report on the effects of ICT use on attention-related cognitive functions measured with ESM and fMRI: Focus on ESM and fMRI methods to measure effects of ICT skills and use on wellbeing and cognitive functions**

Salmela-Aro, K., Alho, K., Järvinen, J., Salonen, R., Mannerström, R., Hietajärvi, L., Maksniemi, E., Puukko, K., Gale, J., Bossens, E., Ylinen, A., Wikman, P., Bellon, E. & De Smedt, B., 2022, Zenodo.

**School Principals' Stress Profiles During COVID-19, Demands, and Resources**

Upadyaya, K., Toyama, H. & Salmela-Aro, K., 16 Dec 2021, In: *Frontiers in Psychology*. 12, 10 p., 731929.

**Taitavaa tiimiä rakentamassa: miten tukea yhteistyötaitojen oppimista arjen työskentelyssä**

Lakkala, M., Kallunki, V., Salmela-Aro, K., Harjula, V.-M., Männistö, T., Dexter, P. & Toom, A., 2 Dec 2021.

**The baby and the bathwater: On the need for substantive-methodological synergy in organizational research**

Hofmans, J., Morin, A. J. S., Breitsohl, H., Ceulemans, E., Chenard-Poirier, L. A., Driver, C. C., Fernet, C., Gagne, M., Gillet, N., Gonzalez-Roma, V., Grimm, K. J., Hamaker, E. L., Hau, K.-T., Houle, S. A., Howard, J. L., Kline, R. B., Kuijpers, E., Leyens, T., Litalien, D. & Mäkikangas, A. & 21 others, Marsh, H. W., McLarnon, M. J. W., Meyer, J. P., Navarro, J., Olivier, E., O'Neill, T. A., Pekrun, R., Salmela-Aro, K., Solinger, O. N., Sonnentag, S., Tay, L., Toth-Kiraly, I., Vallerand, R. J., Vandenberghe, C., van Rosseberg, Y. G. T., Vantilborgh, T., Vergauwe, J., Vullings, J. T., Wang, M., Wen, Z. & Wille, B., Dec 2021, In: *Industrial and Organizational Psychology*. 14, 4, p. 497-504 8 p., 1754942621001115.

**Upper secondary students' situational interest in physics learning in Finland and Chile**

Lavonen, J., Ávalos, B., Upadyaya, K., Araneda, S., Juuti, K., Cumsille, P., Inkinen, J. & Salmela-Aro, K., 2 Nov 2021, In: *International Journal of Science Education*. 43, 16, p. 2577-2596 20 p.

**Distance learning in higher education during COVID-19: The role of basic psychological needs and intrinsic motivation for persistence and procrastination—a multi-country study**

Pelikan, E. R., Korlat, S., Reiter, J., Holzer, J., Mayerhofer, M., Schober, B., Spiel, C., Hamzallari, O., Uka, A., Chen, J., Välimäki, M., Puharić, Z., Anusionwu, K. E., Okocha, A. N., Zabrodska, A., Salmela-Aro, K., Käser, U., Schultze-Krumbholz, A., Wachs, S. & Friðriksson, F. & 24 others, Gunnþórsdóttir, H., Höller, Y., Aoyama, I., Ieshima, A., Toda, Y., Konjufca, J., Llullaku, N., Gedutienė, R., Axisa, G. B., Bundalevska, I. A., Keskinova, A., Radulovic, M., Lewandowska-Walter, A., Michałek-Kwiecień, J., Plichta, P., Pyżalski, J., Walter, N., Cautisanu, C., Voda, A. I., Gao, S., Islam, S., Wistrand, K., Wright, M. F. & Lüftenegger, M., Oct 2021, In: *PLoS One*. 16, 10, 23 p., e0257346.

**Reciprocal Associations between Burnout and Depression: An 8-Year Longitudinal Study**

Toth-Kiraly, I., Morin, A. J. S. & Salmela-Aro, K., Oct 2021, In: *Applied Psychology*. 70, 4, p. 1691-1727 37 p.

**Instructional Activities Predicting Epistemic Emotions in Finnish Upper Secondary School Science Lessons: Combining Experience Sampling and Video Observations**

Vilhunen, E., Tang, X., Juuti, K., Lavonen, J. & Salmela-Aro, K., 25 Sept 2021, *Engaging with Contemporary Challenges through Science Education Research: Selected papers from the ESERA 2019 Conference*. Levrini, O., Tasquier, G., Amin, T. G., Branchetti, L. & Levin, M. (eds.). Cham: Springer, p. 317-329 13 p. (Contributions from Science Education Research; vol. 9).

**Latent Profiles of Parental Burnout During COVID-19: The Role of Child-Related Perceptions**

Upadyaya, K. & Salmela-Aro, K., 3 Sept 2021, In: *Frontiers in Psychology*. 12, 10 p., 682642.

**Adolescents' Longitudinal School Engagement and Burnout Before and During COVID-19-The Role of Socio-Emotional Skills**

Salmela-Aro, K., Upadyaya, K., Vinni-Laakso, J. & Hietajärvi, L., Sept 2021, In: *Journal of Research on Adolescence*. 31, 3, p. 796-807 12 p.

**Patterns of situational engagement and task values in science lessons**

Upadyaya, K., Cumsille, P., Avalos, B., Araneda, S., Lavonen, J. & Salmela-Aro, K., 19 Aug 2021, In: *The Journal of Educational Research*. 114, 4, p. 394-403 10 p.

**A Teacher–Researcher Partnership for Professional Learning: Co-Designing Project-Based Learning Units to Increase Student Engagement in Science Classes**

Juuti, K., Lavonen, J., Salonen, V., Salmela-Aro, K., Schneider, B. & Krajcik, J., 18 Aug 2021, In: Journal of Science Teacher Education. 32, 6, p. 625-641 17 p.

**The Co-Development of Science, Math, and Language Interest Among Spanish and Finnish Secondary School Students**

Sainz, M., Upadyaya, K. & Salmela-Aro, K., 16 Aug 2021, In: Frontiers in education. 6, 9 p., 684543.

**Introduction to "Psychology and the Environmental Crisis" A Collection of Previously Published Papers**

Wainwright, T. W., de Matos, M. G. & Salmela-Aro, K., Jul 2021, In: European Psychologist. 26, 3, p. 159-160 2 p.

**Longitudinal Trajectories, Social and Individual Antecedents, and Outcomes of Problematic Internet Use Among Late Adolescents**

Toth-Kiraly, I., Morin, A. J. S., Hietajärvi, L. & Salmela-Aro, K., Jul 2021, In: Child Development. 92, 4, p. E653-E673 21 p.

**Psychology and the Environmental Crisis**

Wainwright, T. W., de Matos, M. G. & Salmela-Aro, K., Jul 2021, In: European Psychologist. 26, 3, p. 155-158 4 p.

**Does temperament make children differently susceptible to their home physical food environment? A cross-sectional DAGIS study on 3-6 year old Finnish children's food consumption**

Pajulahti, R., Salmela-Aro, K., Lehto, R., Vepsäläinen, H., Lehto, E., Nissinen, K., Skaffari, E., Sääksjärvi, K., Roos, E., Sajaniemi, N., Erkkola, M. & Ray, C., 1 Jun 2021, In: Appetite. 161, 9 p., 105140.

**Momentary task-values and expectations predict engagement in science among Finnish and Chilean secondary school students**

Salmela-Aro, K., Upadyaya, K., Cumsille, P., Lavonen, J., Avalos, B. & Eccles, J., Jun 2021, In: International Journal of Psychology. 56, 3, p. 415-424 10 p.

**Adolescent well-being and learning in times of COVID-19-A multi-country study of basic psychological need satisfaction, learning behavior, and the mediating roles of positive emotion and intrinsic motivation**

Holzer, J., Korlat, S., Haider, C., Mayerhofer, M., Pelikan, E., Schober, B., Spiel, C., Toumazi, T., Salmela-Aro, K., Kaeser, U., Schultze-Krumbholz, A., Wachs, S., Dabas, M., Verma, S., Iliev, D., Andonovska-Trajkovska, D., Plichta, P., Pyzalski, J., Walter, N. & Michalek-Kwiecien, J. & 3 others, Lewandowska-Walter, A., Wright, M. F. & Lueftenegger, M., 12 May 2021, In: PLoS One. 16, 5, 22 p., 0251352.

**The Prospective Role of Epistemic Curiosity in National Standardized Test Performance**

Tang, X. & Salmela-Aro, K., 6 May 2021, In: Learning and Individual Differences. 88, 9 p., 102008.

**A Two-wave Longitudinal Study of Identity Profiles Based on Eight Dimensions: Further Insight into Exploration and Commitment Quality as Well as Life Domains Central to Identity**

Mannerström, R., Hietajärvi, L. & Salmela-Aro, K., 3 Apr 2021, In: Identity : an International Journal of Theory and Research. 21, 2, p. 159-184 26 p.

**Employment trajectories until midlife associate with early social role investments and current work-related well-being**

Ek, E., Ala-Mursula, L., Velazquez, R. G., Tolvanen, A. & Salmela-Aro, K., Mar 2021, In: Advances in Life Course Research. 47, 16 p., 100391.

**Higher Education in Times of COVID-19: University Students' Basic Need Satisfaction, Self-Regulated Learning, and Well-Being**

Holzer, J., Lueftenegger, M., Korlat, S., Pelikan, E., Salmela-Aro, K., Spiel, C. & Schober, B., Mar 2021, In: AERA open. 7, 13 p., 23328584211003164.

**Putting the Goal Back into Grit: Academic Goal Commitment, Grit, and Academic Achievement**

Tang, X., Wang, M.-T., Parada, F. & Salmela-Aro, K., Mar 2021, In: Journal of Youth and Adolescence. 50, 3, p. 470-484 15 p.

**Kohti rakentavaa keskustelua digitaalisen median todellisista vaikutuksista**

Alho, K., Matikainen, J., Pantzar, M. & Salmela-Aro, K., 19 Feb 2021, *Ilmiökartta: digitaalisen median vaikutukset lapsiin, nuoriin ja ikäihmisiin*. Särkkä, N. (ed.). Helsinki: Suomalainen Tiedeakatemia, p. 8-9 2 p.

**Assessing Engagement in Chinese Upper Secondary School Students Using the Chinese Version of the Schoolwork Engagement Inventory: Energy, Dedication, and Absorption (CEDA)**

Teuber, Z., Tang, X., Salmela-Aro, K. & Wild, E., 18 Feb 2021, In: *Frontiers in Psychology*. 12, 12 p., 638189.

**Adolescent Students' Digital Engagement and Achievement Goal Orientation Profiles**

Mädämürk, K., Tuominen, H., Hietajärvi, L. & Salmela-Aro, K., Feb 2021, In: *Computers & Education*. 161, 12 p., 104058.

**A longitudinal perspective on the associations between work engagement and workaholism**

Toth-Kiraly, I., Morin, A. J. S. & Salmela-Aro, K., 2 Jan 2021, In: *Work and Stress*. 35, 1, p. 27-56 30 p.

**Elementary school students' motivational profiles across Finnish language, mathematics and science: Longitudinal trajectories, gender differences and STEM aspirations**

Oppermann, E., Vinni-Laakso, J., Juuti, K., Loukomies, A. & Salmela-Aro, K., Jan 2021, In: *Contemporary Educational Psychology*. 64, 13 p., 101927.

**School Burnout and Psychosocial Problems among Adolescents: Grit as a Resilience Factor**

Tang, X., Upadyaya, K. & Salmela-Aro, K., Jan 2021, In: *Journal of Adolescence*. 86, p. 77-89 13 p.

**Networks of Expectancies-Values-Costs among Finnish Adolescents: Consistency across Subjects, Years, and Effects on Academic Achievement**

Tang, X. & Salmela-Aro, K., 2021, (Accepted/In press).

**Positive Youth Development Through Student Engagement: Associations with Well-Being**

Upadyaya, K. & Salmela-Aro, K., 2021, *Handbook of Positive Youth Development : Advancing Research, Policy, and Practice in Global Contexts*. Dimitrova, R. & Wium, N. (eds.). Cham: Springer, p. 361-374 14 p. (Springer Series on Child and Family Studies SSCFS).

**Rehtorien ja opettajien hyvinvointi koronapandemian aikana**

Salmela-Aro, K., Upadyaya, K. & Hietajärvi, L., 2021, In: *Työn tuuli : aikakauskirja*. 30, 1, p. 14-19 6 p.

**Student Engagement in Adolescence: A Scoping Review of Longitudinal Studies 2010-2020**

Salmela-Aro, K., Tang, X., Symonds, J. & Upadyaya, K., 2021, In: *Journal of Research on Adolescence*. 31, 2, p. 256-272 17 p.

**Supporting student collaboration and engagement through online project-based learning**

Lavonen, J. & Salmela-Aro, K., 2021, *Learning to Build Back Better Futures for Education: Lessons from educational innovation during the covid-19 pandemic*. Reimers, F. M. & Operetti, R. (eds.). Geneva: Unesco, Global Education Innovation Initiative, p. 164-172 9 p.

**The development of study and work engagement in young adulthood**

Upadyaya, K., Symonds, J. E. & Salmela-Aro, K., 2021, *Young adult development at the school-to-work transition: International pathways and processes*. Marshall, E. A. & Symonds, J. E. (eds.). New York: Oxford University Press, p. 3-19 17 p. (Emerging adulthood series).

**The Economic Stress Model in Emerging Adulthood: The Role of Social Relationships and Financial Capability**

Ranta, M., Punamäki, R.-L., Chow, A. & Salmela-Aro, K., Dec 2020, In: *Emerging adulthood*. 8, 6, p. 496-508 13 p., 2167696819893574.

**Introversion and Social Engagement: Scale Validation, Their Interaction, and Positive Association with Self-Esteem**

Tuovinen, S., Tang, X. & Salmela-Aro, K., 30 Nov 2020, In: *Frontiers in Psychology*. 11, 11 p., 590748.

**School engagement and school burnout profiles during high school - The role of socio-emotional skills**

Salmela-Aro, K. & Upadaya, K., 1 Nov 2020, In: *European Journal of Developmental Psychology*. 17, 6, p. 943-964 22 p.

**The dark side of sustainability orientation for SME performance**

Kautonen, T., Schillebeeckx, S. J. D., Gartner, J., Hakala, H., Salmela-Aro, K. & Snellman, K., Nov 2020, In: *Journal of business venturing insights*. 14, 7 p., e00198.

**Social Media Use and Depressive Symptoms—A Longitudinal Study from Early to Late Adolescence**

Puukko, K., Hietajärvi, L., Maksniemi, E., Alho, K. & Salmela-Aro, K., 12 Aug 2020, In: *International Journal of Environmental Research and Public Health*. 17, 16, 18 p., 5921.

**The Role of Motivation and Academic Wellbeing: the Transition from Secondary to Further Education in STEM in Finland**

Salmela-Aro, K., Aug 2020, In: *European Review*. 28, p. S121-S134 14 p., 1062798720000952.

**Social demands and resources predict job burnout and engagement profiles among Finnish employees**

Upadaya, K. & Salmela-Aro, K., 3 Jul 2020, In: *Anxiety, Stress and Coping*. 33, 4, p. 403-415 13 p.

**Students trait emotional intelligence and perceived teacher emotional support in preventing burnout: the moderating role of academic anxiety**

Romano, L., Tang, X., Hietajärvi, L., Salmela-Aro, K. & Fiorilli, C., 2 Jul 2020, In: *International Journal of Environmental Research and Public Health*. 17, 13, 15 p., 4771.

**High school students' situational engagement associated with scientific practices in designed science learning situations**

Inkinen, J., Klager, C., Juuti, K., Schneider, B., Salmela-Aro, K., Krajcik, J. & Lavonen, J., Jul 2020, In: *Science Education*. 104, 4, p. 667-692 26 p.

**Sport burnout inventory-Dual career form for student-athletes: Assessing validity and reliability in a Finnish sample of adolescent athletes**

Sorkkila, M., Ryba, T. V., Aunola, K., Selanne, H. & Salmela-Aro, K., Jul 2020, In: *Journal of Sport and Health Science*. 9, 4, p. 358-366 9 p.

**Measuring broad self-regulatory skills in multi-locational knowledge work**

Sjöblom, K., Hietajärvi, L. & Salmela-Aro, K., 19 Jun 2020, In: *EWOP in Practice. European Work and Organisational Psychology in Practice*. 2020, 13, p. 16-41 26 p.

**Associations between Adolescents' Interpersonal Relationships, School Well-being, and Academic Achievement during Educational Transitions**

Kiuru, N., Wang, M.-T., Salmela-Aro, K., Kannas, L., Ahonen, T. & Hirvonen, R., May 2020, In: *Journal of Youth and Adolescence*. 49, 5, p. 1057-1072 16 p.

**Lukiolaisten hyvinvointi vaatii toimenpiteitä**

Salmela-Aro, K. & Hietajärvi, L., 17 Apr 2020, *Lukiolaisharvot 2019*. Helsinki: Opiskelun ja koulutuksen tutkimussäätiö Otus, p. 1-19 19 p.

**Academic Well-Being and Structural Characteristics of Peer Networks in School**

Rimpela, A., Kinnunen, J. M., Lindfors, P., Soto, V. E., Salmela-Aro, K., Perelman, J., Federico, B. & Lorant, V., Apr 2020, In: *International Journal of Environmental Research and Public Health*. 17, 8, 14 p., 2848.

**Curiosity and Interest in the Moment: Their Networks and Demarcations**

Tang, X., Lavonen, J. & Salmela-Aro, K., Apr 2020.

### **High School Students' Optimal Learning Moments: A Network Analysis Approach**

Tang, X., Lavonen, J., Schneider, B., Krajcik, J. & Salmela-Aro, K., Apr 2020.

### **Motivation across a transition: Changes in achievement goal orientations and academic well-being from elementary to secondary school**

Tuominen, H., Niemivirta, M., Lonka, K. & Salmela-Aro, K., Apr 2020, In: Learning and Individual Differences. 79, 15 p., 101854.

### **Are Schools Alienating Digitally Engaged Students? Longitudinal Relations between Digital Engagement and School Engagement**

Hietajärvi, L., Lonka, K., Hakkarainen, K., Alho, K. & Salmela-Aro, K., 20 Feb 2020, In: Frontline Learning Research. 8, 1, p. 33 - 55 23 p.

### **Learning profiles and their relation to study-related burnout and academic achievement among university students**

Asikainen, H., Salmela-Aro, K., Parpala, A. & Katajavuori, N., Feb 2020, In: Learning and Individual Differences. 78, 7 p., 101781.

### **Learning Science: The Value of Crafting Engagement in Science Environments**

Schneider, B., Krajcik, J., Lavonen, J. & Salmela-Aro, K., 2020, New Haven: Yale University Press. 182 p.

### **Nuorten aikuisten persoonallisen ja sosiaalisen identiteetin yhteys psyykkiseen hyvinvointiin ja nuoruuden uravalmistautuneisuuteen**

Mannerström, R. & Salmela-Aro, K., 2020, In: Psykologia. 55, 4, p. 262-276 15 p.

### **Peer selection and influence**

Li, S., Kiuru, N., Palonen, T., Salmela-Aro, K. & Hakkarainen, K., 2020, In: Frontline Learning Research. 8, 4, p. 1-17

### **Suomalaisten rehtorien ja opettajien työhyvinvointiprofiilit koronakeväänä**

Salmela-Aro, K., Upadyaya, K. & Hietajärvi, L., 2020, In: Psykologia. 55, 6, p. 426–443 18 p.

### **Suomalaisten rehtorien työhyvinvointiprofiilit, voimavarat ja vaatimukset**

Upadyaya, K., Salonen, R., Ikonen, A., Huotilainen, M. & Salmela-Aro, K., 2020, In: Psykologia. 55, 2-3, p. 179–194 16 p.

### **Developing a reflection tool for self- and co-evaluation of socio-epistemic practices in collaboration**

Lakkala, M., Toom, A., Kallunki, V., Salmela-Aro, K. & Männistö, T., Nov 2019, p. 179-180. 2 p.

### **Associations Between Identity Processes and Success in Developmental tasks during the Transition from Emerging to Young Adulthood**

Mannerström, R. H., Muotka, J. & Salmela-Aro, K., 21 Oct 2019, In: Journal of youth studies. 22, 9, p. 1289-1307 19 p.

### **Work Burnout and Engagement Profiles Among Teachers**

Salmela-Aro, K., Hietajärvi, L. & Lonka, K., 4 Oct 2019, In: Frontiers in Psychology. 10, 8 p., 2254.

### **Safety self-efficacy and internal locus of control as mediators of safety motivation - Randomized controlled trial (RCT) study**

Nykanen, M., Salmela-Aro, K., Tolvanen, A. & Vuori, J., Aug 2019, In: Safety Science. 117, p. 330-338 9 p.

### **The Relations of Science Task Values, Self-Concept of Ability, and STEM Aspirations among Finnish Students from First to Second Grade**

Vinni-Laakso, J., Guo, J., Juuti, K., Loukomies, A., Lavonen, J. & Salmela-Aro, K., 2 Jul 2019, In: Frontiers in Psychology. 10, 15 p., 1449.

**The Development of Motivation and Amotivation to Study and Work across Age-Graded Transitions in Adolescence and Young Adulthood**

Symonds, J., Schoon, I., Eccles, J. & Salmela-Aro, K., Jun 2019, In: Journal of Youth and Adolescence. 48, 6, p. 1131-1145 15 p.

**Building Grit: The Longitudinal Pathways between Mindset, Commitment, Grit, and Academic Outcomes**

Tang, X., Wang, M.-T., Guo, J. & Salmela-Aro, K., May 2019, In: Journal of Youth and Adolescence. 48, 5, p. 850–863 14 p.

**Beyond Screen Time: Multidimensionality of Socio-Digital Participation and Relations to Academic Well-Being in Three Educational Phases**

Hietajärvi, L., Salmela-Aro, K., Tuominen, H., Hakkarainen, K. & Lonka, K., Apr 2019, In: Computers in Human Behavior. 93, p. 13-24 12 p.

**Työkaluja ja menetelmiä globaalien kompetenssien oppimisen tukemiseen**

Lakkala, M., Salmela-Aro, K., Kallunki, V., Männistö, T., Pulkkinen, S.-A., Fagerholm, F., Dexter, P., Harjula, V.-M., Tervaniemi, M. & Toom, A., Mar 2019.

**The role of study engagement in university students' daily experiences: A multilevel test of moderation**

Ketonen, E. E., Malmberg, L.-E., Salmela-Aro, K., Muukkonen, H., Tuominen, H. & Lonka, K., Jan 2019, In: Learning and Individual Differences. 69, p. 196-205 10 p.

**Change in First Graders' Science-Related Competence Beliefs During Digitally Intensive Science Workshops**

Loukomies, A., Juuti, K., Lavonen, J. & Salmela-Aro, K., 2019, *Bridging Research and Practice in Science Education: Selected Papers from the ESERA 2017 Conference*. McLoughlin, E., Finlayson, O. E., Erduran, S. & Childs, P. E. (eds.). Cham: Springer, p. 285-299 14 p. (Contributions from Science Education Research; no. 6).

**It takes two hands to clap: Combining grit and educational-goal commitment to predict achievement**

Tang, X., Guo, J., Wigfield, A. & Salmela-Aro, J. K., 2019, (Accepted/In press).

**Science classroom activities and student situational engagement**

Inkinen, J., Klager, C., Schneider, B., Juuti, K., Krajcik, J., Lavonen, J. & Salmela-Aro, K., 2019, In: International Journal of Science Education. 41, 3, p. 316-329 14 p.

**Testing the Gap Hypothesis: Longitudinal Relations between Digital Engagement and School Engagement**

Hietajärvi, L., Lonka, K., Hakkarainen, K., Alho, K. & Salmela-Aro, K., 2019.

**Friends, academic achievement, and school engagement during adolescence: A social network approach to peer influence and selection effects**

Wang, M.-T., Kiuru, N., Degol, J. L. & Salmela-Aro, K., Dec 2018, In: Learning and Instruction. 58, p. 148-160 13 p.

**Subjective financial situation and financial capability of young adults in Finland**

Ranta, M. & Salmela-Aro, K., Nov 2018, In: International Journal of Behavioral Development. 42, 6, p. 525-534 10 p.

**Joint trajectories of task value in multiple subject domains: From both variable- and pattern-centered perspectives**

Guo, J., Wang, M.-T., Ketonen, E. E., Eccles, J. S. & Salmela-Aro, K., 9 Oct 2018, In: Contemporary Educational Psychology. 55, p. 139-154 16 p.

**European Psychologist, Volume 23, Issue 4, January 2018: Special issue: The Multifaceted Nature of Identity: Toward Integrative Perspectives on Processes, Pathways, and Contexts**

Crocetti, E. & Salmela-Aro, K. (Editor), Oct 2018, Göttingen: Hogrefe. 80 p. (European Psychologist; vol. 23, no. 4)

**Intentional Engagement in the Transition to Adulthood: An Integrative Perspective on Identity, Career, and Goal Developmental Regulation**

Marttinen, E., Dietrich, J. & Salmela-Aro, K., Oct 2018, In: European Psychologist. 23, 4, p. 311-323 13 p.

**Role of demands-resources in work engagement and burnout in different career stages**

Salmela-Aro, K. & Upadaya, K., Oct 2018, In: Journal of Vocational Behavior. 108, p. 190-200 11 p.

**The Multifaceted Nature of Identity Toward Integrative Perspectives on Processes, Pathways, and Contexts**

Crocetti, E. & Salmela-Aro, K., Oct 2018, In: European Psychologist. 23, 4, p. 273-277 5 p.

**The role of a supportive interpersonal environment and education-related goal motivation during the transition beyond upper secondary education**

Vasalampi, K., Kiuru, N. & Salmela-Aro, K., Oct 2018, In: Contemporary Educational Psychology. 55, p. 110-119 10 p.

**Development of Friendship and Task Values in a New School: Friend Selection for the Arts and Physical Education but Socialization for Academic Subjects**

Chow, A., Kiuru, N., Parker, P. D., Eccles, J. S. & Salmela-Aro, K., Sept 2018, In: Journal of Youth and Adolescence. 47, 9, p. 1966-1977 12 p.

**Neural activity patterns between different executive tasks are more similar in adulthood than in adolescence**

Moisala, M., Salmela, V., Carlson, S., Salmela-Aro, K., Lonka, K., Hakkarainen, K. & Alho, K., Sept 2018, In: Brain and Behavior. 8, 9, 16 p., 01063.

**Gendered Pathways Towards STEM Careers: The Incremental Roles of Work Value Profiles Above Academic Task Values**

Guo, J., Eccles, J. S., Sortheix, F. M. & Salmela-Aro, K., 2 Jul 2018, In: Frontiers in Psychology. 9, 15 p., 1111.

**The co-developmental dynamic of sport and school burnout among student-athletes: The role of achievement goals**

Sorkkila, M., Aunola, K., Salmela-Aro, K., Tolvanen, A. & Ryba, T. V., Jun 2018, In: Scandinavian Journal of Medicine & Science in Sports. 28, 6, p. 1731-1742 12 p.

**Immigrant status, gender, and school burnout in Finnish lower secondary school students: A longitudinal study**

Salmela-Aro, K., Read, S., Minkkinen, J., Kinnunen, J. & Rimpelä, A., Mar 2018, In: International Journal of Behavioral Development. 42, 2, p. 225-236 12 p.

**Partners of nulliparous women with severe fear of childbirth: A longitudinal study of psychological well-being**

Ryding, E. L., Read, S., Rouhe, H., Halmesmäki, E., Salmela-Aro, K., Toivanen, R., Tokola, M. & Saisto, T., Mar 2018, In: Birth. 45, 1, p. 88-93 6 p.

**Subjective Financial Situation and Financial Capability of Young Adults in Finland**

Ranta, M. & Salmela-Aro, K., Mar 2018, European Association for Research on Adolescence.

**The role of daily autonomous and controlled educational goals in students' academic emotion states: An experience sampling method approach**

Ketonen, E. E., Dietrich, J., Moeller, J., Salmela-Aro, K. & Lonka, K., Feb 2018, In: Learning and Instruction. 53, p. 10-20 11 p.

**Challenges and Resources for Immigrant Youth Positive Adaptation**

Motti-Stefanidi, F. & Salmela-Aro, K., Jan 2018, In: European Psychologist. 23, 1, p. 1-5 5 p.

**Changes in emotions and personal goals in primiparous pregnant women during group intervention for fear of childbirth**

Airo (Toivanen), R., Korja, R., Saisto, T., Rouhe, H., Muotka, J. & Salmela-Aro, K., 2018, In: Journal of Reproductive and Infant Psychology. 36, 4, p. 363-380 18 p.



**Does grit contribute to academic wellbeing? Grit, goal orientations, and their interactions associated with academic wellbeing**

Tang, X., Guo, J. & Salmela-Aro, K., 2018, (Accepted/In press).

**European Psychologist, Volume 23, Issue 1, January 2018: Special issue: Youth and Migration: What promotes and what challenges their integration?**

Motti-Stefanidi, F. (Editor) & Salmela-Aro, K. (Editor), 2018, Göttingen: Hogrefe. 104 p. (European Psychologist; vol. 23, no. 1)

**Identity profiles and digital engagement among Finnish high school students**

Mannerstrom, R., Hietajarvi, L., Muotka, J. & Salmela-Aro, K., 2018, In: *Cyberpsychology: Journal of Psychosocial Research on Cyberspace*. 12, 1, 15 p., 2.

**Peer networks in the school-to-work transition**

Ruschoff, B., Salmela-Aro, K., Kowalewski, T., Dijkstra, J. K. & Veenstra, R., 2018, In: *Career Development International*. 23, 5, p. 466-477 12 p.

**Sosiodigitaalisen osallistumisen, unenlaadun ja kouluhyvinvoinnin väliset yhteydet kuudesluokkalaisilla**

Maksniemi, E., Hietajärvi, L., Lonka, K., Martinen, E. & Salmela-Aro, K., 2018, In: *Psykologia*. 53, 2-3, p. 180-200 22 p.

**Tavoiteorientaatiot, koulutustavoitteet ja koulumenestys kuudennella luokalla**

Varonen, A., Tuominen, H., Hietajärvi, L., Salmela-Aro, K., Hakkarainen, K. & Lonka, K., 2018, In: *Psykologia*. 53, 2-3, p. 131-151 21 p.

**The conceptualization and measurement of student engagement in science: A cross-cultural examination from Finland and the United States**

Spicer, J., Schneider, B., Salmela-Aro, K. & Moeller, J., 2018, *Global Perspectives on Education Research*. Hill, L. D. & Levine, F. J. (eds.). Taylor and Francis Inc., p. 227-248

**The longitudinal pathway from growth mindset and goal commitment to academic outcomes: the mediation role of grit**

Tang, X., Wang, M.-T., Guo, J. & Salmela-Aro, K., 2018, (Accepted/In press).

**Unpacking the link between family socioeconomic status and civic engagement during the transition to adulthood: Do work values play a role?**

Lechner, C. M., Pavlova, M. K., Sorthaix, F. M., Silbereisen, R. K. & Salmela-Aro, K., 2018, In: *Applied developmental science*. 22, 4, p. 270-283 14 p.

**What Drives Future Business Leaders? How Work Values and Gender Shape Young Adults' Entrepreneurial and Leadership Aspirations**

Lechner, C., Sorthaix, F. M., Obschonka, M. & Salmela-Aro, K., 2018, In: *Journal of Vocational Behavior*. 107, p. 57-70 14 p.

**Young People and Climate Change: The Role of Developmental Science**

Sanson, A. V., Wachs, T. D., Koller, S. H. & Salmela-Aro, K., 2018, *Developmental Science and Sustainable Development Goals for Children and Youth*. Verma, S. & Petersen, A. C. (eds.). Cham: Springer, p. 115-137 23 p. (Social Indicators Research Series; vol. vol. 74).

**Young people's motivational profiles and relations to well-being and educational aspirations: A person-oriented approach**

Tuominen, H., Viljaranta, J. & Salmela-Aro, K., 4 Oct 2017, *Pathways to Adulthood: Educational opportunities, motivation and attainment in times of social change*. Schoon, I. & Silbereisen, R. K. (eds.). London: UCL IoE Press, p. 154-172 19 p.

**The Link Between Perceived Maternal and Paternal Autonomy Support and Adolescent Well-Being Across Three Major Educational Transitions**

Duineveld, J. J., Parker, P. D., Ciarrochi, J., Ryan, R. M. & Salmela-Aro, K., Oct 2017, In: *Developmental Psychology*. 53, 10, p. 1978-1994 17 p.

**Depression and Violence in Adolescence and Young Adults: Findings From Three Longitudinal Cohorts**

Yu, R., Aaltonen, M., Branje, S., Ristikari, T., Meeus, W., Salmela-Aro, K., Goodwin, G. M. & Fazel, S., Aug 2017, In: Journal of the American Academy of Child and Adolescent Psychiatry. 56, 8, p. 652-658 7 p.

**The development of work values during the transition to adulthood: A two-country study**

Lechner, C. M., Sortheix, F. M., Göllner, R. & Salmela-Aro, K., 1 Apr 2017, In: Journal of Vocational Behavior. 99, p. 52-65 14 p.

**Adolescents' preparedness and motivation across the transition to post-comprehensive education**

Lazarides, R., Viljaranta, J., Ranta, M. & Salmela-Aro, K., Apr 2017, In: Contemporary Educational Psychology. 49, p. 151-159 9 p.

**The Dark Side of Internet Use: Two Longitudinal Studies of Excessive Internet Use, Depressive Symptoms, School Burnout and Engagement Among Finnish Early and Late Adolescents**

Salmela-Aro, K., Upadyaya, K., Hakkarainen, K., Lonka, K. & Alho, K., Feb 2017, In: Journal of Youth and Adolescence. 46, 2, p. 343-357 15 p.

**Gaming is related to enhanced working memory performance and task-related cortical activity**

Moisala, M., Salmela, V., Hietajärvi, L., Carlson, S., Vuontela, V., Lonka, K., Hakkarainen, K., Salmela-Aro, K. & Alho, K., 15 Jan 2017, In: Brain Research. 1655, p. 204-215 12 p.

**Developmental dynamics between young adults' life satisfaction and engagement with studies and work**

Upadyaya, K. & Salmela-Aro, K., Jan 2017, In: Longitudinal and Life Course Studies. 8, 1, p. 20-34 15 p.

**Adolescents' social networks: Exploring Different Patterns of Socio-Digital Participation**

Li, S., Hietajärvi, L., Palonen, T., Salmela-Aro, K. & Hakkarainen, K., 2017, In: Scandinavian Journal of Educational Research. 61, 3, p. 255-274 20 p.

**Are we alienating our digitally competent students? Consequences for academic well-being.**

Hietajärvi, L., Salmela-Aro, K., Hakkarainen, K. & Lonka, K., 2017.

**Co-Development of Educational Aspirations and Academic Burnout from Adolescence to Adulthood in Finland**

Salmela-Aro, K. & Upadyaya, K., 2017, In: Research in human development. 14, 2, p. 106-121 16 p.

**Dark and bright sides of thriving - school burnout and engagement in the Finnish context**

Salmela-Aro, K., 2017, In: European Journal of Developmental Psychology. 14, 3, p. 337-349 13 p.

**Entrepreneurship as a twenty-first century skill: entrepreneurial alertness and intention in the transition to adulthood**

Obschonka, M., Hakkarainen, K., Lonka, K. & Salmela-Aro, K., 2017, In: Small Business Economics. 48, 4, p. 487-501 15 p.

**Maahanmuuttajien kouluhyvinvointi**

Salmela-Aro, K., 2017, *Oppimisen tulevaisuus*. Savolainen, H., Viikko, R. & Vähäkylä, L. (eds.). Helsinki: Gaudeamus, p. 93-105 23 p. (Tutkitusti).

**School burnout, depressive symptoms and engagement: Their combined effect on student achievement**

Fiorilli, C., De Stasio, S., Di Chiacchio, C., Pepe, A. & Salmela-Aro, K., 2017, In: International Journal of Educational Research. 84, p. 1-12 12 p.

**Special Issue: Co-Development of Student Agency Components and Its Impact on Educational Attainment PREFACE**

Buchmann, M., Salmela-Aro, K., Schneider, B. & Schoon, I., 2017, In: Research in human development. 14, 2, p. 95-95 1 p.

**Study engagement and burnout profiles among Finnish higher education students**

Salmela-Aro, K. & Read, S., 2017, In: *Burnout Research*. 7, p. 21 - 28 8 p.

**The influence of an international professional development project for the design of engaging secondary science teaching in Finland**

Lavonen, J., Inkinen, J., Juuti, K., Salmela-Aro, K., Krajcik, J. & Schneider, B., 2017, *Book of Long Papers: 25th Annual Meeting of the Southern African Association of Researchers in Mathematics Science & Technology Education (SAARMSTE)*. Mhlolo, M. K., Matoti, S. N. & Fredericks, B. (eds.). Johannesburg: SAARMSTE, p. 206-220 15 p.

**Developmental trajectories of emotional disengagement from schoolwork and their longitudinal associations in England**

Symonds, J., Schoon, I. & Salmela-Aro, K., Dec 2016, In: *British Educational Research Journal*. 42, 6, p. 993-1022 30 p.

**School burnout and engagement profiles among digital natives in Finland: a person-oriented approach**

Salmela-Aro, K., Muotka, J., Alho, K., Hakkarainen, K. & Lonka, K., 4 Nov 2016, In: *European Journal of Developmental Psychology*. 13, 6, p. 704-718 15 p.

**Warm and Supportive Parenting Can Discourage Offspring's Civic Engagement in the Transition to Adulthood**

Pavlova, M. K., Silbereisen, R. K., Ranta, M. & Salmela-Aro, K., Nov 2016, In: *Journal of Youth and Adolescence*. 45, 11, p. 2197-2217 21 p.

**How Do Young Adults Orchestrate Their Multiple Achievement-Related Goals? Associations of Achievement Goal Orientations With Identity Formation and Goal Appraisals**

Flunger, B., Marttinen, E., Tuominen-Soini, H. & Salmela-Aro, K., 31 Oct 2016, In: *Research in human development*. 13, 4, p. 342-362 21 p.

**Media multitasking is associated with distractibility and increased prefrontal activity in adolescents and young adults**

Moisala, M., Salmela, V., Hietajarvi, L., Salo, E., Carlson, S., Salonen, O., Lonka, K., Hakkarainen, K., Salmela-Aro, K. & Alho, K., 1 Jul 2016, In: *NeuroImage*. 134, p. 113-121 9 p.

**Academic well-being and smoking among 14-to 17-year-old schoolchildren in six European cities**

Kinnunen, J. M., Lindfors, P., Rimpela, A., Salmela-Aro, K., Rathmann, K., Perelman, J., Federico, B., Richter, M., Kunst, A. E. & Lorant, V., Jul 2016, In: *Journal of Adolescence*. 50, p. 56-64 9 p.

**Integrating the light and dark sides of student engagement using person-oriented and situation-specific approaches**

Salmela-Aro, K., Moeller, J., Schneider, B., Spicer, J. & Lavonen, J., Jun 2016, In: *Learning and Instruction*. 43, p. 61-70 10 p.

**Mental Health Improves After Transition From Comprehensive School to Vocational Education or Employment in England: A National Cohort Study**

Symonds, J., Dietrich, J., Chow, A. & Salmela-Aro, K., Apr 2016, In: *Developmental Psychology*. 52, 4, p. 652-665 14 p.

**Dark shadows of rumination: Finnish young adults' identity profiles, personal goals and concerns**

Marttinen, E., Dietrich, J. & Salmela-Aro, K., Feb 2016, In: *Journal of Adolescence*. 47, p. 185-196 12 p.

**Emerging Adulthood in Finland**

Salmela-Aro, K., Sortheix, F. M. & Ranta, M., 2016, *Emerging Adulthood in a European Context*. Žukauskienė, R. (ed.). Abingdon, Oxon; New York, NY: Psychology Press, p. 138-153 16 p. 8

**From job demands and resources to work engagement, burnout, life satisfaction, depressive symptoms, and occupational health**

Upadaya, K., Vartiainen, M. & Salmela-Aro, K., 2016, In: *Burnout Research*. 3, 4, p. 101 - 108 8 p.

### **Investigating Optimal Learning Moments in U.S. and Finnish Science Classes**

Schneider, B., Krajcik, J., Lavonen, J., Salmela-Aro, K., Broda, M., Spicer, J., Bruner, J., Moeller, J., Linnansaari, J., Juuti, K. & Viljaranta, J., 2016, In: *Journal of Research in Science Teaching*. 53, 3, p. 400-421 22 p.

### **Mind the Gap: Between Digital Natives and Educational Practice**

Ranta, M., Lonka, K., Salmela-Aro, K. & Mind the Gap Research Group, 2016, *XX International Scientific Conference "Psychology of the XXI Century: Russian Psychology in the Context of the International Science": 19th to 21st April 2016, Saint Petersburg, Russian Federation*. Petersburg: Saint-Petersburg State University, p. 28-29 2 p. (Psihologiä XXI veka).

### **Sixth graders' use of technologies in learning, technology attitudes and school well-being**

Halonen, N., Hietajärvi, L., Lonka, K. & Salmela-Aro, K., 2016, In: *The European Journal of Social & Behavioural Sciences*. XVIII, 1, p. 2307-2324 18 p., 205.

### **Development of early vocational behavior: Parallel associations between career engagement and satisfaction**

Upadaya, K. & Salmela-Aro, K., Oct 2015, In: *Journal of Vocational Behavior*. 90, p. 66-74 9 p.

### **Work values and the transition to work life: A longitudinal study**

Sortheix, F. M., Chow, A. & Salmela-Aro, K., Aug 2015, In: *Journal of Vocational Behavior*. 89, p. 162-171 10 p.

### **Motivonaalisia polkuja matematiikan suoritukseen**

Tuominen-Soini, H., Salmela-Aro, K. & Niemivirta, M., 12 May 2015, *Millä eväillä uuteen nousuun?: PISA 2012 - tutkimustuloksia*. Välijärvi, J. & Kupari, P. (eds.). Helsinki: Opetus- ja kulttuuriministeriö, p. 164-177 14 p. (Opetus- ja kulttuuriministeriön julkaisuja; no. 2015:6).

### **Life satisfaction, general well-being and costs of treatment for severe fear of childbirth in nulliparous women by psychoeducative group or conventional care attendance**

Rouhe, H., Salmela-Aro, K., Toivanen, R., Tokola, M., Halmesmaki, E. & Saisto, T., May 2015, In: *Acta Obstetrica et Gynecologica Scandinavica*. 94, 5, p. 527-533 7 p.

### **Report for EU Parliament 2015: Innovative Schools: Teaching & Learning in the Digital Era: Workshop Documentation**

Lonka, K., Hietajärvi, L., Moisala, M., Tuominen-Soini, H., Vaara, L. J., Hakkarainen, K., Salmela-Aro, K., Cho, V. & Steiner, A., May 2015, European Union. 73 p.

### **The trajectories of student emotional engagement and school burnout with academic and psychological development: Findings from Finnish adolescents**

Wang, M.-T., Chow, A., Hofkens, T. & Salmela-Aro, K., Apr 2015, In: *Learning and Instruction*. 36, p. 57-65 9 p.

### **Group psychoeducation with relaxation for severe fear of childbirth improves maternal adjustment and childbirth experience - a randomised controlled trial**

Rouhe, H., Salmela-Aro, K., Toivanen, R., Tokola, M., Halmesmaki, E., Ryding, E.-L. & Saisto, T., Mar 2015, In: *Journal of Psychosomatic Obstetrics and Gynecology*. 36, 1, p. 1-9 9 p.

### **Sociodigital Revolution: Digital Natives vs Digital Immigrants**

Hakkarainen, K., Hietajärvi, L., Alho, K., Lonka, K. & Salmela-Aro, K., 17 Feb 2015, *International Encyclopedia of the Social & Behavioral Sciences*. Wright, J. D. (ed.). Second edition ed. Amsterdam: Elsevier Scientific Publ. Co, Vol. Volume 22. p. 918-923 6 p.

### **Personality Trait Changes Among Young Finns: The Role of Life Events and Transitions**

Leikas, S. & Salmela-Aro, K., Feb 2015, In: *Journal of Personality*. 83, 1, p. 117-126 10 p.

### **Cross-lagged associations between study and work engagement dimensions during young adulthood**

Upadaya, K. & Salmela-Aro, K., 2015, In: *Journal of Knowledge Management*. 10, 4, p. 346-358 13 p.

### **Does anxiety in science classrooms impair math and science motivation? - Gender differences beyond the mean level**

Moeller, J., Salmela-Aro, K., Lavonen, J. & Schneider, B., 2015, In: *International Journal of Gender, Science and Technology*. 7, 2, p. 229-254 26 p.

### **Finnish Students' Engagement in Science Lessons**

Linnansaari, J., Viljaranta, J., Lavonen, J., Schneider, B. & Salmela-Aro, K., 2015, In: *NorDina : Nordisk tidsskrift i naturfagdidaktikk*. 11, 2, p. 192 - 206 15 p.

### **High school students' socio-digital participation profiles: Differences in motivation and well-being**

Hietajärvi, L., Tuominen, H., Hakkarainen, K., Salmela-Aro, K. & Lonka, K., 2015.

### **Is Student Motivation Related to Socio-digital Participation? A Person-oriented Approach**

Hietajärvi, L., Tuominen-Soini, H., Hakkarainen, K., Salmela-Aro, K. & Lonka, K., 2015, In: *Procedia : Social and Behavioral Sciences*. 171, p. 1156-1167 12 p.

### **I Wish I Had (Not) Taken a Gap-Year? The Psychological and Attainment Outcomes of Different Post-School Pathways**

Parker, P. D., Thoemmes, F., Duineveld, J. J. & Salmela-Aro, K., 2015, In: *Developmental Psychology*. 51, 3, p. 323-333 11 p.

### **Passion and Motivation**

Moeller, J., Eccles, J. S., Salmela-Aro, K., Dietrich, J., Schneider, B. & Grassinger, R., 2015, *International Encyclopedia of Social and Behavioral Sciences*. Wright, J. D. (ed.). Second edition ed. Amsterdam: Elsevier Scientific Publ. Co, Vol. Volume 17. p. 570-576 7 p.

### **Toward a New Science of Academic Engagement**

Salmela-Aro, K., 2015, In: *Research in human development*. 12, 3-4, p. 304-311 8 p.

### **Developmental trajectories of school burnout: Evidence from two longitudinal studies**

Salmela-Aro, K. & Upadaya, K., Dec 2014, In: *Learning and Individual Differences*. 36, p. 60-68 9 p.

### **Kuudesluokkalaisten nuorten sosiodigitaalinen osallistuminen, kiinnostuksen kohteet ja kouluhyvinvointi**

Hietajärvi, L., Nuorteva, M., Tuominen-Soini, H., Hakkarainen, K., Salmela-Aro, K. & Lonka, K., Dec 2014, In: *Kasvatus*. 45, 5, p. 429-443 15 p.

### **Self-other agreement of personality judgments in job interviews: Exploring the effects of trait, gender, age and social desirability**

Nederström, M. & Salmela-Aro, K., Oct 2014, In: *Scandinavian Journal of Psychology*. 55, 5, p. 520-526 7 p.

### **Personality types during transition to young adulthood: How are they related to life situation and well-being?**

Leikas, S. & Salmela-Aro, K., Jul 2014, In: *Journal of Adolescence*. 37, 5, p. 753-762 10 p.

### **Depressive symptoms and career-related goal appraisals: Genetic and Environmental correlations and interactions**

Salmela-Aro, K., Read, S., Vuoksima, E., Korhonen, T., Dick, D. M., Kaprio, J. & Rose, R. J., 16 Jun 2014, In: *Twin Research and Human Genetics*. 17, 4, p. 236-243 8 p.

### **Career goal-related success expectations across two educational transitions: A seven-year longitudinal study**

Tynkkynen, L., Dietrich, J. & Salmela-Aro, K., 4 May 2014, In: *European Journal of Developmental Psychology*. 11, 3, p. 356-372 17 p.

### **Antecedents and Consequences of Transitional Pathways to Adulthood Among University Students: 18-Year Longitudinal Study**

Salmela-Aro, K., Kiuru, N., Nurmi, J.-E. & Eerola, M., Mar 2014, In: *Journal of Adult Development*. 21, 1, p. 48-58 11 p.

### **Maternal Affection Moderates Friend Influence on Schoolwork Engagement**

Marion, D., Laursen, B., Kiuru, N., Nurmi, J.-E. & Salmela-Aro, K., Mar 2014, In: *Developmental Psychology*. 50, 3, p. 766-771 6 p.

**Schoolwork Engagement and Burnout Among Finnish High School Students and Young Adults: Profiles, Progressions, and Educational Outcomes**

Tuominen-Soini, H. & Salmela-Aro, K., Mar 2014, In: *Developmental Psychology*. 50, 3, p. 649-662 14 p.

**Does priority matter? Gendered patterns of subjective task values across school subject domains**

Chow, A. & Salmela-Aro, K., 2014, *Gender differences in aspirations and attainment: A life course perspective*. Schoon, I. & Eccles, J. S. (eds.). Cambridge, UK: Cambridge University Press, p. 247-265 19 p.

**Gendered happiness gap? Adolescents' academic wellbeing pathways**

Salmela-Aro, K., 2014, *Gender differences in aspirations and attainment: A life course perspective*. Schoon, I. & Eccles, J. S. (eds.). Cambridge, UK: Cambridge University Press, p. 146-160 15 p.

**Linking student motivation and well-being: Achievement goal orientation profiles and socio-emotional outcomes**

Tuominen-Soini, H. & Salmela-Aro, K., 2014, In: *Pathfinder: The Pathways to Adulthood Newsletter*. 2014, 7, p. 4-6 3 p.

**Pathways to educational attainment in middle adulthood: the role of gender and parental educational expectations in adolescence**

Bask, M., Ferrer-Wreder, L., Salmela-Aro, K. & Bergman, L. R., 2014, *Gender differences in aspirations and attainment: A life course perspective*. Schoon, I. & Eccles, J. S. (eds.). Cambridge, UK: Cambridge University Press, p. 389-411 23 p.

**School burnout and engagement in the context of demands-resources model**

Salmela-Aro, K. & Upadyaya, K., 2014, In: *British Journal of Educational Psychology*. 84, 1, p. 137-151 15 p.

**The Interface between Core Affects and the Challenge-Skill Relationship**

Inkinen, M., Lonka, K., Hakkarainen, K., Muukkonen, H., Litmanen, T. & Salmela-Aro, K., 2014, In: *Journal of Happiness Studies*. 15, 4, p. 891-913 23 p.

**Reducing teacher burnout: A socio-contextual approach**

Pietarinen, J., Pyhältö, K., Soini, T. & Salmela-Aro, K., Oct 2013, In: *Teaching and Teacher Education*. 35, p. 62-72 11 p.

**Selecting and Retaining Friends on the Basis of Cigarette Smoking Similarity**

DeLay, D., Laursen, B., Kiuru, N., Salmela-Aro, K. & Nurmi, J.-E., Sept 2013, In: *Journal of Research on Adolescence*. 23, 3, p. 464-473 10 p.

**Obstetric outcome after intervention for severe fear of childbirth in nulliparous women - randomised trial**

Rouhe, H., Salmela-Aro, K., Toivanen, R., Tokola, M., Halmesmäki, E. & Saisto, T., Jan 2013, In: *BJOG : An International Journal of Obstetrics & Gynaecology*. 120, 1, p. 75-84 10 p.

**Bullies, Victims, and Antipathy: The Feeling is Mutual**

Hafen, C. A., Laursen, B., Nurmi, J.-E. & Salmela-Aro, K., 2013, In: *Journal of Abnormal Child Psychology*. 41, 5, p. 801-809 9 p.

**Development of School Engagement in Association With Academic Success and Well-Being in Varying Social Contexts A Review of Empirical Research**

Upadyaya, K. & Salmela-Aro, K., 2013, In: *European Psychologist*. 18, 2, p. 136-147 12 p.

**Individual and Group Effects in a Community-Based Implementation of a Positive Parenting Program**

Byrne, S., Salmela-Aro, K., Read, S. & Rodrigo, M. J., 2013, In: *Research on Social Work Practice*. 23, 1, p. 46-56 11 p.

**Koulu-uupumuksesta innostukseen?**

Salmela-Aro, K. & Tuominen-Soini, H., 2013, *Ketä kiinnostaa?: Lasten ja nuorten hyvinvointi ja syrjäytyminen*. Reivinen, J. & Vähäkylä, L. (eds.). Helsinki: Gaudeamus Helsinki University Press, p. 242-254 13 p.

**Parental involvement and adolescents' career goal pursuit during the post-school transition**

Dietrich, J. & Salmela-Aro, K., 2013, In: *Journal of Adolescence*. 36, 1, p. 121-128 8 p.

**Special issue of European Psychologist 2013; Vol 18(2): School Success: Perspectives From Europe and Beyond**

Salmela-Aro, K. & Trautwein, U., 2013, Boston, MA: Hogrefe Publishing. 71 p. (*European Psychologist*; vol. 18, no. 2)

**The Role of Career Values for Work Engagement during the Transition to Working Life**

Sortheix, F., Dietrich, J., Chow, A. & Salmela-Aro, K., 2013, In: *Journal of Vocational Behavior*. 83, 3, p. 466-475 10 p.

**Trajectories of life satisfaction and the financial situation in the transition to adulthood**

Ranta, M., Chow, A. & Salmela-Aro, K., 2013, In: *Longitudinal and Life Course Studies*. 4, 1, p. 57 - 77 21 p.

**Validity and Reliability of the Socio-Contextual Teacher Burnout Inventory (STBI)**

Pietarinen, J., Pyhältö, K., Soini, T. & Salmela-Aro, K., 2013, In: *Psychology*. 4, 1, p. 73-82 10 p.

**Development of sense of coherence during two group interventions**

Kahonen, K., Naatanen, P., Tolvanen, A. & Salmela-Aro, K., 1 Dec 2012, In: *Scandinavian Journal of Psychology*. 53, 6, p. 523-527 5 p.

**Academic expectations and well-being from school to work during the economic downturn**

Salmela-Aro, K., 2012, In: *New Directions for Youth Development*. 2012, 135, p. 57-64 8 p.

**Achievement goal orientations and academic well-being across the transition to upper secondary education**

Tuominen-Soini, H., Salmela-Aro, K. & Niemivirta, M., 2012, In: *Learning and Individual Differences*. 22, 3, p. 290-305 16 p.

**Ajallinen pysyvyys ja sukupuolierot nuorten opiskelumotivaatiossa**

Tuominen-Soini, H., Salmela-Aro, K. & Niemivirta, M., 2012, *Samalta viivalta 6: Valtakunnallisen kasvatusalan valintayhteistyöverkoston (VAKAVA) kirjallisen kokeen aineisto 2012*. Asunmaa, T. & Vainionpää, J. (eds.). Jyväskylä: PS-kustannus, p. 113-140 28 p. (Opetus 2000).

**Best Friends in Adolescence Show Similar Educational Careers in Early Adulthood**

Kiuru, N., Salmela-Aro, K., Nurmi, J., Anderson, H. & Bergman, L., 2012, In: *Journal of Applied Developmental Psychology*. 33, 2, p. 102-111

**Burned out to drop out: Exploring the relationship between school burnout and school dropout**

Bask, M. & Salmela-Aro, K., 2012, In: *European Journal of Psychology of Education*. 18 p.

**Do work ability and job involvement channel later personal goals in retirement? An eleven-year follow-up study**

Feldt, T., Salmela-Aro, K., Hyvönen, K. & Kinnunen, U., 2012, In: *International Archives of Occupational and Environmental Health*. 85, 5, p. 547-558

**Engagement and Disengagement During Critical Transitions from School to Work**

Salmela-Aro, K., 2012, *Transitions Across Schools and Cultures*. Karabenick, S. A. & Urdan, T. C. (eds.). Emerald Group Publishing, Vol. 17. p. 79-108 30 p. (*Advances in Motivation and Achievement*; vol. 17).

**Estimation of Nonlinear Growth Component in Multilevel Modeling: A Research Application in the Daily Dynamics of Competence, Challenge and Affects**

Tolvanen, A., Kiuru, N., Hakkarainen, K., Lonka, K., Inkinen, M. & Salmela-Aro, K., 2012, (Accepted/In press) In: *International Journal of Behavioral Development*.

**Gendered pathways in school burnout among adolescents**

Salmela-Aro, K. & Tynkkynen, L., 2012, In: *Journal of Adolescence*. 35, 4, p. 929–939

**Is depression contagious? A test of alternative peer socialization mechanisms of depressive symptoms in adolescent peer networks**

Kiuru, N., Burk, W. J., Laursen, B., Nurmi, J.-E. & Salmela-Aro, K., 2012, In: *Journal of Adolescent Health*. 50, 3, p. 250–255 6 p.

**Knowing when to let go at the entrance to university: Beneficial effects of compensatory secondary control after failure**

Tomasik, M. J. & Salmela-Aro, K., 2012, In: *Motivation and Emotion*. 36, 2, p. 170–179

**Motivation, Burnout, and Engagement during, Critical Transitions from School to Work**

Salmela-Aro, K., 2012, *Transitions and transformations in learning and education*. Tynjälä, P., Stenström, M.-L. & Saarnivaara, M. (eds.). Dordrecht: Springer, p. 153-168

**Personal goal orientations and subjective well-being of adolescents**

Salmela-Aro, K. & Marttinen, E., 2012, In: *Japanese Psychological Research*. 54, 3, p. 263-273

**Personal goals and personality traits among young adults: Genetic and environmental effects**

Salmela-Aro, K., Read, S., Nurmi, J.-E., Vuoksimaa, E., Siltala, M., Dick, D. M., Pulkkinen, L., Kaprio, J. & Rose, R. J., 2012, In: *Journal of Research in Personality*. 46, 3, p. 248-257 10 p.

**Phase-adequate engagement at the post-school transition**

Dietrich, J., Parker, P. & Salmela-Aro, K., 2012, In: *Developmental Psychology*. 48, 6, p. 1575–1593

**Promoting career preparedness and intrinsic work-goal motivation: RCT Intervention**

Salmela-Aro, K., Mutanen, P. & Vuori, J., 2012, In: *Journal of Vocational Behavior*. 80, 1, p. 67–75

**Role configurations in young adulthood, antecedents, and later well-being among Finns born in 1966**

Salmela-Aro, K., Taanila, A., Ek, E. & Chen, M., 2012, In: *Longitudinal and Life Course Studies*. 3, 2, p. 228-242 15 p.

**Schoolwork engagement inventory**

Salmela-Aro, K. & Ubadyaya, K., 2012, In: *European Journal of Psychological Assessment*. 28, 1, p. 60–67

**Task value profiles across subjects and aspirations to physical and IT-related sciences in the United States and Finland**

Chow, A., Eccles, J. S. & Salmela-Aro, K., 2012, In: *Developmental Psychology*. 48, 6, p. 1612-1628 17 p.

**The Role of Goal-Related Autonomous Motivation, Effort and Progress in the Transition to University**

Vasalampi, K., Nurmi, J.-E., Jokisaari, M. & Salmela-Aro, K., 2012, In: *European Journal of Psychology of Education*. 27, 4, p. 591-604

**The role of psychological control, socioeconomic status and academic achievement in parents' educational aspirations for their adolescent children**

Tynkkynen, L., Vuori, J. & Salmela-Aro, K., 2012, In: *European Journal of Developmental Psychology*. 9, 6, p. 695-710 16 p.

**Trajectories of Educational Expectations from Adolescence to Young Adulthood in Finland**

Tynkkynen, L., Tolvanen, A. & Salmela-Aro, K., 2012, In: *Developmental Psychology*. 48, 6, p. 1674–1685

**Transition to parenthood and positive parenting: Longitudinal and intervention approaches**

Salmela-Aro, K., 2012, In: *European Journal of Developmental Psychology*. 9, 1, p. 21-32



**Young Adults Developmental Task-related Goals Modify the Association between Self-focused Goals and Depressive Symptoms**

Salmela-Aro, K., Read, S., Korhonen, T., Vuoksimaa, E., Rose, R. & Kaprio, J., 2012, In: Applied Psychology : Health and Well-Being. 4, 1, p. 106-125 20 p.

**A new approach for estimating a nonlinear growth component in multilevel modeling**

Tolvanen, A., Kiuru, N., Leskinen, E., Hakkarainen, K., Inkinen, M., Lonka, K. & Salmela-Aro, K., 2011, In: International Journal of Behavioral Development. 35, 4, p. 370-379 10 p.

**Bergen Burnout Inventory (BBI): Reliability and Validity among Finnish and Estonian Managers**

Salmela-Aro, K., Feldt, T., Rantanen, J., Hyvönen, K. & Tilleman, K., 2011, In: International Archives of Occupational and Environmental Health. 84, 6, p. 635-645 11 p.

**Changes in goal-related affects decrease burnout during a group psychotherapy intervention**

Salmela-Aro, K., Näätänen, P., Tolvanen, A. & Nurmi, J.-E., 2011, In: European Journal of Work and Organizational Psychology. 20, 4, p. 451-466 16 p.

**Depressive symptoms during adolescence: Do learning difficulties matter?**

Kiuru, N., Leskinen, E., Nurmi, J.-E. & Salmela-Aro, K., 2011, In: International Journal of Behavioral Development. 35, 4, p. 298-306 9 p.

**Developmental processes in school burnout: A comparison of major developmental models**

Parker, P. D. & Salmela-Aro, K., 2011, In: Learning and Individual Differences. 21, 2, p. 244-248 5 p.

**HAPPY SCHOOL -seminaari pohti koulun uusia haasteita**

Alatupa, S., Hirvonen, R., Ranta, M., Tuominen-Soini, H. & Salmela-Aro, K., 2011, In: Psykologia. 46, 02-03, p. 168-171 4 p.

**Kohti työelämää - ryhmämenetelmän vaikutukset toisen asteen opintoihin ja masennusoireisiin**

Vuori, J., Koivisto, P., Mutanen, P., Jokisaari, M. & Salmela-Aro, K., 2011, (Accepted/In press) In: Työ ja ihminen : työympäristötutkimuksen aikakauskirja..

**Koulu-uupumus sosiaalisessa kontekstissa: koti, koulu ja kaveripiiri**

Salmela-Aro, K., 2011, In: Psykologia. 45, 5/6, p. 448-459, 518

**Mapping pathways to adulthood among Finnish university students: Sequences, patterns, variations in family- and work-related roles**

Salmela-Aro, K., Kiuru, N., Nurmi, J.-E. & Eerola, M., 2011, In: Advances in Life Course Research. 16, 1, p. 25-41 17 p.

**Mental health problems common in women with fear of childbirth**

Rouhe, H., Salmela-Aro, K., Gissler, M., Halmesmaki, E. & Saisto, T., 2011, In: BJOG : An International Journal of Obstetrics & Gynaecology. 118, 9, p. 1104-1111 8 p.

**Mikä nuoria liikuttaa? Uupumuksesta intoon**

Salmela-Aro, K., 2011, In: Tieteessä tapahtuu. 29 (2011), 4-5, p. 3-6

**Nuorten henkilökohtaiset tavoitteet ja hyvinvointi**

Martikainen, E. & Salmela-Aro, K., 2011, (Accepted/In press) In: Psykologia.

**Nuorten sisäsyntyinen motivaatio ja hyvinvointi**

Vasalampi, K. & Salmela-Aro, K., 2011, (Accepted/In press) In: Psykologia.

**Parents' work burnout and adolescents' school burnout: Are they shared?**

Salmela-Aro, K., Tynkkynen, L. & Vuori, J., 2011, In: European Journal of Developmental Psychology. 8, 2, p. 215-227 13 p.

**Pressure to drink but not to smoke: Disentangling selection and socialization in adolescent friendship networks and peer groups**

Kiuru, N., Burk, W. J., Laursen, B., Salmela-Aro, K. & Nurmi, J.-E., 2011, In: *Journal of Adolescence*. 33, 6, p. 801-812 12 p.

**Promoting Positive Motherhood among Nulliparous Pregnant Women with an Intense Fear of Childbirth: RCT Intervention**

Salmela-Aro, K., Read, S., Rouhe, H., Halmesmäki, E., Toivanen, R., Tokola, M. & Saisto, T. K., 2011, In: *Journal of Health Psychology*. 17, 4, p. 520-534 15 p.

**Social strategies during university studies predict early career work burnout and engagement: 18-year longitudinal study**

Salmela-Aro, K., Tolvanen, A. & Nurmi, J.-E., 2011, In: *Journal of Vocational Behavior*. 79, 1, p. 145-157 13 p.

**Spousal support for personal goals and relationship satisfaction among women during the transition to parenthood**

Salmela-Aro, K., Nurmi, J.-E., Saisto, T. & Halmesmäki, E., 2011, In: *International Journal of Behavioral Development*. 34, 3, p. 229-237

**Stability and change in achievement goal orientations: a person-centered approach**

Tuominen-Soini, H., Salmela-Aro, K. & Niemivirta, M., 2011, In: *Contemporary Educational Psychology*. 36, 2, p. 82-100 19 p.

**Stages of Adolescence**

Salmela-Aro, K., 2011, *Encyclopedia of Adolescence*. Brown, B. B. & Prinstein, M. J. (eds.). Academic press, p. 360-368 9 p.

**Students with reading and spelling disabilities: Peer groups and educational attainment in secondary education**

Kiuru, N., Haverinen, K., Salmela-Aro, K., Nurmi, J.-E., Savolainen, H. & Holopainen, L., 2011, In: *Journal of Learning Disabilities*. 44, 6, p. 556-569 14 p.

**Task-values across subject domains: A gender comparison using a person-centered approach**

Chow, A. & Salmela-Aro, K., 2011, In: *International Journal of Behavioral Development*. 35, 3, p. 202-209 8 p.

**Teacher-working environment fit as a framework for burnout experienced by Finnish teachers**

Pyhältö, K., Pietarinen, J. & Salmela-Aro, K., 2011, In: *Teaching and Teacher Education*. 27, 7, p. 1101-1110 10 p.

**Adolescents' future education-related personal goals, concerns and internal motivation during "Towards Working Life" group intervention**

Salmela-Aro, K., Mutanen, P., Koivisto, P. & Vuori, J., 2010, In: *European Journal of Developmental Psychology*. 7, 4, p. 445-462 18 p.

**Adolescents' life satisfaction during the transition to post-comprehensive education: Antecedents and consequences**

Salmela-Aro, K. & Tuominen-Soini, H., 2010, In: *Journal of Happiness Studies*. 11, 6, p. 683-701 19 p.

**Ajallinen pysyvyys ja sukupuolierot nuorten opiskelumotivaatiossa**

Tuominen-Soini, H., Salmela-Aro, K. & Niemivirta, M., 2010, In: *Psykologia*. 45, 5-6, p. 386-401 16 p.

**Career goal-related social ties during two educational transitions: Antecedents and consequences**

Tynkkynen, L., Nurmi, J.-E. & Salmela-Aro, K., 2010, In: *Journal of Vocational Behavior*. 76, 3, p. 448-457 10 p.

**Education-related goal appraisals and self-esteem during the transition to secondary education: A longitudinal study**

Vasalampi, K., Salmela-Aro, K. & Nurmi, J.-E., 2010, In: *International Journal of Behavioral Development*. 34, 6, p. 481-490 10 p.

**Minutes of the ISSBD Executive Committee Meeting and General Business Meeting: Lusaka, Zambia 2010**

Salmela-Aro, K., 2010, In: ISSBD Bulletin. 2010, 58, p. 44-52

**One in five girls in upper secondary school suffers from school burnout**

Salmela-Aro, K., 2010, In: Pathfinder: The Pathways to Adulthood Newsletter. 1, p. 4-5 2 p.

**Opposites detract: Middle school peer group antipathies**

Laursen, B., Bukowski, W., Nurmi, J.-E., Salmela-Aro, K., Marion, D. & Kiuru, N., 2010, In: Journal of Experimental Child Psychology. 106, 4, p. 240-256 17 p.

**Personal goals and well-being: How do young people navigate their lives?**

Salmela-Aro, K., 2010, In: New Directions for Child and Adolescent Development. 2010, 130, p. 13-26 14 p.

**Psykologia! Kurssi 5, Persoonallisuus, mielenterveys ja hyvinvointi**

Lonka, K., Hakkarainen, K., Salmela-Aro, K., Ferchen, M., Lautso, A. & Sauri, P., 2010, Helsinki: WSOYpro. 232 p.

**School burnout and engagement: Antecedents and consequences: [CELSE2010 Abstracts]**

Salmela-Aro, K. & Natale, K., 2010, In: Longitudinal and Life Course Studies. 1, 3 : Supplement, p. 32 1 p.

**Spousal support for personal goals and relationship satisfaction among women during the transition to parenthood**

Salmela-Aro, K., Nurmi, J.-E., Saisto, T. & Halmesmäki, E., 2010, In: International Journal of Behavioral Development. 34, 3, p. 229-237 9 p.

**Study Burnout and Engagement in Higher Education**

Salmela-Aro, K. & Kunttu, K., 2010, In: Unterrichtswissenschaft : Zeitschrift für Lernforschung.. 38, 4, p. 322-337 16 p.

**Suomalaiset nuoret matkalla aikuisuuteen: hyvin- vai pahoinvointia**

Salmela-Aro, K., 2010, In: Psykologia. 45, 5-6

**Trajectories of Life Satisfaction Across the Transition to Post-Compulsory Education: Do Adolescents Follow Different Pathways?**

Salmela-Aro, K. & Tynkkynen, L., 2010, In: Journal of Youth and Adolescence. 39, 8, p. 870-881 12 p.

**Achievement strategies during university studies predict early career burnout and engagement**

Salmela-Aro, K., Tolvanen, A. & Nurmi, J.-E., 2009, In: Journal of Vocational Behavior. 75, 2, p. 162-172 11 p.

**Adolescents' self-concordance, school engagement and burnout predict their educational trajectories**

Vasalampi, K., Salmela-Aro, K. & Nurmi, J.-E., 2009, In: European Psychologist. 14, 4, p. 332-341

**Buts Personnels, estimate de soi et symptomes d'apressifs au cours de la transition vers la de adulte**

Salmela-Aro, K., 2009, In: Revue Quebecoise de Psychologie. 30, 2, p. 47-70 24 p.

**Depressive symptoms and school burnout during adolescence: Evidence from two cross-lagged longitudinal studies**

Salmela-Aro, K., Savolainen, H. & Holopainen, L., 2009, In: Journal of Youth and Adolescence. 38, 10, p. 1316-1327 12 p.

**Fear of childbirth according to parity, gestational age, and obstetric history**

Rouhe, H., Salmela-Aro, K., Halmesmäki, E. & Saisto, T., 2009, In: BJOG : An International Journal of Obstetrics & Gynaecology. 116, 1, p. 67-73 7 p.

**Henkilökohtaiset tavoitteet elämän kulussa**

Salmela-Aro, K., 2009, *Meitä on moneksi: persoonallisuuden psykologiset perusteet*. Metsäpelto, R.-L. & Feldt, T. (eds.). Jyväskylä: PS-kustannus, p. 129-144

**ISSBD 2008 meeting: Minute of the ISSBD Executive Committee (EC) Meeting: Denver, US, 2009**

Salmela-Aro, K., 2009, In: ISSBD Newsletter. 2, Serial No. 56, p. 35-40 6 p.

**Peer group homogeneity in adolescents' school adjustment varies according to peer group type and gender**

Kiuru, N., Nurmi, J.-E., Aunola, K. & Salmela-Aro, K., 2009, In: International Journal of Behavioral Development. 33, 1, p. 65-76 12 p.

Personal goal appraisals vary across both individuals and goal contents

Nurmi, J.-E., Salmela-Aro, K. & Aunola, K., 2009, In: Personality and Individual Differences. 47, 5, p. 498-503

**Personal goals and well-being during critical life transitions: The 4 C's - channeling, choice, co-agency and compensation**

Salmela-Aro, K., 2009, In: Advances in Life Course Research. 14, 1-2, p. 63-73 11 p.

**Personal goals and well-being during critical life transitions: Channeling, selection, co-agency and adjustment**

Salmela-Aro, K., 2009, *Linked lives and self-regulation: Lifespan - Life Course: Is it really the same?* .

**Personal goals of older female twins: genetic and environmental effects**

Salmela-Aro, K., Read, S., Nurmi, J.-E., Koskenvuo, M., Kaprio, J. & Rantanen, T., 2009, In: European Psychologist. 14, 2, p. 160-167 8 p.

**Psykologia! Kurssi 4: motivaatio, tunteet ja älykäs toiminta**

Lonka, K., Hakkarainen, K., Salmela-Aro, K., Ferchen, M. & Lautso, A., 2009, Helsinki: WSOY Oppimateriaalit. 206 p.

**School Burnout Inventory: Reliability and validity**

Salmela-Aro, K., Kiuru, N., Leskinen, E. & Nurmi, J. E., 2009, In: European Journal of Psychological Assessment. 25, 1, p. 48-57 10 p.

**School-related burnout during educational tracks: antecedents and consequences**

Salmela-Aro, K., 2009, *Transition from school to work: Globalisation, Individualisation, and Patterns of Diversity*. Schoon, I. & Silbereisen, R. K. (eds.). Cambridge: Cambridge University Press

**The role of peer groups in adolescents' educational trajectories: A longitudinal study**

Kiuru, N., Nurmi, J.-E., Aunola, K. & Salmela-Aro, K., 2009, In: European Journal of Developmental Psychology. 6, 5, p. 521-547 27 p.

**The role of task values in adolescents' educational tracks: A person-oriented approach**

Viljaranta, J., Nurmi, J.-E., Aunola, K. & Salmela-Aro, K., 2009, In: Journal of Research on Adolescence.

**Young managers' drive to thrive: A personal work goal approach to burnout and work engagement**

Hyvönen, K., Feldt, T., Salmela-Aro, K., Kinnunen, U. & Mäkikangas, A., 2009, In: Journal of Vocational Behavior.

**Youth Development in Europe Transitions and Identities**

Salmela-Aro, K. & Schoon, I., 2009, In: European Psychologist. 14, 4, p. 372-375 4 p.

**Achievement goal orientations and subjective well-being: A person-centred analysis**

Tuominen-Soini, H., Salmela-Aro, K. & Niemivirta, M., 2008, In: Learning and Instruction. 18, 3, p. 251-266 16 p.

**Arbetslivet i sikte. Guide för handledare**

Vuori, J., Koivisto, P., Larvi, T., Jokisaari, M., Sutela, S. & Salmela-Aro, K., 2008, Helsingfors: Arbetshälsainstitutet. 71 p.

**CASS-methods and tools for investigating higher education knowledge practices**

Muukkonen, H., Hakkarainen, K., Inkinen, M., Lonka, K. & Salmela-Aro, K., 2008, *International perspectives in the learning sciences: creating a learning world : proceedings of the eighth International Conference for the Learning Sciences - ICLS 2008 [in Utrecht, The Netherlands] : Volume 2 / [Gellof Kanselaar, Vincent Jonker, Paul A. Kirschner, Frans J. Prins [Eds.]] (ISSN 1573-4552)*. Kanselaar, G., Jonker, V., Kirschner, P. A. & Prins, F. J. (eds.). [s.l.]: ISLS International Society of the Learning Sciences, Vol. Volume 2. p. 107-114 8 p.

**Confidence in work-related goals and feelings of exhaustion during a therapeutic intervention for burnout: A time-series approach**

Nurmi, J.-E., Salmela-Aro, K., Keskivaara, P. & Näätänen, P., 2008, In: *Journal of Occupational and Organizational Psychology*. 81, 2, p. 277-297 21 p.

**Does school matter? The role of school context in adolescents' school-related burnout**

Salmela-Aro, K., Kiuru, N., Pietikainen, M. & Jokela, J., 2008, In: *European Psychologist*. 13, 1, p. 12-23 12 p.

**"Elämä on"**

Häkkinen, J., Salmela-Aro, K., Salminen, S., Tontti, J. & Ollinheimo, A., 2008, In: *Psykologia*. 2009, 1, p. 60 1 p.

**Goal conflict and facilitation as predictors of work-family satisfaction and engagement**

Wiese, B. & Salmela-Aro, K., 2008, In: *Journal of Vocational Behavior*.

**Letting go of your dreams - Adjustment of child-related goal appraisals and depressive symptoms during infertility treatment**

Salmela-Aro, K. & Suikkari, A.-M., 2008, In: *Journal of Research in Personality*. 42, 4, p. 988-1003 16 p.

**Lisää yhteisöllisyyttä ja huolenpitoa oppilaista - Tutkijat etsivät kouluhyvinvoinnin eväitä Suomalaisen Tiedekatemian juhlaseminaarissa Jyväskylässä: Puheenvuoro**

Mustonen, A., Latvala, J.-M., Pulkkinen, L., Olkinuora, E., Tamminen, T., Salmivalli, C., Efklides, A., Mikkola, A., Välijärvi, J., Niemi, H., Kangas, L., Aula, M. K., Lyytinen, H., Ahonen, T., Eccles, J., Uusikylä, K., Rinne, R. & Salmela-Aro, K., 2008, In: *NMI-bulletin*. 18, 4, p. 4-9 6 p.

**Longitudinal study on the predictors of parental stress in mothers and fathers of toddlers**

Saisto, T., Salmela-Aro, K., Nurmi, J.-E. & Halmesmäki, E., 2008, In: *Journal of Psychosomatic Obstetrics and Gynecology*. 29, 3, p. 213-222 10 p.

**Motivointi ja hyvinvointi elämän siirtymissä: Mikä meitä liikuttaa?**

Salmela-Aro, K., 2008, In: *Psykologia*. 43, 5, p. 374-379 6 p.

**Peer group influence and selection in adolescents' school burnout: A longitudinal Study**

Kiuru, N., Aunola, K., Nurmi, J.-E., Leskinen, E. & Salmela-Aro, K., 2008, In: *Merrill - Palmer Quarterly*. 54, 1, p. 23-55 33 p.

**The role of educational track in adolescents' school burnout: A longitudinal study**

Salmela-Aro, K., Kiuru, N. & Nurmi, J.-E., 2008, In: *British Journal of Educational Psychology*. 78, 4, p. 663-689 27 p.

**Towards working life: Effects of an intervention on mental health and transition to Post-basic Education**

Vuori, J., Koivisto, P., Mutanen, P., Jokisaari, M. & Salmela-Aro, K., 2008, In: *Journal of Vocational Behavior*. 72, 1, p. 67-80 14 p.

**Trajectories of depressive symptoms during emerging adulthood: Antecedents and consequences**

Salmela-Aro, K., Aunola, K. & Nurmi, J.-E., 2008, In: *European Journal of Developmental Psychology*. 5, 4, p. 439-465 27 p.

**Työuran uurtaja -ryhmämenetelmä: ohjaajan käsikirja**

Vuori, J., Salmela-Aro, K. & Karhula, A.-L. (Editor), 2008, Helsinki: Työterveyslaitos. 92 p.

**Työuran uurtaja -ryhmämenetelmä: osallistujan työkirja**

Vuori, J., Salmela-Aro, K. & Karhula, A.-L. (Editor), 2008, Helsinki: Työterveyslaitos. 54 p.

**Adolescents' motivational orientations, school subject values, and well-being: A person-oriented approach**

Salmela-Aro, K., Vuori, J. & Koivisto, P., 2007, In: *Hellenic Journal of Psychology*. 4, 3, p. 310-330 21 p.

**Emerging adulthood in Finland**

Salmela-Aro, K. & Helve, H., 2007, *Routledge International encyclopedia of Adolescence: Volume 1: A-J*. Arnett, J. J. (ed.). New York: Routledge

**Goal-related social ties**

Salmela-Aro, K., 2007, *Youth and Social Capital*. Helve, H. & Bynner, J. M. (eds.). London: Tufnell Press, p. 127-136 10 p.

**Mine, Yours, Ours and Others: Relational Aspects of Project Pursuit**

Salmela-Aro, K. & Little, B., 2007, *Personal Project Pursuit: Goals, Action and Human Flourishing*. Little, B. R., Salmela-Aro, K. & Phillips, S. D. (eds.). Mahwah, NJ: Lawrence Erlbaum, p. 199-220

**Personal goals during emerging adulthood: A 10-year follow-up**

Salmela-Aro, K., Aunola, K. & Nurmi, J., 2007, In: *Journal of Adolescent Research*. 22, 6, p. 690-715 26 p.

**Personal project pursuit: Goals, action and human flourishing**

Salmela-Aro, K. (Editor), Little, B. R. (Editor) & Phillips, S. D. (Editor), 2007, Mahwah, NJ: Lawrence Erlbaum.

**Process- and context-sensitive research on academic knowledge practices: developing CASS-tools and methods**

Muukkonen, H., Hakkarainen, K., Kosonen, K., Jalonen, S., Heikkilä, A., Lonka, K., Salmela-Aro, K., Linnanen, J. & Salo, K., 2007, *The Computer Supported Collaborative Learning (CSCL) Conference: Mice, minds and society: proceedings of the seventh International Computer Supported Collaborative Learning Conference*. Chinn, C., Erkens, G. & Puntambekar, S. (eds.). New Brunswick: ISLS International Society of the Learning Sciences, Vol. pt. 1. p. 545-547 3 p. (Computer-supported collaborative learning; vol. 2007).

**Self-esteem during university studies predict career 10 years later**

Salmela-Aro, K. & Nurmi, J.-E., 2007, In: *Journal of Vocational Behavior*. 70, 3, p. 463-477

**Communicating Personal Goals: Consequences for Person Perception in the Work and Family Domains**

Salmela-Aro, K. & Wiese, B., 2006, In: *Swiss Journal of Psychology*. 65, 3, p. 181-191 11 p.

**Couples share similar changes in depressive symptoms and marital satisfaction anticipating the birth of a child**

Salmela-Aro, K., Aunola, K., Saisto, T., Halmesmäki, E. & Nurmi, J.-E., 2006, In: *Journal of Social and Personal Relationships*. 23, 5, p. 781-803 23 p.

**Kohti työelämään: työkirja**

Vuori, J., Larvi, T., Koivisto, P., Jokisaari, M., Sutela, S. & Salmela-Aro, K., 2006, Helsinki: Työterveyslaitos. 48 p.

**Kohti työelämään. Ohjaajan käsikirja**

Vuori, J., Koivisto, P., Larvi, T., Jokisaari, M., Sutela, S. & Salmela-Aro, K., 2006, Helsinki: Työterveyslaitos. 71 p.

**Mikä meitä liikuttaa? motivaatio ja hyvinvointi elämän siirtymissä**

Salmela-Aro, K., 2006, In: *Psykologia*. 41, 2, p. 132-134 3 p.

**Promoting positive motivation among those suffering from burnout**

Näätänen, P. & Salmela-Aro, K., 2006, In: *ISSBD Newsletter*. 2, serial No. 50, p. 10-13 4 p.

### **Therapeutic group psychoeducation and relaxation in treating fear of childbirth**

Saisto, T., Toivanen, R., Salmela-Aro, K. & Halmesmäki, E., 2006, In: *Acta Obstetrica et Gynecologica Scandinavica*. 85, 11, p. 1315-1319 5 p.

### **What works makes you happy: The role of personal goals in the life-span development**

Nurmi, J.-E. & Salmela-Aro, K., 2006, *A life worth living: contributions to positive psychology*. Csikszentmihalyi, M. & Csikszentmihalyi, I. S. (eds.). Oxford: Oxford University Press, p. 182-199 18 p.

### **Combining work and family life: Life satisfaction among married and divorced men and women in Estonia, Finland and the UK**

Schoon, I., Hansson, L. & Salmela-Aro, K., 2005, In: *European Psychologist*. 10, 4, p. 309-319 11 p.

### **Introduction to the Special Section: Human development and well-being**

Salmela-Aro, K. & Schoon, I., 2005, In: *European Psychologist*. 10, 4, p. 259-263 5 p.

### **Mikä meitä motivoi**

Salmela-Aro, K. & Nurmi, J.-E., 2005, *Palkitseminen globaalissa Suomessa*. Vartiainen, M. & Kauhanen, J. (eds.). Helsinki: WSOY

### **Nuorten koulu-uupumusmittari BBI-10**

Salmela-Aro, K. & Näätänen, P., 2005, Helsinki. 119 p.

### **Uusia ja innovaattisia psykologian tutkimusmenetelmiä**

Salmela-Aro, K., 2005, In: *Psykologia*. 40, 5-6, p. 472-475 4 p.

### **Uusia ja innovatiivisia psykologian tutkimusmenetelmiä: [pääkirjoitus]: Psykologia 5-6/2005 -lehden teemanumero**

Salmela-Aro, K., 2005, Helsinki: Suomen psykologinen seura. 4 p. (*Psykologia-lehti*; vol. 40, no. 5-6)

### **Yksilötutkimus aikasarja-asetelmalla: esimerkkinä ARIMA-mallit**

Nurmi, J.-E., Keskivaara, P., Salmela-Aro, K. & Näätänen, P., 2005, In: *Psykologia*. 40, 5-6, p. 515-519 5 p.

### **Yksilötutkimus aikasarja-asetelmalla: esimerkkinä autoregressiivinen faktorimalli terapiaprosessin kuvauksessa**

Keskivaara, P., Nurmi, J.-E., Näätänen, P. & Salmela-Aro, K., 2005, In: *Psykologia*. 40, 5-6, p. 520-531 10 p.

### **Adolescents' achievement goal orientations, goal appraisals, and subjective well-being: A person-centered approach**

Tuominen-Soini, H., Salmela-Aro, K., Niemivirta, M. & Vuori, J., 2004, *Self-concept, motivation and identity, where to from here?: proceedings of the Third International Biennial SELF Research Conference*. Marsh, H. W., Baumert, J., Richards, G. E. & Trautwein, U. (eds.). Sydney: SELF Research Centre University of Western Sydney, p. 1-9 9 p.

### **Motivational orientation and well-being at work: A person-oriented approach**

Salmela-Aro, K. & Nurmi, J.-E., 2004, In: *Journal of Change Management*.

### **Personal projects and burnout intervention: Two longitudinal interventions**

Salmela-Aro, K., Nurmi, J.-E. & Näätänen, P., 2004, In: *Work and Stress*.

### **Uupuvatko nuoret koulussa?**

Salmela-Aro, K., Niemivirta, M. & Tuominen-Soini, H., 2004, In: *Learn periodical*. 2004, 2, p. 7-9 3 p.

### **Vanhemmuden stressaavuus**

Saisto, T., Salmela-Aro, K., Nurmi, J.-E. & Halmesmäki, E., 2004, In: *Psykologia*.

### **Adolescent's socialization and self-direction towards the work life**

Salmela-Aro, K., Vuori, J. & Koivisto, P., 2003, *People and Work*. (Research Reports ; no. 58).

### **Bergen Burnout Indicator-15**

Näätänen, P., Aro, A., Matthiesen, S. & Salmela-Aro, K., 2003, Edita.

### **Motivaatiopsykologinen näkökulma työuupumukseen**

Salmela-Aro, K., 2003, In: Ohjauskäytäntö. 1b/03

### **Nuorten työllistymisen ja työelämävalmiuksien tukeminen**

Vuori, J., Salmela-Aro, K. & Koivisto, P., 2003, In: Työ ja ihminen : työympäristötutkimuksen aikakauskirja..

### **Puolisoiden masentuneisuus ja tyytyväisyys parisuhteeseen lapsen syntymän yhteydessä**

Salmela-Aro, K., Aunola, K., Nurmi, J.-E., Saisto, T. & Halmesmäki, E., 2003, In: Psykologia.

### **The role of success expectation and task-avoidance in academic achievement and satisfaction: Three studies on antecedents, consequences and correlates**

Nurmi, J.-E., Aunola, K., Salmela-Aro, K. & Lindroos, M., 2003, In: Contemporary Educational Psychology.

### **Goal construction, reconstruction and depressive symptomatology in a life span context: The transition from school to work**

Nurmi, J.-E. & Salmela-Aro, K., 2002, In: Journal of Personality.

### **Goal importance, and related agency-beliefs and emotions during the transition from vocational school to work: Antecedents and consequences**

Nurmi, J.-E., Salmela-Aro, K. & Koivisto, P., 2002, In: Journal of Vocational Behavior.

### **Henkilökohtaiset projektit ja työuupumus: interventiotutkimus**

Salmela-Aro, K., Näätänen, P. & Nurmi, J., 2002, In: Psykologia.

### **Henkilökohtaiset tavoitteet ja hyvinvointi**

Salmela-Aro, K. & Nurmi, J.-E., 2002, *Mikä meitä elämässä liikuttaa: Modernin motivaatiopsykologian perusteet*. Salmela-Aro, K. & Nurmi, J.-E. (eds.). PS-kustannus

### **Intensive intervention for fear of childbirth did not reduce request for caesarean section but decreased duration of vaginal labor**

Saisto, T., Salmela-Aro, K., Nurmi, J.-E. & Halmesmäki, E., 2002, In: Evidence-based mental health..

### **Mikä meitä elämässä liikuttaa: Modernin motivaatiopsykologian perusteet**

Salmela-Aro, K. (Editor) & Nurmi, J. (Editor), 2002, PS-kustannus.

### **Modernin motivaatiopsykologian perusteet ja käsitteet**

Nurmi, J.-E. & Salmela-Aro, K., 2002, *Mikä meitä elämässä liikuttaa: Modernin motivaatiopsykologian perusteet*. Salmela-Aro, K. & Nurmi, J.-E. (eds.). PS-kustannus

### **Motivaatio elämänkaaren siirtymissä**

Nurmi, J.-E. & Salmela-Aro, K., 2002, *Mikä meitä elämässä liikuttaa: Modernin motivaatiopsykologian perusteet*. Salmela-Aro, K. & Nurmi, J.-E. (eds.). PS-kustannus

### **Motivaation merkitys siirtymässä vanhemmuuteen**

Salmela-Aro, K., Nurmi, J.-E., Saisto, T. & Halmesmäki, E., 2002, *Mikä meitä elämässä liikuttaa: Modernin motivaatiopsykologian perusteet*. Salmela-Aro, K. & Nurmi, J.-E. (eds.). PS-kustannus



**Motivaation mittaamenetelmä**

Salmela-Aro, K., 2002, *Mikä meitä elämässä liikuttaa: Modernin motivaatiopsykologian perusteet*. Salmela-Aro, K. & Nurmi, J.-E. (eds.). PS-kustannus

**Nuorten naisten siirtymät yliopisto-opintojen kuluessa**

Vanhatalo, O., Aunola, K., Nurmi, J. & Salmela-Aro, K., 2002, In: *Psykologia*.

**Synnytyspelkoa kannattaa hoitaa**

Saisto, T., Salmela-Aro, K., Nurmi, J.-E., Könönen, T. & Halmesmäki, E., 2002, In: *Duodecim*. 118, 2, p. 642-643

**Synnytyspelon hoito terapeuttisen ryhmän ja rentoutumisharjoituksen avulla**

Toivanen, R., Saisto, T., Salmela-Aro, K. & Halmesmäki, E., 2002, In: *Suomen lääkirilehti*.

**Työuupumuksen ryhmähoidon tutkimus- ja kehittämishanke Balanssi**

Näätänen, P., Grandell, T., Kähönen, K., Miikkulainen, T., Saarnio, M., Salmela-Aro, K. & Nurmi, J.-E., 2002, In: *Psykologia*.

**Työuupumuksesta työnimuun**

Salmela-Aro, K., 2002, In: *Psykologia*.

**A controlled trial of intervention in fear of childbirth**

Saisto, T., Nurmi, J.-E., Salmela-Aro, K. & Halmesmäki, E., 2001, In: *Obstetrics and Gynecology*.

**Goal construction and depressive symptoms during transition to motherhood: Evidence from two longitudinal studies**

Salmela-Aro, K., Nurmi, J.-E., Saisto, T. & Halmesmäki, E., 2001, In: *Journal of Personality and Social Psychology*.

**Personal goals during a transition to adulthood**

Salmela-Aro, K., 2001, *Navigation through adolescence*. Nurmi, J.-E. (ed.).

**Psychological characteristics of couples fearing vaginal childbirth**

Saisto, T., Salmela-Aro, K., Nurmi, J.-E. & Halmesmäki, E., 2001, In: *BJOG : An International Journal of Obstetrics & Gynaecology*.

**Psychosocial predictors of disappointmen with delivery and puerperal depression: A longitudinal study**

Saisto, T., Salmela-Aro, K., Nurmi, J.-E. & Halmesmäki, E., 2001, In: *Acta Obstetricia et Gynecologica Scandinavica*. 80, 1, p. 39-45

**Self-focused goals: what they are, how they function and how they relate to well-being**

Salmela-Aro, K., Pennanen, R. & Nurmi, J.-E., 2001, *Life goals and well-being*. p. 148-166

**Ihmisen psykologinen kehitys ja elämänkulku**

Salmela-Aro, K. & Nurmi, J.-E., 2000, *Suomalainen elämänkulku*. Heikkinen, E. & Tuomi, J. (eds.). Tammi

**Isien tavoitteet ja parisuhteen tyytyväisyys**

Vanhatalo, O., Salmela-Aro, K., Nurmi, J.-E., Saisto, T. & Halmesmäki, E., 2000, In: *Psykologia*.

**L'examen des projets personnel au cours d'une psychoterapie destinee aux personnes souffrant d'eupisement professionnel**

Salmela-Aro, K., Näätänen, P. & Nurmi, J.-E., 2000, In: *Revue Quebecoise de Psychologie*.

**Tavoitteet ja strategiat väylänä onnistumiseen ja epäonnistumiseen**

Salmela-Aro, K. & Nurmi, J.-E., 2000, In: Psykologia.

**Women's and men's personal goals during the transition to parenthood**

Salmela-Aro, K., Nurmi, J.-E., Saisto, T. & Halmesmäki, E., 2000, In: Journal of Family Psychology.

**Optimistic, defensive-pessimistic, impulsive and self-handicapping strategies in university environments**

Eronen, S., Nurmi, J.-E. & Salmela-Aro, K., 1998, In: Learning and Instruction.

**CAST-käsikirja**

Nurmi, J.-E., Haavisto, T. & Salmela-Aro, K., 1997, Psykologien kustannus.

**Goal contents, well-being and life context during transition to university - a longitudinal study**

Salmela-Aro, K. & Nurmi, J.-E., 1997, In: International Journal of Behavioral Development. 20, 3, p. 471-491

**Henkilökohtaiset projektit ja psyykinen hyvinvointi**

Salmela-Aro, K., 1997, In: Psykologia.

**Personal project appraisals, academic achievement and related satisfaction - longitudinal study**

Salmela-Aro, K. & Nurmi, J.-E., 1997, In: European Journal of Psychology of Education. 12, 1, p. 77-88

**Planning-oriented, avoidance and impulsive social strategies - a person-oriented approach**

Eronen, S., Nurmi, J.-E. & Salmela-Aro, K., 1997, In: Journal of Research in Personality.

**Positive and negative self-related goals and subjective well-being: prospective study**

Salmela-Aro, K. & Nurmi, J.-E., 1997, In: Journal of Adult Development.

**Social strategies and loneliness**

Nurmi, J.-E., Toivonen, S., Salmela-Aro, K. & Eronen, S., 1997, In: The Journal of Social Psychology.

**Social strategies and loneliness - a prospective study**

Nurmi, J.-E. & Salmela-Aro, K., 1997, In: Personality and Individual Differences.

**Depressive symptoms and personal project appraisals: A cross-lagged longitudinal study**

Salmela-Aro, K. & Nurmi, J.-E., 1996, In: Personality and Individual Differences.

**Optimistic, approach-oriented and avoidance strategies in social situations. Three studies on loneliness in peer relationships**

Nurmi, J.-E., Toivonen, S., Salmela-Aro, K. & Eronen, S., 1996, In: European Journal of Personality.

**Personal projects and subjective well-being**

Salmela-Aro, K., 1996, University of Helsinki, Department of Psychology. (Research Report; no. 18)

**Uncertainty and confidence in interpersonal projects - Consequences for social life and well-being**

Salmela-Aro, K. & Nurmi, J.-E., 1996, In: Journal of Social and Personal Relationships.

**Henkilökohtaiset projektit ja hyvinvointi: Kognitiivinen näkökulma motivaatioon ja persoonallisuuteen**

Salmela-Aro, K. & Nurmi, J.-E., 1995, *Persoonallisuus, terveys ja hyvinvointi*. (Acta Psychologica Fennica. Soveltavan psykologian monografioita.; no. 8).

**Personal goals and control beliefs of young social drop-outs**

Salmela-Aro, K., Nurmi, J.-E. & Ruotsalainen, H., 1995, In: Perceptual and Motor Skills.

### **Strategiat, hyvinvointi ja mielenterveys**

Nurmi, J.-E., Eronen, S. & Salmela-Aro, K., 1995, *Persoonallisuus, terveys ja hyvinvointi*. (Acta Psychologica Fennica. Soveltavan psykologian monografioita.; no. 8).

### **The Strategy and Attribution Questionnaire: Psychometric properties**

Nurmi, J.-E., Salmela-Aro, K. & Haavisto, T., 1995, In: *European Journal of Psychological Assessment*.

### **Cognitive and attributional strategies among unemployed young adults: A case of the failure-trap strategy**

Nurmi, J.-E., Salmela-Aro, K. & Ruotsalainen, H., 1994, In: *European Journal of Personality*.

### **Age differences in adults' control beliefs related to life goals and concerns**

Nurmi, J.-E., Pulliainen, H. & Salmela-Aro, K., 1992, In: *Psychology and Aging*.

### **Age differences in adults' personal projects**

Salmela-Aro, K., Nurmi, J.-E., Aro, A., Poppius, E. & Riste, J., 1992, In: *The Journal of Social Psychology*.

### **Auktoriteettirooleissa toimivan henkilöstön henkisen työkyvyn huolto ryhmäintervention avulla**

Aro, A., Riste, J., Poppius, E., Salmela-Aro, K. & Nurmi, J.-E., 1992, *Mielenterveysseura*.

### **CAST- uusi testi ajattelu- ja tulkintatapojen arviointiin**

Nurmela, J.-E., Salmela-Aro, K. & Haavisto, T., 1992, *Ohjauskäytäntö*. Vol. 1a/92.

### **Epäonnistumisen psykologiaa: Katsaus ajattelu- ja toimintastrategioiden tutkimukseen**

Nurmi, J.-E. & Salmela-Aro, K., 1992, In: *Psykologia*.

### **Epäonnistumisen psykologiaa: Syrjäytymisvaarassa olevien nuorten kiinnostukset ja ajattelutavat**

Nurmi, J.-E., Salmela-Aro, K., Anttonen, M. & Kinnunen, H., 1992, In: *Psykologia*.

### **Struggling with self. Personal projects of students seeking psychological counseling**

Salmela-Aro, K., 1992, In: *Scandinavian Journal of Psychology*.

### **Psyykkisen terveyden yhteys tavoitesysteemiin**

Salmela-Aro, K., 1989, In: *Psykologia*.

## **Activities**

### **Using a situation- and person-oriented approach to assess within- and between-person variation in momentary social media use and affective states**

Maksniemi, E. (Invited speaker), Salmela-Aro, K. (Speaker), Hietajärvi, L. (Speaker) & Järvinen, J. (Speaker)  
18 Jun 2024

### **Does parental digital media restrictions matter? - Investigating effects of pre-bedtime digital media use on adolescents' sleep using a diary study**

Maksniemi, E. (Speaker), Hietajärvi, L. (Speaker), Engberg, E. (Speaker), Tkaczyk, M. (Speaker) & Salmela-Aro, K. (Speaker)  
17 Jun 2024

### **Doctoral Defense: Erika Maksniemi**

Salmela-Aro, K. (Supervisor), Lonka, K. (Co-supervisor) & Ketonen, E. E. (Co-supervisor)  
8 Dec 2023

**Is chatting with friends on social media in the evening harmful for adolescents' sleep and academic wellbeing? – an experience sampling study with objective sleep measures**

Maksniemi, E. (Speaker), Ketonen, E. E. (Speaker), Salonen, V. (Speaker), Lonka, K. (Speaker) & Salmela-Aro, K. (Speaker)

25 Nov 2023

**Is experience of digital stress more harmful for schooling than social media use before bedtime?**

Maksniemi, E. (Speaker), Ketonen, E. E. (Speaker), Salonen, V. (Speaker), Lonka, K. (Speaker) & Salmela-Aro, K. (Speaker)

26 Aug 2023

**Using Contextual and Situational Methodologies to Investigate Student Emotion and Motivation**

Lonka, K. (Speaker) & Salmela-Aro, K. (Speaker)

26 Aug 2023

**So that every young person has a chance to succeed in life**

Namdar, C. (Invited speaker), Salmela-Aro, K. (Invited speaker) & Maksniemi, E. (Invited speaker)

27 Jun 2023

**SuomiAreena**

Namdar, C. (Speaker: Keynote), Salmela-Aro, K. (Speaker: Keynote) & Maksniemi, E. (Speaker: Keynote)

27 Jun 2023

**Public Talk at Tiedekulma**

Sortheix, F. (Speaker: Presenter), Mannerström, R. (Speaker: Presenter) & Salmela-Aro, K. (Speaker: Presenter)

5 Oct 2022

**Can You Feel the Excitement? The Physiological Correlates of Students' Self-reported Experiences**

Salonen, R. (Speaker), Ketonen, E. E. (Speaker), Lonka, K. (Speaker) & Salmela-Aro, K. (Speaker)

24 Aug 2021

**Andrew Martin**

Salmela-Aro, K. (Host) & Tang, X. (Host)

11 Jan 2020 → 14 Jan 2020

**The economic stress model in emerging adulthood: The role of social relationships and financial capability**

Ranta, M. (Speaker), Punamäki, R.-L. (Speaker), Chow, A. (Speaker) & Salmela-Aro, K. (Speaker)

12 Oct 2019

**9th Conference of the Society for the Study of Emerging Adults**

Ranta, M. (Speaker: Presenter), Punamaki, R.-L. (Attendee), Chow, A. (Attendee) & Salmela-Aro, K. (Attendee)

10 Oct 2019 → 12 Oct 2019

**The European Association of Developmental Psychology (EADP) Winter School 2019**

Salmela-Aro, K. (Member of organizing committee)

31 Jan 2019 → 2 Feb 2019

**How to engage girls in science**

Salmela-Aro, K. (Keynote speaker)

17 Jan 2019

**ETH Zurich**

Salmela-Aro, K. (Visiting researcher)

2019 → ...

**Burnout in High School**

Salmela-Aro, K. (Keynote speaker)  
13 Dec 2018

**Student wellbeing and health**

Salmela-Aro, K. (Keynote speaker)  
30 Nov 2018

**How to prevent gap years**

Salmela-Aro, K. (Keynote speaker)  
21 Nov 2018

**Burnout in High School**

Salmela-Aro, K. (Keynote speaker)  
15 Nov 2018

**Teacher Wellbeing**

Salmela-Aro, K. (Keynote speaker)  
12 Nov 2018

**Servant Leadership**

Salmela-Aro, K. (Keynote speaker)  
2 Nov 2018

**Students' stress**

Salmela-Aro, K. (Keynote speaker)  
1 Nov 2018

**Optimal Learning Moments**

Salmela-Aro, K. (Keynote speaker)  
25 Oct 2018

**Girls and STEM**

Salmela-Aro, K. (Keynote speaker)  
22 Oct 2018

**Student engagement and burnout**

Salmela-Aro, K. (Speaker)  
22 Oct 2018

**School Burnout and Promotion of School Engagement**

Salmela-Aro, K. (Keynote speaker)  
9 Oct 2018

**SRCD Character meeting**

Salmela-Aro, K. (Speaker: Keynote) & Motti, F. (Speaker: Keynote)  
9 Oct 2018

**Girls to STEM**

Salmela-Aro, K. (Keynote speaker)  
18 Sept 2018

**Crafting Optimal Learning Moments in Science**

Salmela-Aro, K. (Keynote speaker)

3 Aug 2018

**Australian Catholic University**

Salmela-Aro, K. (Visiting researcher)

9 Jul 2018 → 20 Jul 2018

**Opponent of Kaja Mademurk**

Salmela-Aro, K. (Opponent)

27 Jun 2018

**University of California Irvine**

Salmela-Aro, K. (Visiting researcher)

20 Mar 2018 → 10 Apr 2018

**Univ of California Irvine, Irvine, USA**

Salmela-Aro, K. (Visiting researcher)

20 Mar 2018 → 10 Apr 2018

**Pontificia Universidad Católica de Chile, Escuela de Psicología**

Salmela-Aro, K. (Visiting researcher)

9 Jan 2018 → 19 Jan 2018

**Australian Catholic University**

Salmela-Aro, K. (Visiting researcher)

2018 → ...

**Opetus- ja Kulttuuriministeriö, Uusi Lukio -hanke, Advisory Board**

Salmela-Aro, K. (Advisor)

2018 → ...

**Suomalainen tiedakatemia (External organisation)**

Salmela-Aro, K. (Member)

2018 → ...

**Suomalainen tiedeakatemia, psykologian ja kasvatustieteiden ryhmä (External organisation)**

Salmela-Aro, K. (Chair)

2018 → ...

**Supervision of doctoral thesis: Erika Maksniemi**

Salmela-Aro, J. K. (Supervisor), Lonka, K. M. (Co-supervisor) & Ketonen, E. E. (Co-supervisor)

2018 → ...

**Supervision of doctoral thesis: Jussi Järvinen**

Salmela-Aro, J. K. (Supervisor) & Ketonen, E. E. (Co-supervisor)

2018 → ...

**Advisory Board Member of New Comprehensive Education**

Salmela-Aro, K. (Advisor)

2017 → ...

**Michigan State Univ, Michigan State University**

Salmela-Aro, K. (Visiting researcher)

2017 → ...

**Nuori Mieli Työssä, S-ryhmä (External organisation)**

Salmela-Aro, K. (Expert)

2017 → ...

**OECD Creativity and critical thinking**

Salmela-Aro, K. (Advisor)

2017 → ...

**OECD Education 2030, advisory board**

Salmela-Aro, K. (Advisor)

2017 → ...

**TUTKAS, Tutkijoiden ja kansanedustajien seura (External organisation)**

Salmela-Aro, K. (Board member)

2017 → ...

**AERA 2016 Annual Meeting: Public Scholarship to Educate Diverse Democracies**

Tuominen, H. (Attendee), Niemivirta, M. J. (Attendee), Lonka, K. M. (Attendee) & Salmela-Aro, J. K. (Attendee)

8 Apr 2016 → 12 Apr 2016

**OECD socio emotional skills, International and national advisory board**

Salmela-Aro, K. (Advisor)

2016 → ...

**American Educational Research Association (AERA) (External organisation)**

Salmela-Aro, K. (Member)

2015 → ...

**Univ of California Irvine, Irvine, USA**

Salmela-Aro, K. (Visiting researcher)

2015 → ...

**LIVES centre of Excellence Lausanne and Geneva (External organisation), Advisory Board**

Salmela-Aro, K. (Advisor)

2014 → ...

**Strategic council board (External organisation)**

Salmela-Aro, K. (Member)

2014 → 2018

**Supervision of doctoral thesis: Elina Ketonen**

Lonka, K. M. (Supervisor), Salmela-Aro, J. K. (Co-supervisor) & Tuominen, H. (Co-supervisor)

2014 → 8 Dec 2017

**The European Association of Developmental Psychology (EADP) (External organisation)**

Salmela-Aro, K. (Chair)

2014 → 2020

**Institute of Education**

Salmela-Aro, K. (Visiting researcher)

1 Apr 2012 → 31 Mar 2015

### **Happy School 2: Peers and School**

Salmela-Aro, K. (Chair)  
10 Oct 2011 → 11 Oct 2011

### **Frontiers in Physiology (Journal)**

Salmela-Aro, K. (Editor)  
2010 → ...

### **Developmental Psychology (Journal)**

Salmela-Aro, K. (Editor)  
2009 → ...

### **European Journal of Developmental Psychology (Journal)**

Salmela-Aro, K. (Member of editorial board)  
2009 → ...

### **Society for European Developmental Psychology (External organisation)**

Salmela-Aro, K. (Board member)  
2009 → ...

### **International Society for behavioral Development (External organisation)**

Salmela-Aro, K. (Secretary)  
2008 → 2014

### **International Society for behavioral Development (External organisation)**

Salmela-Aro, K. (Secretary)  
2008 → 2014

### **Academy of Finland, Council of Society and Culture (External organisation)**

Salmela-Aro, K. (Member)  
2007 → 2009

### **European Psychologist (Journal)**

Salmela-Aro, K. (Editor)  
2004 → ...

### **Sensori**

Salmela-Aro, K. (Participant)  
1995 → ...

### **Psykologia (Journal)**

Salmela-Aro, K. (Editor)  
1994 → ...

## **Prizes**

### **Dlearn.Helsinki - Helsinki Challenge Science Competition Finalist**

Toom, A. (Recipient), Salmela-Aro, K. (Recipient), Lakkala, M. (Recipient), Tervaniemi, M. (Recipient), Kallunki, V. (Recipient), Männistö, T. (Recipient), Silander, P. (Recipient), Harjula, V.-M. (Recipient) & Lindholm, N. (Recipient), 19 Jun 2017

### **Editor's Choice Award (2018)**

Sorkkila, M. (Recipient), Aunola, K. (Recipient), Salmela-Aro, K. (Recipient), Tolvanen, A. (Recipient) & Ryba, T. (Recipient), 2018



**Marie Curie Visiting Professor**  
Salmela-Aro, K. (Recipient), 2019

## Projects

### **Agents: #Agentit -Nuorten toimijuus sosiaalisessa mediassa**

Salmela-Aro, K. (Project manager), Salmela-Aro, K. (Project manager), Hietajärvi, L. (Principal Investigator), Hietajärvi, L. (Participant), Sortheix, F. (Participant), Toyama, H. (Participant), Yu, J. (Participant), Mannerström, R. (Participant) & Puukko, K. T. (Participant)  
Suomen Akatemia Projektilaskutus  
01/01/2019 → 31/12/2022

### **AI in learning**

Niemi, H. (Project manager), Salmela-Aro, K. (Project manager) & Tang, X. (Co-Principal Investigator)  
01/01/2020 → 31/05/2022

### **AI in Learning**

Niemi, H. (Project manager), Salmela-Aro, K. (Principal Investigator), Hakkarainen, K. (Principal Investigator), Seitamaa-Hakkarainen, P. (Principal Investigator), Korhonen, T. (Principal Investigator), Tervaniemi, M. (Principal Investigator), Huotilainen, M. (Principal Investigator), Ruokamo, H. (Principal Investigator), Kousa, P. (Other), Harju, V. (Other) & Niu, J. (Other)  
01/01/2020 → 31/12/2021

### **Bridging the Gaps**

Salmela-Aro, K. (Project manager) & Tang, X. (Participant)  
01/01/2018 → ...

### **Bridging the Gaps - Affective, cognitive, and social consequences of digital revolution for youth development and education**

Salmela-Aro, K. (Project manager), Lonka, K. (Project manager), Hakkarainen, K. (Principal Investigator), Marttinen, E. (Principal Investigator), Ketonen, E. E. (Principal Investigator), Moisala, M. (Principal Investigator), Mannerström, R. (Principal Investigator), Hietajärvi, L. (Principal Investigator), Maksniemi, E. (Principal Investigator), Shupin, L. (Principal Investigator), Dhir, A. (Principal Investigator), Järvinen, J. (Principal Investigator), Parada, F. (Principal Investigator), Vinni-Laakso, J. (Principal Investigator), Mademurk, K. (Principal Investigator), Upadyaya, K. M. (Principal Investigator) & Puukko, K. T. (Principal Investigator)  
01/09/2017 → 31/08/2021

### **COORDINATE: COhort cOMmunity Research and Development Infrastructure Network for Access Throughout Europe**

Salmela-Aro, K. (Project manager) & Huttunen, I. E. (Participant)  
European Commission  
01/04/2021 → 31/03/2025

### **Dlearn.Helsinki - Facilitating Learning of Global Competencies (Helsinki Challenge, Business Finland)**

Toom, A. (Project manager), Salmela-Aro, K. (Principal Investigator), Lakkala, M. (Principal Investigator), Tervaniemi, M. (Principal Investigator), Kallunki, V. (Principal Investigator), Männistö, T. (Principal Investigator), Harjula, V.-M. (Participant), Dexter, P. (Participant) & Fagerholm, F. (Principal Investigator)  
Business Finland, Tekes  
16/01/2017 → ...

### **EAGER: Opetuksen ja opettajankoulutuksen kehittäminen tutkimalla oppilaiden kiinnostuksen syntymistä matematiikan, luonnontieteiden ja insinöritieteiden opiskelua kohtaan: Kansainvälinen tutkimusyhteistyö**

Lavonen, J. (Project manager), Juuti, K. (Participant), Inkinen, J. (Participant) & Salmela-Aro, K. (Participant)  
Unknown funder  
01/01/2013 → 31/12/2014

### **Educational psychology, especially in higher education (EdPsychHE)**

Lindblom, S. (Principal Investigator), Lonka, K. (Principal Investigator), Hakkarainen, K. (Principal Investigator), Salmela-Aro, K. (Principal Investigator), Löfström, E. (Principal Investigator), Nevgi, A. (Principal Investigator), Pyhältö, K. (Principal Investigator), Vehviläinen, S. (Principal Investigator), Hirsto, L. (Principal Investigator), Toom, A. (Principal Investigator), Katajavuori, N. (Participant), Repo, S. (Participant), Ruohoniemi, M. (Participant), Virtanen, V. (Participant), Postareff, L. (Participant), Chow, Y. (Participant), Hailikari, T. (Participant), Parpala, A. (Participant), Tuominen, H. (Participant), Aarnio, M. (Participant), Ahonen, E. (Participant), Carlberg, M. T. (Participant), Haarala-Muhonen, A. (Participant), Heikkilä, A. (Participant), Heiskanen, M. (Participant), Henritius, E. (Participant), Hyytinen, H. (Participant), Lehtinen, A. (Participant), Litmanen, T. (Participant), Mikkonen, J. (Participant), Muukkonen, H. (Participant), Nieminen, J. (Participant), Pekkilä, S. (Participant), Ruusunen, R. (Participant), Asikainen, H. (Participant), Seppälä, H. (Participant), Keskinen, J. (Participant), Talvio, M. (Participant), Tukiainen, M. (Participant), Vekkaila (o.s. Tuomainen), J. (Participant), Westling, S. (Participant) & Virtanen, P. (Participant)  
11/03/2011 → 11/03/2011

### **EDUCA: Education for the Future**

Salmela-Aro, K. (Project manager), Ahtiainen, R. (Participant), Elomaa, M. (Participant), Hatjasalo, E. R. (Participant), Heikkinen, K.-M. E. (Participant), Heikonen, L. (Participant), Heinimäki, O.-P. (Participant), Hietajärvi, L. (Participant), Hotulainen, R. (Participant), Huotilainen, M. (Participant), Hyyppä, I. M. (Participant), Irani Ouchbolagh, F. (Participant), Jahnukainen, M. (Participant), Järvinen, J. (Participant), Kalland, M. (Participant), Kostilainen, K. (Participant), Kulmala, S. M. (Participant), Kämper, E. O. O. (Participant), Lahtero, T. J. (Participant), Laine, T. T. (Participant), Laine, A. (Participant), Li, P.-H. (Participant), Lindfors, T. (Participant), Lintuvuori, M. (Participant), Martikainen, S. (Participant), Mäkinen, J. A. I. (Participant), Nuutila, K. (Participant), Ruutu, P. P. (Participant), Stenberg, K. (Participant), Toyama, H. (Participant), Upadyaya, K. M. (Participant), Uusitalo, R. (Participant), Vilhunen, E. (Participant), Vinni-Laakso, J. (Participant), Virtanen, P. (Participant) & Yu, J. (Participant)  
Academy of Finland  
01/01/2024 → 30/04/2028

### **STEM: Engaging Learning Environments in STEM: Collaboration with Finland and Chile**

Lavonen, J. (Project manager), Salmela-Aro, K. (Principal Investigator), Juuti, K. (Principal Investigator), Inkinen, J. (Participant), Avalos, B. (Principal Investigator) & Cumsille, P. (Principal Investigator)  
01/01/2016 → 31/12/2017

### **FLUX: Family Formation in Flux - Causes, Consequences and Possible Futures**

Salmela-Aro, K. (Project manager) & Sortheix, F. (Participant)  
Academy of Finland  
01/10/2024 → 30/09/2027

### **Finnish Educational Transitions Studies**

Salmela-Aro, K. (Principal Investigator), Ranta, M. (Participant), Sortheix, F. (Participant), Tuominen, H. (Participant), Marttinen, E. (Participant) & Mannerström, R. (Participant)

### **FLUX: Family Formation in Flux – Causes, Consequences and Possible Futures**

Sortheix, F. (Participant), Mannerström, R. (Participant), Salmela-Aro, K. (Principal Investigator), Upadyaya, K. M. (Participant) & Read, S. (Participant)  
01/09/2021 → 01/09/2024

### **GUIDEPREP: Growing Up in Digital Europe Preparation Phase (GUIDEPREP)**

Salmela-Aro, K. (Project manager) & Upadyaya, K. M. (Participant)  
European Commission  
01/10/2022 → 30/09/2026

### **G-VERSITY: G-VERSITY - Achieving Gender Diversity**

Salmela-Aro, K. (Project manager), Fang, Y. (Participant) & Olive, K. (Participant)  
European Commission  
01/10/2020 → 30/09/2024

### **EWE: Helsinki Challenge Accelerator Programme, semifinalist**

Lonka, K. (Project manager), Hakkarainen, K. (Participant), Krokfors, L. (Participant), Nenonen, S. (Participant), Salmela-Aro, K. (Participant), Sandström, N. (Participant), Suominen, J. (Participant) & Vaara, L. (Participant)

20/11/2014 → ...

**ClimComp: Ilmastonmuutoksen tehokkaan hillinnän ja sopeutumisen kompetenssien oppiminen koulutusjärjestelmässä**

Salmela-Aro, K. (Project manager), Brax, A. (Participant), Fang, Y. (Participant), Ferber, K. A. (Participant), Gale, J. (Participant), Hilgar, A. (Participant), Hyttinen, S. (Participant), Irani Ouchbolagh, F. (Participant), Järvinen, J. (Participant), Li, P.-H. (Participant), Muta, S.-M. (Participant), Olive, K. (Participant), Ronkainen, I. A. (Participant), Sortheix, F. (Participant), Tang, X. (Participant), Taurinen, J. J. V. (Participant), Upadyaya, K. M. (Participant), Veijonaho, S. (Participant), Vesterinen, V.-M. (Participant), Vilhunen, E. (Participant) & Yu, J. (Participant)

Academy of Finland

01/02/2021 → 30/11/2024

**Kaksivuotisen eskarikokeilun seurantatutkimus**

Salmela-Aro, K. (Project manager) & Kalland, M. (Participant)

01/09/2021 → ...

**Co4-Lab: Laboratory of Co-Inquiry, Co-Design, Co-Teaching and Co-Regulation (Co4-Lab)**

Hakkarainen, K. (Project manager), Lavonen, J. (Principal Investigator), Seitamaa-Hakkarainen, P. (Principal Investigator), Salmela-Aro, K. (Principal Investigator), Juuti, K. (Principal Investigator), Korhonen, T. (Principal Investigator), Sormunen, K. (Principal Investigator), Koskinen-Salmia, A. (Principal Investigator), Kangas, K. (Principal Investigator), Vaahtokari, A. (Participant), Muhonen, S. (Participant), Myllyntausta, S. (Participant), Stenberg, K. (Participant), Maskonen, T. (Participant), Bosch, N. (Principal Investigator), Davies, S. (Principal Investigator), Lahti, H. (Principal Investigator) & Salo, L. (Participant)

01/09/2015 → 31/08/2019

**Learning of the competencies of effective climate change mitigation and adaptation in the education system**

Kulmala, M. (Principal Investigator), Riuttanen, L. (Project manager), Salmela-Aro, K. (Co-Principal Investigator), Lavonen, J. (Co-Principal Investigator), Gregow, H. (Co-Principal Investigator), Makkonen, R. (Co-Principal Investigator), Lappalainen, H. K. (Co-Principal Investigator), Lauri, K. A. (Participant), Ruuskanen, T. (Participant), Salovaara, J. J. (Participant), Siponen, J. O. (Participant), Taurinen, J. J. V. (Participant), Vesterinen, V.-M. (Participant), Vilhunen, E. (Participant), Veijonaho, S. (Participant), Ronkainen, I. A. (Participant), Makela, A. (Participant), Vajda, A. (Participant), Merikanto, J. (Participant), Räisänen, P. (Participant) & Korhonen, N. (Participant)

01/02/2021 → 30/11/2024

**Mind Hub -tutkimusryhmä**

Salmela-Aro, K. (Project manager), Upadyaya, K. M. (Principal Investigator), Ranta, M. (Participant), Vinni-Laakso, J. (Participant), Tang, X. (Participant), Mannerström, R. (Participant), Maksniemi, E. (Participant), Lappi, A. E. (Participant), Nykanen, M. (Participant), Järvinen, J. (Participant) & Puukko, K. T. (Participant)

03/01/2000 → ...

**Mind the Gap Between Digital Natives and Educational Practices**

Lonka, K. (Project manager), Hakkarainen, K. (Principal Investigator), Salmela-Aro, K. (Principal Investigator), Alho, K. (Principal Investigator), Hietajärvi, L. (Participant), Ketonen, E. E. (Participant), Makkonen, J. (Participant), Moisala, M. (Participant), Sandström, N. (Participant), Sjöblom, K. (Participant), Tuominen, H. (Participant) & Hytti, M. (Participant)

01/01/2013 → 31/12/2016

**FLUX: Muuttuva perheenmuodostus - Syyt, seuraukset ja mahdolliset tulevaisuudet**

Salmela-Aro, K. (Project manager), Beattie, M. (Participant), Hyttinen, S. (Participant), Li, P.-H. (Participant), Mannerström, R. (Participant), Muta, S.-M. (Participant), Salo, S. J. (Participant), Sortheix, F. (Participant), Upadyaya, K. M. (Participant) & Veijonaho, S. (Participant)

SUOMEN AKATEMIA Vähäkylä Leena

01/10/2021 → 30/09/2024

**R to B: Oikeus osallisuuteen: Yksinäisyyden ja ostrakismin vähentäminen lapsuudessa ja nuoruudessa**

Salmela-Aro, K. (Project manager), Abdulhamed, R. (Participant), Beattie, M. (Participant), Li, P.-H. (Participant), Maksniemi, E. (Participant) & Pollock, G. (Participant)

Academy of Finland

01/10/2022 → 30/09/2025

**"OK App Learning Buddy" participation to the Ratkaisu 100 is a challenge prize competition**

Salmela-Aro, K. (Project manager), Hakkarainen, K. (Participant), Juuti, K. (Participant) & Lavonen, J. (Participant)  
01/01/2017 → 31/12/2017

**PIRE: Crafting Optimal Learning in Science Environments**

Salmela-Aro, K. (Project manager)

SUOMEN AKATEMIA

01/01/2016 → 31/12/2020

**REMEDIS - RETHINKING MEDIA LITERACY AND DIGITAL SKILLS IN EUROPE**

Salmela-Aro, K. (Project manager), Hietajärvi, L. (Participant), Irani Ouchbolagh, F. (Participant), Maksniemi, E. (Participant), Maksniemi, E. (Participant) & Spurava, G. (Participant)

Academy of Finland

01/10/2022 → 30/09/2024

**RESCUE: Resilientti koulu ja koulutus**

Salmela-Aro, K. (Project manager), Elomaa, M. (Participant), Heinimäki, O.-P. (Participant), Huttunen, I. E. (Participant), Knight, C. M. (Participant), Muta, S.-M. (Participant), Riudavets, M. (Participant), Salonen, R. (Participant), Toyama, H. (Participant) & Yu, J. (Participant)

SUOMEN AKATEMIA Vähäkylä Leena

01/09/2021 → 31/12/2024

**Self-nudging for health and occupational well-being**

Toyama, H. (Project manager), Hietajärvi, L. (Other), Upadyaya, K. M. (Other), Salmela-Aro, K. (Other), Yajima, J. (Principal Investigator), Bakker, A. (Collaborator) & Bianchi, R. (Collaborator)

15/09/2023 → 31/03/2025

**GAPS: Silta tulevaisuuteen - Digitalisaation vaikutukset nuorten oppimiseen sekä tunteiden, aivojen ja sosiaalisen vuorovaikutuksen kehitykseen**

Salmela-Aro, K. (Project manager), Gale, J. (Participant), Mädamürk, K. (Participant), Ronkainen, I. A. (Participant), Sortheix, F. (Participant), Tang, X. (Participant), Toyama, H. (Participant), Veijonaho, S. (Participant), Vinni-Laakso, J. (Participant) & Yu, J. (Participant)

Suomen Akatemia Projektilaskutus

01/09/2017 → 31/08/2022

**Suuri kouluoppera! Kuinka koulu korjataan - Stora skolooperan! Hur fixas skolan**

Svanberg, T. K. (Project manager), Salmela-Aro, K. (Other), Huttunen, I. E. (Other) & Upadyaya, K. M. (Other)

01/01/2024 → 12/10/2025

**TeensGoGreen - Emotional, cognitive, behavioral and social consequences of climate change for youth development**

Salmela-Aro, K. (Project manager), Veijonaho, S. (Participant) & Yu, J. (Participant)

Academy of Finland

01/09/2021 → 31/08/2026

**TeensGoGreen - Emotional, cognitive, behavioral and social consequences of climate change for youth development  
Emotional, cognitive, behavioral and social consequences of climate change for youth development**

Salmela-Aro, K. (Project manager)

Academy of Finland

01/09/2024 → 31/08/2026

**Tuntuu järkevältä: Yritysjohattajien rationaaliset ja emotionaaliset haasteet siirtymässä biotalouteen**

Salmela-Aro, K. (Project manager)

SUOMEN AKATEMIA

01/01/2018 → 31/12/2020

**WELLS - Promoting university students' well-being and life-long learning**

Asikainen, H. (Project manager), Katajavuori, N. (Participant), Räihä, M. K. (Participant), Salmela-Aro, K. (Participant), Vehkalahti, K. (Participant), Tervaniemi, M. (Participant), Huutilainen, M. (Participant), Nieminen, J. (Participant),

Coertjens, L. (Participant), Yang, Y. (Participant), Kämper, E. O. O. (Participant), Lampinen, V. S. (Project manager) & Balla, V. (Project manager)  
01/01/2019 → ...

**ySKILLS: Youth skills**

Salmela-Aro, K. (Project manager), Alho, K. (Project manager), Mannerström, R. (Participant), Ylinen, A. Y. H. (Participant), Wikman, P. (Participant), Hietajärvi, L. (Participant), Leppänen, A. (Participant), Laakso, M.-J. (Participant), Sivula, E. (Participant), Salonen, V. (Project manager), Kuusinen, J. (Participant), Järvinen, J. (Project manager) & Maksniemi, E. (Principal Investigator)  
01/01/2020 → 31/12/2023