

Applied research studies¹ in Tartu Health Care College

¹ updated 21.05.2019

Ongoing applied research studies

Applied research study	Results
<p>2018–2023</p> <p>Marathon-related health conditions, preparing and recovery of nonprofessional participants (men, >45a)</p> <p>Principal Investigator: Ülle Parm, Anna-Liisa Tamm Teachers: Taimi Taimalu, Maire Aruots Students: Mai Maisla, Mariliis Tobrienski, Kelly Leppik, Heilis Veesaar, Johanna Treier, Ege-Elizabeth Kaldaru.</p> <p>Cooperation partners: Club Tartu Marathon (Andrads Laugamets), The North Estonia Medical Centre (Margus Viigimaa)</p>	<p>Data collecting and processing.</p>
<p>2018–2019</p> <p>Staphylococcus aureus and Methicillin - resistant Staphylococcus aureus carriage amongst first year students in Tartu Health Care College</p> <p>Principal Investigator: Marika Külm Teachers: Triin Aasmäe, Eerik Jõgi Students: Geivi Lember, Anna Šerstabojeva, Richard Vaher-Vahter</p>	<p>Final papers: Lember, G. (2019). Detecting Staphylococcus aureus and methicillin-resistant Staphylococcus aureus by the multiplex PCR method. Šerstabojeva, A. (2019). Staphylococcus aureus and methicillin-resistant Staphylococcus aureus carriage among first year students of Tartu Health Care College.</p>
<p>2017–2021</p> <p>Borrelia burgdorferi sensu lato distribution of species by region among ticks over the years.</p> <p>Principal Investigator: Eerik Jõgi Teacher: Mare Remm Students: Helen Jakoby</p>	<p>Poster presentation: Müller, M., Kruus, K., Sõsa, K., Jakoby, H., Remm, M., Jõgi, E. (2018). Borrelia burgdorferi sensu lato genotypes in Estonian countys ticks population. XIV Baltic Congress of Laboratory Medicine, Vilnius May 10-12. Jõgi, E., Remm, M. Kruus, K., Müller, M., Sõsa, K. (2017). Borrelia burgdorferi sensu lato genotypes in Estonian countys ticks population. NML Congress, October 5–7, Helsinki, Finland.</p> <p>Final paper: Jakobi, H. (2018). The distribution of Borrelia burgdorferi <i>sensu lato</i> in ticks from Jõgeva county during the activity period of questing ticks in 2017.</p>

	<p>Media coverage: Remm, M. (2018). Interview in radio MyHits FM (May 7)</p>
<p>2017–2019</p> <p>Tartu Health Care College, Kaunas College of Applied Sciences, and Fontys University of Applied Sciences physiotherapist curriculum students' assessment of their physical activity and their actual physical activity and abilities.</p> <p>Principal Investigator: Ivi Vaher Teachers: Laura Bauman (Lithuanian), Steven Onkelinx (Netherlands) Students: Edward Juhkam, Maria Tenno</p> <p>Cooperation partner: Kaunas College of Applied Sciences (Lithuanian), Fontys University of Applied Sciences (Netherlands)</p>	<p>Final papers: Juhkam, E. (will be defended in spring 2019). Physical abilities of the first year physiotherapist curriculum students in Tartu Health Care College and Kaunas College of Applied Sciences. Temmo, M. (will be defended in spring 2019). Physiotherapist curriculum students' assessment of their physical activity and their actual physical activity in Tartu Health Care College and Kaunas College of Applied Sciences.</p>
<p>2017–2019</p> <p>Teacher`s opinions of factors influencing hand washing behavior in the 2nd grade students of elementary schools at Tartu</p> <p>Principal Investigator: Siret Läänelaid Teacher: Piret Simm-Pärle Students: Külli Krevald, midwifery curriculum third year students</p>	<p>Final papers: Krevald, K. (2017). Factors that influence hand hygiene amongst the primary school pupils and health promoting handwashing programs.</p> <p>Science popularisation: Visiting Tartu elementary schools (6 schools) with students and teaching hand washing (for 23 classes).</p>
<p>2017-2019</p> <p>Parents attitude towards planned vaccination (follow-up project of Vaccination in Estonia).</p> <p>Principal Investigator: Ülle Parm, Anna-Liisa Tamm Students: Elisa Kender</p> <p>Cooperation partners: University of Tartu</p>	<p>Publication: Kender, E., Parm, Ü., Pöldver, N. (2018). Factors influencing vaccination behavior of Estonian parents. Research Articles and Conference Abstracts XII. Tartu Health Care College. Publisher: Paar OÜ, Tartu.</p> <p>Oral presentations: Kender, E., Parm, Ü., Pöldver, N. (2018). Parental beliefs and behaviour towards vaccination in Estonia. Tartu Health Care College Scientific Conference „Healthy Body, Healthy Mind Full of Knowledge“, November 22. Parm, Ü. (2018). Parental beliefs and behaviour towards vaccination in Estonia. Summer seminar held by Estonian Society for Infection Control, August 16.</p> <p>Final paper: Kender, E. (2018). Parental beliefs and behaviour towards vaccination in Estonia.</p>

	<p>Media coverage: Kender, E. (2018). Overview of thesis (Parental beliefs and behaviour towards vaccination in Estonia) in Postimees issued in June 2018.</p> <p>Recognition: Kender, E. (2018). Estonian Rectors' Conference of Universities of Applied Sciences award for the best graduation thesis in 2018. Kender, E. (2018). Best bachelor level thesis in the field of medicine (Ministry of Education and Research).</p>
<p>2017–2018</p> <p>Specialised nurses' and nurses' assessment and professional use of their competencies</p> <p>Principal Investigator: Eve-Merike Sooväli Teacher: Liina Animägi Students: Maarja-Liisa Keskküla, Aile Sumberg</p>	<p>Oral presentation: Sooväli, E.-M. (2018). Specialised nurses' assessment and professional use of their competencies. Science conference „Healthy Body, Healthy Mind of Knowledge“, November 22.</p> <p>Final papers: Keskküla, M-L. (2017). The role and competencies of the clinical nurse specialist. Sumberg, A. (2019). Competencies and roles of primary care advanced practice nurses.</p>
<p>2016–2020</p> <p>Health-related aspects of police work (follow-up project of Health behavior and health indicators of professional salvors (firefighters)).</p> <p>Principal Investigators: Anna-Liisa Tamm, Ülle Parm Teachers: Janika Pael Students: Ksenia Parkova, Olga Bazukova, Kersti Undrits, Georgi Ivanov, Kristiina Kägu, Karina Romanova</p> <p>Cooperation partners: Estonian Rescue Board (Kairi Rikko), Police and Border Guard Board (Helen Perli)</p>	<p>Publications: Tamm, A.-L., Parm, Ü., Pael, J., Undrits, K. (2017). Health related aspects in police work. Research Articles and Conference Abstracts XII. Tartu Health Care College. Publisher: Paar OÜ, Tartu.</p> <p>Oral presentation: Tamm, A.-L., Parm Ü., Barkova, K., Bazhukova, O., Undrits, K., Pael, J. (2018). Tartu Health Care College Scientific Conference “Healthy Body, Healthy Mind Full of Knowledge”, November 22. Undrits, K. (2017). Health related aspects in police work. Tartu Health Care College International Student Conference in health sciences „Health in our Hands“, November 23.</p> <p>Poster presentations: Parm, Ü., Tamm, Barkova, K., Bazhukova, O. (2018). The health behaviour of Estonian police officers. “The 13th European Academy of Occupational Health Psychology Conference” September 5-7 in Lisbon, Portugal. Europress, Industria Grafica, Lda, 459-460. Tamm, A.-L., Parm, Ü., Pael, J., Undrits, K. (2018). Health related aspects in police work. “The 13th European Academy of Occupational Health Psychology Conference” September 5-7 in Lisbon, Portugal. Europress, Industria Grafica, Lda, 376-377. Tamm, A.-L., Parm, Ü., Pael, J., Undrits, K. (2017). Health related aspects in police work. Tartu</p>

	<p>Health Care College International Student Conference in health sciences „Health in our Hands", November 23.</p> <p>Final paper: Undrits, K. (2017). Health related aspects in police work.</p>
<p>2016-2020</p> <p>Water quality of private wells</p> <p>Principal Investigator: Triin Veber Students: Maarja-Liis Metsla, Monika Aasmaa, Age Vene, Elise Vider</p> <p>Cooperation partners: Health Board</p>	<p>Final paper: Metsla, M-L. (2017). Private well water quality, the health protection requirements of Põlva country.</p>
<p>2016–2019</p> <p>Planned vaccination in Estonia</p> <p>Principal Investigator: Ülle Parm Teachers: Anna-Liisa Tamm Students: Karmen Kõlamets, Elisa Kender</p> <p>Cooperation partners: Estonian Health Board, Tartu University Department of Microbiology, Tartu University Hospital Women’s Clinic, OÜ Anu Vasar Family Doctor practice</p>	<p>Publication: Kõlamets, K. (2017). Educational movie „Routine vaccination in Estonia“, segment on epidemiology of infectious diseases. Research Articles and Conference Abstracts XI. Tartu Health Care College. Publisher: Paar OÜ, Tartu.</p> <p>Poster presentations: Kõlamets, K. (2017). Educational movie „Routine vaccination in Estonia“, segment on epidemiology of infectious diseases. Tartu Health Care College International Student Conference “Health in our hands“, November 23.</p> <p>Final papers: Kõlamets, K. (2017). Educational movie „Routine vaccination in Estonia“, segment on epidemiology of infectious diseases.</p> <p>Media coverage: Parm, Ü., Kõlamets, K. (2017). The benefits of vaccination outweigh the risks. Tartu Health Care College webzine Tervist!, issued in November.</p> <p>Recognition: Kõlamets, K. (2017). 3rd place in International Student Competition. Kõlamets, K. (2017). Estonian Rectors’ Conference of Universities of Applied Sciences award for the best graduation thesis in 2017.</p>
<p>2016–2019</p> <p>Learning and the factors influencing it during the internship.</p>	<p>Publication: Urban, R., Lillepuu, M. (2018). Nursing students’ experience of supervision during clinical internship. Research Articles and Conference Abstracts XII. Tartu Health Care College.</p>

<p>Principal Investigator: Reet Urban Teachers: Anne Vahtramäe, Marge Mahla, Tiina Kukkes Students: Alina Mihailova, Astra Puusepp, Ele Mägi, Jelena Kürsa-Sidharthan, Merli Lillepuu</p> <p>Cooperation partner: East-Tallinn Central Hospital</p>	<p>Publisher: Paar OÜ, Tartu.</p> <p>Oral presentation: Urban, R. (2018). Student learning during practical training in working. Tartu Health Care College Scientific Conference “Healthy Body, Healthy Mind Full of Knowledge”, November 22.</p> <p>Final papers: Lillepuu, M. (2017). Tartu Healthcare College third-year nursing student’s experiences of supervision in clinical learning practise. Mihailova, A., Puusepp, A. (2016). The views of second-year nursing students of Tartu Health Care College on the physical and psychosocial learning environment of clinical practical training. Kürsa-Sidharthan, J., Mägi, E. (2016). Tartu Healthcare College second-year nursing students’ assessment of mentoring process in clinical learning practice.</p>
<p>2016–2019</p> <p>Estonians’ drinking water consumption habits.</p> <p>Principal Investigator: Kristi Vahur Teachers: Inga Ploomipuu, Helen Udras, Ivi Vaher Students: Eleri Pastak, Kertu Keir, Nele Neeme</p>	<p>Publications: Vahur, K., Udras H., Vaher, I., Pastak, E., Keir, K., Neeme, N. (2018). Bottled Water in Tartu Health Care College in Tartu Health Care College Research articles and Conference Abstracts XII, pp 190-191. Pastak, E., Vahur, K. (2017). Estonians’ drinking water consumption habits and opinion about possible health hazards of bottled water. Research Articles and Conference Abstracts. Tartu Health Care College Collection XI, pp 59-70.</p> <p>Oral presentations: Vahur, K. (2018). Bottled Water, Tartu Health Care College Scientific Conference “Healthy Body, Healthy Mind Full of Knowledge”, November 22.</p> <p>Media coverage: Educational video about bottled water (2018).</p> <p>Final papers: Keir, K. (2018). Microbiological Quality of Bottled Water. Neeme, N. (2018). Exercising Habits Among Estonians and Hydration Levels During a Session. Pastak, E. (2017). Estonians’ drinking water consumption habits and opinion about possible health hazards of bottled water.</p>
<p>2016–2018, extended until the end of 2019</p> <p>Evaluation of the condition of rectus abdominis and pelvic floor</p>	<p>Publications: Sillaste, M., Linkberg, R., Nurmsalu, H., Sokk, J., Lilleste, L., Talk, K., Animägi, L. (2017). The effect of vaginal delivery of primiparous woman on the condition of her pelvic floor muscles.</p>

muscles after delivery.

Principal Investigator: Reet Linkberg

Teacher: Marge Mahla

Students: Annika Allik, Karina Talk, Marilin Sillaste, Maria Mekk, Karin Sarv, Lisel Lilleste (TU), Anna Ivanova (TU), Helena Post (TU)

Cooperation partners: Abdominal Clinic; Tartu University, Institute of Sports Sciences and Physiotherapy

Research Articles and Conference Abstracts. Tartu Health Care College Collection XI. Tartu: Paar OÜ, pp 15-29.

Allik, A., Linkberg, R. (2016). Pregnancy related pelvic girdle pain, its physiotherapeutic assessment and intervention. Tartu Health Care College Collection of Research Studies X. Tartu: Paar OÜ, pp 257-265.

Talk, K., Linkberg, R. (2016). The prevention and postnatal correction of pregnancy-induced diastasis rectus abdominis with therapeutic exercises. Tartu Health Care College Collection of Research Studies X. Tartu: Paar OÜ, pp 88-102.

Sarv, K., Linkberg, R. (2015). The efficiency of pelvic floor muscle training on urinary incontinence during pregnancy and after childbirth. Tartu Health Care College Collection of Research Studies IX. Tartu: Paar OÜ, pp 236-246.

Oral presentations:

Talk, K. (2017). The prevention and postnatal correction of pregnancy-induced diastasis rectus abdominis with therapeutic exercises. Great Poland Day of Physiotherapy.

Poster presentations:

Talk, K., Linkberg, R. (2016). The prevention and postnatal correction of pregnancy-induced diastasis rectus abdominis with therapeutic exercises. Tartu Health Care College Scientific Conference "Healthy Body, Healthy Knowledge" on November 24.

Lilleste, L., Linkberg, R., Sökk, J., Nurmsalu, H. (2016). Multipara female pelvic floor muscle 36 months after vaginal delivery. Scientific Conference of Tartu University Medical Faculty.

Media coverage:

Can childbirth harm women's delicate muscles? Tartu Postimees issued on 22.02.2017 (Aime Jõgi).

Final papers:

Talk, K. (2018). Relation between pregnancy-induced lumbopelvic pain and diastasis rectus abdominis in postpartum women. University of Tartu, final paper of master's degree.

Ivanova, A. (2017). Pelvic organ prolapse in female and physiotherapy.

Sillaste, M. (2017). The effect of first vaginal delivery on the condition of the pelvic floor muscles.

Allik, A. (2016). Pregnancy related pelvic girdle pain, its physiotherapeutic assessment and intervention.

Talk, K. (2016). The prevention and postnatal correction of pregnancy-induced diastasis rectus abdominis with therapeutic exercises

Sarv, K. (2015). The efficiency of pelvic floor muscle training on urinary incontinence during

	pregnancy and after childbirth.
<p>2014–2020</p> <p>Compiling methodological guidelines and a manual for biomedical laboratory scientists' study labs.</p> <p>Principal Investigator: Mare Remm</p> <p>Teachers: Evi Aotäht, Mai Treial, Anneli-Raave Sepp, Aivar Orav, Eerik Jõgi, Marika Külm, Triin Aasmäe</p> <p>Students: Kaire Moorlat, Anneli Karus, Egle Lepla, Eleri Priks, Erik Selge, Olga Pilitsina, Hannaliis Leping, Tanita Tähe ja Anni Tammela, Anni-Helene-Elisabeth Asso, Eret Luik, Hanna Sepp, Kätlin Karlson, Reimo Lehtmets, Olga Mamošina, Elis Oja, Carina Platonova, Marina Stepanenkova, Kristina Pärnaste, Kadri-Eise Lasn, Helen Roosiväli</p> <p>Cooperation partner: SA Tartu University Clinic Pathology Cervice</p>	<p>Publications:</p> <p>Remm, M., Treial, M., Jõgi, E., Külm, M., Aasmäe, T., Raave-Sepp, A., Aotäht, E. (2018). Compiling methodical instructions and a handbook for the study laboratory of biomedical scientists in Tartu Health Care College in Tartu Health Care College Research articles and Conference Abstracts XII.</p> <p>Pilitsina, O., Tamm, H., Remm, M. (2016). Diagnostics of pathological changes in the cervix. Electronic Handbook.</p> <p>Oral presentations:</p> <p>Remm, M., Aotäht, E., Külm, M., Aasmäe, T., Raave-Sepp, A., Treial, M., Jõgi, E., Orav, A. (2018). Methodological guidelines for laboratory and their placing in the quality system of laboratory“ in Tartu Health Care College Scientific Conference „Healthy Body, Healthy Mind Full of Knowledge“, November 22.</p> <p>Sepp, H. (2017). Preparation of the guide of a urine microbiological sampling. Conference of Association of Estonian Biomedical Laboratory Scientists, Tartu, November 11.</p> <p>Raave-Sepp, A., Leple, E., Priks, E. (2014). Methodological guidelines for biomedical laboratory scientists' study labs at the workshop “Biomedical scientist's day after tomorrow”. Tartu Health Care College conference “Healthy Body, Healthy Knowledge”, November 21.</p> <p>Poster presentation:</p> <p>Remm, M., Jõgi, E., Külm, M., Aotäht, E., Aasmäe, T., Treial, M., Raave-Sepp, A., Orav, A. (2018). COMPILING A HANDBOOK OF METHODICAL INSTRUCTIONS OF STUDY LABORATORY FOR BIOMEDICAL SCIENTISTS IN TARTU HEALTH CARE COLLEGE. XIV Baltic Congress of Laboratory Medicine Vilnius, May 10-12.</p> <p>Final papers:</p> <p>Platonova, C. (2018). The guide for identification of Staphylococcus spp in mikrobiological laboratory of Tartu Health Care College.</p> <p>Oja, E. (2018). Complileing the guide for histological staining of kidney tissue for using in patology laboratory of Tartu Health Care College.</p> <p>Stepanenkova, M. (2018). The guide for isolation and identification of Salmonella spp from clinical materials.</p> <p>Mamošina, O. (2018). The guide for liver histology staining for usage in Tartu Health Care College pathology laboratory.</p> <p>Mamošina, O. (2017). The guide for liver histology staining for usage in Tartu Health Care College pathology laboratory</p> <p>Lehtmets, R. (2017). The methodological guide for dna extraction from human whole blood for</p>

	<p>usage in Tartu Health Care College molecular diagnostics laboratory.</p> <p>Karlson, K. (2017). The methodological guide for factor v leiden mutation for usage in Tartu Health Care College genetics and molecular diagnostics laboratory</p> <p>Sepp, H. (2017). The methodological guide for urine microbiological analyse for usage in the microbiology laboratory of Tartu Health Care College</p> <p>Luik, E. (2017). The guide for elastic fibers staining method to be used in Tartu Health Care College laboratory training.</p> <p>Asso, A.H.E. (2017). Evaluation for suitability of an educational movie "abo ja rh (d) blood typing on bio-rad geltechenique"</p> <p>Leping, H. (2016). The methodological guide for van gieson method for usage in Tartu Health Care College pathology laboratory.</p> <p>Selge, E. (2016). Erythrocyte sedimentation rate guide using cappillary blood for Tartu Health Care College.</p> <p>Tammela, A., Tähe, T. (2016). Educational movie and picture collection about urine sediment microscopy for learning process.</p> <p>Karus, A. (2015). Compilation of methodological guides – for the determination of abo/rh(d) and red blood cell antibody screening.</p> <p>Lepa, E., Priks, E. (2015). Educational urinalysis films.</p> <p>Pilitsina, O. (2015). Diagnostics of pathological changes in the cervix.</p>
<p>2013–2018, exented until the end of 2019</p> <p>Use of child car safety equipment in Estonia.</p> <p>Principal Investigator: Inga Ploomipuu</p> <p>Teacher: Kristi Vahur</p> <p>Students: Elen Pabo, Valerija Strelovskaja, Ketlin Sangla</p> <p>Cooperation partner: Estonian Road Administration</p>	<p>Publications:</p> <p>Vahur, K., Ploomipuu, I., Sangla, K. (2015). Parents' awareness of using child safety seats (Group I) in cars. Tartu Health Care College Collection of Research Studies IX.</p> <p>Vahur, K., Ploomipuu, I. (2015). Overview of research study: use of child safety equipment in cars in Estonia, Tartu Health Care webzineTervist!, 6, 15 - 17.</p> <p>Pabo, E., Strelovskaja, V., Ploomipuu, I., Kuuspalu, K. (2014). Use of safety equipment groups 0 to 0+ in Estonia. Tartu Health Care College Collection of Research Studies VIII.</p> <p>Oral presentations:</p> <p>Vahur, K., Ploomipuu, I. (2016). Child care safety equipment. Tartu Health Care College Scientific Conference “Healthy Body, Healthy Knowledge” November 24.</p> <p>Pabo, E., Strelovskaja, V. (2014). Use of child safety equipment in Estonia. At the environmental health curriculum workshop “Ensuring health and safety” at Tartu Health Care College conference “Healthy Body, Healthy Knowledge” November 21.</p> <p>Media coverage:</p> <p>Mother found the topic for final paper when choosing an infant carrier for her child. Tartu Postimees issued on 05.10.2015 (Aime Jõgi).</p>

	<p>Final papers: Pabo, E., Strelovskaja, V. (2014). Use of safety equipment groups 0 to 0+ in Estonia. Sangla, K. (2015). Parents' awareness of using child safety seats (Group I) in cars.</p> <p>Science popularisation: Pabo, E., Strelovskaja, V. In cooperation with Estonian Road Administration participation in events on safety equipment in kindergartens in spring 2014. Pabo, E., Sangla, K. (2015 and 2016). Child Seat Safety Awareness training course (4 trainings, 47 participants). Pabo, E. (2017). Child Seat Safety Awareness training course (4 trainings, 49 participants).</p>
<p>2013–2016, extended until the end of 2019</p> <p>Impact of coffee and vegetarian diet to lab markers of blood and bone density</p> <p>Principal Investigator: Ülle Parm Teachers: Anna-Liisa Tamm (Parm), Aivar Orav Students: Triin Matvejev, Sandra Sokman, Petramarion Vesterinen, Sigrít Ülper, Kata Pedamäe, Nele Šott, Kadri Jakoobi, Liina Lattik, Merit Müller, Piret Mihkelson, Eleinika Jallajas, Anni Sepp.</p> <p>Cooperation partners: Tartu University Faculty of Exercise and Sports Science, Prof Jaak Jürimäe, Jarek Mäestu, Evelin Lätt</p>	<p>Publications: Tamm, A.-L., Jürimäe, J., Orav, A., Lätt, E., Dugin S., Šott, N., Parm, Ü. (2018). Coffee Consumption is not Associated with Osteoporosis in Adult Estonians. <i>Preventive Medicine and Hygiene Open Access</i>, 1 (1), 1-9. Mihkelson, P., Orav, A., Parm, Ü., A.-L. (2017). Influence of vegetarian diet, body mass index and body fat percentage on the factors associated with metabolic syndrome in women. <i>Tartu Health Care College Collection of Research Studies XI</i>, 324-325. Tartu: Paar OÜ. Parm, Ü; Jürimäe, J; Orav, A; Lätt, E; Sokmann, S; Pedamäe, K; Mihkelson, P; Tamm, A-L. (2015). Influence of vegetarian diet to the factors associated with metabolic syndrome. <i>Journal of Advanced Nutrition and Human Metabolism</i>, 1(1): 1 - 8. Lattik, L., Parm, Ü., Tamm, A-L. (2015). Consumption of coffee and its correlation to age, chronic diseases and physical activity. <i>Tartu Health Care College Collection of Research Studies IX</i>, 30-48. Tartu: Paar OÜ. Orav, A., Müller, M. (2015). Apoproteins A1 and B comparative relations to LDL-, HDL- and total cholesterol. <i>Tartu Health Care College Collection of Research Studies IX</i>, 67-76. Tartu: Paar OÜ. Parm, A-L., Orav, A., Jürimäe, J., Lätt, E., Ülper, S., Parm, Ü. (2014). Coffee consumption is not an important risk factor for low femoral neck bone mineral density. <i>International Journal of Community Nutrition</i>. Vol 0, (Supplement): 102. Ülper, S., Parm, Ü., Tamm, A.-L. (2014). Impact of coffee consumption to bone density. <i>Tartu Health Care College Collection of Research Studies VIII</i>, 138-151. Tartu: Paar OÜ Šott, N., Parm, Ü., Tamm, A.-L. (2014). Impact of coffee consumption to BMI, fat percentage, fat-free mass and fat mass, including in case of chronic diseases, <i>Tartu Health Care College Collection of Research Studies VIII</i>, 151-165. Tartu: Paar OÜ. Pedamäe, K., Tamm, A.-L., Parm, Ü. (2014). Impact of vegetarian diet to BMI, body fat percentage, fat mass and fat-free mass. <i>Tartu Health Care College Collection of Research Studies VIII</i>, 166-183. Tartu: Paar OÜ. Sokmann, S., Parm, Ü., Orav, A. (2014). Impact of vegetarianism and coffee consumption to</p>

risk of metabolic syndrome. Tartu Health Care College Collection of Research Studies VIII, 184-200. Tartu: Paar OÜ.

Matvejev, T., Parm, Ü., Orav, A. (2014). Iron deficiency anemia and megaloblastic anemia in vegetarians. Tartu Health Care College Collection of Research Studies VIII, 201-215. Tartu: Paar OÜ.

Oral presentations:

Parm, Ü., Kärk, K., Tamm, A.-L. (2018). Factors Affecting Leisure Time Physical Activity and it's Relationship with Chronic Diseases. International Conference on Public Health, March 22-23, Sri Lanka, Colombo.

Mihkelson, P., Parm, Ü., Orav, A. (2017). Influence of vegetarian diet, body mass index and body fat percentage to the factors associated with metabolic syndrome in women. Tartu Health Care College International Student Conference in health sciences „Health in our Hands”, November 23.

Parm, Ü., Tamm, A.-L. (2014). Impact of vegetarianism to bone density and coffee consumption. Tartu Health Care College conference “Healthy body, healthy knowledge”, November 21.

Poster presentations:

Parm, Ü., Jakoobi, K., Jürimäe, J., Lätt, E., Orav, A., Tamm, A.-L. (2016). Physical Activity And Bone Mineral Density. The International Congress on Physical Activity and Public Health. Bangkok, Tai, 16-19 Nov 2016.

Parm, Ü., Pedamäe, K., Jürimäe, J., Lätt, E., Orav, A., Tamm, A.-L. (2015). The reasons for vegetarianism in Estonia and its effects to body composition. International Conference on Human Nutrition and Food Sciences. Roma, Italy, September 17-18.

Tamm, A.-L., Šott, N., Jürimäe, J., Lätt, E., Orav, A., Parm, Ü. (2015). The impact of coffee consumption to body mass index and body composition. International Conference on human Nutrition and Food Sciences. Roma, Italy, September 17-18.

Tamm, A.-L., Orav, A., Jürimäe, J., Lätt, E., Ülper, S., Parm, Ü. (2014). Coffee consumption is not an important risk factor for low femoral neck bone mineral density. III World Congress of Public Health Nutrition. Gran Canaria, Spain, November 9-12.

Media coverage:

Tamm, A.-L. (2018). Participating in Estonian Public Broadcasting talkshow – discussion about vegetarian diet and results of applied research study.

Parm, Ü., Tamm, A.-L. (2016). Estonian vegetarians do not live healthier than not vegetarians. *Postimees*, 20.10.

Research study indicates poor condition of bones. Tartu *Postimees*. 28.03.2013 (Marju Himma). Vegetarians' bones are in dangerous condition. *Postimees*. 2014.12.3 (Triin Ärm).

	<p>A training person may drink coffee without worrying. <i>Postimees</i>. 3.12.2014 (Triin Ärm).</p> <p>Final papers: Mihkelson, P. (2016). Influence of vegetarian diet, body mass indeks and body fat percentage to the factors associated with metabolic syndrome in aomen. Jallajas, E. (2015). Vegetarian health behavior. Sepp, A. (2015). Serum Iron and Total Iron-Binding Capacity Method Verification with BS-120 Chemistry Analyzer Müller, M. (2015). Apoproteins A1 and B comparative relations to LDL-, HDL- and total choleresol. Lattik, L. (2015). Consumption of coffee and its correlation to age, chronic diseases and physical activity Jakoobi, K. (2015).Relation of physical activity and adipocytokines to bone density Matvejev, T. (2014). Iron deficiency anaemia and megaloblastic anaemia in vegetarians. Sokman, S. (2014). Impact of vegetarian diet and coffee consumption to risk of metabolic syndrome. Vesterinen, P. (2014). Impact of vegetarianism to bone density. Ülper, S. (2014). Coffee consumption and bone density. Pedamäe, K. (2014). Impact of vegetarian diet to BMI, body fat percentage, fat mass and fat-free mass. Šott, N. (2014). Impact of coffee consumption to BMI, fat percentage, fat-free mass and fat mass, including in case of chronic diseases.</p> <p>Recognition: Parm, Ü., Kärk, K., Tamm, A.-L. (2018). Best oral presentation in Health section at the International Conference on Public Health, March 22-23, Sri Lanka, Colombo. Mihkelson, P., Parm, Ü., Orav, A. (2017). Best oral presentation and Synlab Ltd special prize (Influence of vegetarian diet, body mass index and body fat percentage to the factors associated with metabolic syndrome in women) at Tartu Health Care College International Student Conference „Health in our hands“,November 23.</p>
<p>2011–2018, extended until the end of 2021</p> <p>Assessment of the 3-month effect of support taping aid to correcting 5- to 8-year-olds' <i>genu valgum</i> and longitudinal foot arch.</p> <p>Principal Investigator: Anna-Liisa Tamm (Parm) Teachers: Reet Linkberg, Ivi Vaher, Arved Vain (Tartu University) Students: Mari-Liis Luukas, Maaria Pielberg, Laura Laanesaar, Eva</p>	<p>Publications: Tamm, A.-L., Linkberg, R., Vaher, I., Luukas, M.-L., Pielberg, M., Nigulas, E., Pertel, K., Satsi, K., Vain, A. (2018). Development of garment with elastic straps and pressure applicator in mechanotherapy to correct children`s genu valgum. <i>International Physical Medicine & Rehabilitation Journal</i>, 3 (3), 198–202. Nigulas, E. Laanesaar, L., Vain, A., Tamm, A.-L., Linkberg, R.(2015). Possibility of using garment with elastic straps and pressure applicator in mechanotherapy to correct pre-school children's <i>genu valgum</i>. <i>Tartu Health Care College Collection of Research Studies IX</i>, pp 49-66.</p>

Nigulas, Kärt Satsi, Karoliina Pertel.

Cooperation partners: Tartu University, Keila Rehabilitation Centre, Empatrax OÜ (2011–2013), Gadox AS (2011–2013), The Health Clinic since 2015

Tamm, A.-L., Linkberg, R. (2015). Supportive garment correct pre-school childrens legs. Tartu Health Care College webzine *Tervist!* 9: 15.

Oral presentation:

Nigulas, E. (2016). Survetundlike komponentidega retuusid. Tartu Health Care College scientific conference “Healthy Body, Healthy Knowledge”, November 24.

Final papers:

Satsi, K., Pertel, K. (2017). Monitoring mechanotherapeutic treatment on the basis of the signal from the pressure sensors

Laanesaar, L., Nigulas, E. (2015). Possibility of using garment with elastic straps and pressure applicator in mechanotherapy to correct pre-school children's *genu valgum*. Brief introduction of the final paper can be found here: <https://www.youtube.com/watch?v=VbaDsl4qRZ8>

Luukas, M-L. (2013). Impact of wearing supportive elastic garment to 5-7-year-olds' *genu valgum* in lower limbs.

Pielberg, M. (2013). Effect of using garment with pressure and elastic components to muscles in correcting *genu valgum* in 5-7-year-olds.

Media coverage:

By playing, supportive garment help to correct childrens legs, 2016. Magazine of Univeristy of Tartu (M. Merisalu)

Supportive garment got thourgh the trials, 2015. Postimees, 24.09.2015 (Aime Jõgi)

Supportive garment help to correct childrens legs, 2015. Pärnu city newspaper 4.12.2015

Supportive garment make your legs straight, 2013. Postimees, 13.11.2013 (Aime Jõgi)

Recognition:

Laanesaar, L., Nigulas, E. final paper " Possibility of using garment with elastic straps and pressure applicator in mechanotherapy to correct pre-school children's *genu valgum*." received second place “ at the European Network of Physiotherapy in Higher Education annual conference in Belgium (Sept 19 2015).

Patented invention (2015): Mechanotherapy device and measurement method. Owner: Tartu Health Care College, Tartu University; Authors: Arved Vain, Reet Linkberg, Ivi Vaher, Anna-Liisa Tamm; Invention Patent Priority no: 1403692.5

Completed research studies

Applied research study	Results
<p>2017–2018</p> <p>Students' mobility and the factors affecting student mobility.</p> <p>Principal Investigator: Reet Urban Teacher: Anna-Liisa Tamm</p> <p>Cooperation partner: Jamaica University of Technology</p>	<p>Data were collected and analyzed in 2017–2018. Based on the results, an e-learning module has been developed to support the adaptation of exchange students.</p>
<p>2016–2018</p> <p>Health behavior and health indicators of professional salvors (firefighters).</p> <p>Principal Investigator: Ülle Parm Teachers: Anna-Liisa Tamm, Kristi Vahur, Ave Kutman, Ivi Vaher, Aleksandra Josiptšuk Students: Georgi Ivanov, Krista Maier, Sandra Muraševa, Deivi Nool, Kristina Kägu, Karina Romanova, Krista Maier.</p> <p>Cooperation partner: Estonian Rescue Board</p>	<p>Publications: Muraševa, S., Parm, Ü., Tamm, A.-L. (2017). Firefighters` health and use of personal protective equipment. Research Articles and Convergence Abstracts XII. Tartu Health Care College. Publisher: Paar OÜ, Tartu.</p> <p>Oral presentations: Muraševa, S. (2017). Firefighters` health and use of personal protective equipment. Tartu Health Care College International Student Conference in health sciences „Health in our Hands", November 23.</p> <p>Final papers: Nool, D. (2017). The health behavior of people in Estonian rescue services. Romanova, K., Kägu, K. (2017). Firefighters' health risks and their prevention. Muraševa, S. (2017). Firefighters` health and use of personal protective equipment. Ivanov, G (2016). Tasks of rescue workers and the necessity of physical training.</p> <p>Recognition: Muraševa, S. (2017). 3rd place in International Student Conference Competition.</p>
<p>2015-2018</p> <p>Speciality and Curriculum of Environmental Health in Europe.</p> <p>Principal Investigator: Inga Ploomipuu, Ave Kutman Teachers: Triin Veber, Marika Külm (2015) Students: Arina Kozatšuk, Keili Horn, Kelly Laid, Janne Nurme</p>	<p>Final papers: Horn, K. (2016). Environmental Health Systems in the example of Estonia, Finland, Germany and Portugal. Kald, K. (2016). Environmental Health Systems in Europe in the example of Estonia, Lithuania, Croatia and Ireland. Nurme, J. (2016). Environmental Health Systems in Estonia, Latvia, Slovenia and France. Kozatšuk, A. (2015). Environmental Health Systems in the example of eight countries in Europe.</p>

<p>Cooperation partner: International Federation of Environmental Health</p> <p>2015–2017</p> <p>Midwives' perceptions of, attitudes to, experiences and techniques in case of normal delivery in delivery wards in hospital in Estonia.</p> <p>Principal Investigator: Siiri Põllumaa Students: Kadri Niin, Triinu Trossmann</p> <p>Cooperation partner: Estonian Midwives Association</p>	<p>Publication: Põllumaa, S., Niin, K., Trossmann, T. (2017). The attitudes and experiences concerning normal childbirth among Estonian labour ward midwives. Research Articles and Conference Abstracts. Tartu Health Care College Collection XI, pp 30-48.</p> <p>Oral presentations: Põllumaa, S. (2017). The attitudes, experiences and practices concerning normal childbirth among Estonian delivery ward midwives. ICM 31st Triennial Congress, Toronto, Canada, June 22. Põllumaa, S., Niin, K., Trossmann, T. (2017). Midwives' attitudes to and experiences in case of normal delivery in delivery wards in hospital in Estonia. Estonian Midwives Association conference „The ancient wisdom of the midwives and the present knowledge ", May 5. Niin, K., Trossmann, T., Põllumaa, S. (2016). Midwives' attitudes to and experiences in case of normal delivery in delivery wards in hospital in Estonia. Tartu Health Care College Scientific Conference “Healthy Body, Healthy Knowledge” November 24.</p> <p>Poster presentation: Põllumaa, S., Niin, K., Trossmann, T. (2016). The attitudes, experiences and practices concerning normal childbirth among Estonian delivery ward midwives. Estonia 2016. 5th European Midwives Association Education Conference „Midwifery Education for the 21st century – innovations in education, practice and regulation. London, December 2-3.</p> <p>Final paper: Niin, K., Trossmann, T. (2017). The attitudes and experiences concerning normal childbirth among Estonian labour ward midwives.</p> <p>Recognition: II Prize at the National Student Research Competition.</p>
<p>2014–2016</p> <p>Perceptions of professionalism among qualified radiographers and radiography students.</p> <p>Principal Investigator: Valeria Challen Teachers: Zinaida Läänelaid, Tiina Kukkes</p> <p>Cooperation partners: Oulu University of Applied Sciences (Anja Henner), Helsinki Metropolia University of Applied Sciences (Eija</p>	<p>Publications: Kukkes, T., Sa dos Reis, C., Metsala, E., Meystre, N., R., Pires Jorge, J.A., Henner, A. (2017). Clinical practice and training needs in mammography: radiographer perspectives. Research Articles and Conference Abstracts. Tartu Health Care College Collection XI, pp 49-58. Challen, V., Läänelaid, Z., Kukkes, T. (2016). A qualitative study of perceptions of professionalism amongst radiography students. Radiography, XXX, pp 1-7.</p> <p>Oral presentations: Kukkes, T. (2016). What is the professionalism of the radiographers? Tartu Health Care College Scientific Conference “Healthy Body, Healthy Knowledge” November 24.</p>

<p>Metsälä), University of Applied Sciences and Arts Western Switzerland (Jose Pires Jorge), University of Applied Sciences and Arts Western Switzerland (Nicole Richli Meystre), Instituto Politecnico de Lisboa (Claudia Sã dos Reis)</p>	<p>Kukkes, T. (2016). Perceptions of professionalism among radiography students. Estonian Society of Radiographers seminar, September 17. Kukkes, T. (2016). First year radiography students' perceptions of professionalism. European Congress of Radiology March 2.-6. Challen, V. Perceptions of professionalism among qualified radiographers and radiography students. Baltic Radiology Congress, Pärnu, October 10.-11.</p>
<p>2014–2015</p> <p>Perspectives of biomedical science as a speciality in Estonia.</p> <p>Principal Investigator: Mare Remm Teacher: Aivar Orav</p> <p>Cooperation partner: Association of Estonian Biomedical Laboratory Scientists (Pille Mee)</p>	<p>Oral presentation: Remm, M. (2015). Perspectives of biomedical science as a speciality in Estonia. Association of Estonian Biomedical Laboratory Scientists Annual Conference.</p> <p>Poster presentations: Remm, M., Mee, P., Orav, A. (2016). Vision for Biomedical Scientists in Estonia. Tartu Health Care College Scientific Conference „Healthy body, healthy knowledge“, November 24. Remm, M., Mee, P., Orav, A. (2014). Vision for Biomedical Scientists in Estonia. Conference of European Association for Professions in Biomedical Science, Dublin, October 15.</p>
<p>2014</p> <p>Supervision and what it means for the teacher</p> <p>Principal Investigator: Reet Urban Teachers: Eve-Merike Sooväli, Kersti Viitkar</p>	<p>Publications: Urban, R., Sooväli, E.-M., Viitkar, K. (2014). Supervision and what it means for the teacher. Tartu Health Care College Collection of Research Studies VIII (121-137).</p> <p>Presentations: Urban, R.; Sooväli, E.-M.; Viitkar, K. (2014). Supervising a student - what does it mean for the teacher? 10th European Federation of Nurse Educators' International Conference "Nursing Education and Nursing Care - Which Future", September 24-24, Nancy, France. Urban, R.; Sooväli, E.-M.; Viitkar, K. (2015). Teacher's emotions and feelings in the process of supervising. In: 8th INTERNATIONAL SCIENTIFIC CONFERENCE Health care professions and their response to the health care needs of society: an evidence-based and coordinated action: 8th International Scientific Conference: health care Professions and their response to the health care needs of society: an evidence-based and coordinated action, June 11-12, Bled, Slovenia.</p>
<p>2013–2017</p> <p>Prevalence of <i>B. burgdorferi</i> sensu lato and different genotypes in ticks collected from counties in Estonia.</p> <p>Principal Investigator: Eerik Jõgi Teacher: Mare Remm Students: Maarja Ader, Kaitel Kruus, Kristiina Sõsa, Anett Välimets, Kätlin Kruusaaug</p>	<p>Publication: Ader, M., Jõgi, E. (2014). Ticks density, prevalence of <i>B. burgdorferi</i> sensu lato and different genotypes in ticks collected from Pärnu and Valga counties in Estonia. Tartu Health Care College Collection of Research Studies VIII. Tartu: Paar OÜ, pp 9-23.</p> <p>Poster presentations: Jõgi, E., Remm, M. Kruus, K., Müller, M., Sõsa, K. (2017). Borrelia burgdorferi sensu lato genotypes in Estonian countys ticks population. NML Congress, October 5–7, Helsinki, Finland. Jõgi, E. (2016). Prevalence of <i>B. burgdorferi</i> sensu lato and different genotypes in ticks collected</p>

	<p>from counties in Estonia. Tartu Health Care College Scientific Conference “Healthy Body, Healthy Knowledge”, November 24.</p> <p>Ader, M., Jõgi, E. (2014). Ticks density, prevalence of <i>B. burgdorferi</i> sensu lato and different genotypes in ticks collected from Pärnu and Valga counties in Estonia.</p> <p>Final papers:</p> <p>Sõsa, K. (2017). Borrelia burgdorferi sensu lato genotype distribution and prevalence in Tartu- ja Võrumaa county ticks.</p> <p>Kruus, K. (2016). Borrelia burgdorferi sensu lato and different genotypes in ticks prevalence on the island of Saaremaa and in Lääne County.</p> <p>Ader, M. (2014). Ticks density, prevalence of <i>B. burgdorferi</i> sensu lato and different genotypes in ticks collected from Pärnu and Valga counties in Estonia.</p> <p>Recognition:</p> <p>The presentation received recognition at the EPBS Student Forum poster presentations competition – III place for the Martin Nicholson Award, 2014 Dublin, the Republic of Ireland.</p>
<p>2013–2016</p> <p>Gathering data for and a comparative analysis of patient radiation dosimetry optimisation in radiography.</p> <p>Principal Investigator: Kalle Kepler</p> <p>Teachers: Janelle Märs</p> <p>Students: Natalia Barausova, Anton Bukatš, Olga Dmitrieva, Marleen Eelma, Siim Nael, Kristi Kais, Rasmus Kariis, Stella Kibena, Lidia Kolessova, Artjom Kotelevski, Vilorika Laursoo, Tiina Lilium, Jekaterina Mihhailova, Kai Mölder, Eneli Tisler, Marek Naal, Kuldar Rahuelu, Reno Bleier, Eneli Tisler, Merle Torim, Geili Ploom, Inge-Liis Verst, Natalja Vertjajeva</p> <p>Cooperation partners: Oulu University of Applied Sciences</p> <p>Institutions involved in the research study: East Tallinn Central Hospital, East-Viru Central Hospital, Järvamaa Hospital, South-Estonian Hospital, Valga Hospital, Tartu City Polyclinic, Narva Hospital, NorthEstonia Medical Centre, Pärnu Hospital, Tartu University Clinic, Viljandi Hospital</p>	<p>Publication:</p> <p>Kepler, K., Märs, J. (2016). Collection and analysis of data for optimization of patient radiation in conventional radiography. Tartu Health Care College Collection of Research Studies X. Tartu: Paar OÜ, pp 9-20.</p> <p>Oral presentations:</p> <p>Kepler, K. (2016). Patient radiation dosimetry optimisation in radiography. Tartu Health Care College Scientific Conference “Healthy Body, Healthy Knowledge”, November 24.</p> <p>Kepler, K., Märs, J. (2014). “Preliminary results of the implementation of the patient radiation dosimetry guidelines in Estonia“, at the Baltic Congress of Radiology. October 10-11, Pärnu.</p> <p>Final papers:</p> <p>Bukatš, A., Kais, K. (2016). Gated radiotherapy for left breast cancer treatment.</p> <p>Barausova, N., Dmitrieva, O. (2016). Emergency patient in radiology department.</p> <p>Eelma, M., Nael, S. (2016). The role of a radiographer in the diagnostics of myocarditis in magnetic resonance tomography.</p> <p>Kariis, R. (2016). The health risks and radiation doses to the clean-up workers of Chernobyl</p> <p>Kibena, S., Verst, I.L. (2016). The experiences of radiography students during clinical placement.</p> <p>Kolessova, L., Laursoo, V. (2016). Artifacts in the performance of magnetic resonance Imaging of the head.</p> <p>Naal, M., Kotelevski, A. (2016). Anxiety disordered patient during radiographic examination.</p> <p>Lilium, T., Vertjajeva, N. (2016). Radiation Protection in Dentistry.</p>

	<p>Šljaiteris, A., Mihhailova, J. (2016). Shielding efficiency of the aprons at different diagnostic x-ray energies.</p> <p>Tisler, E., Mölder, K. (2016). Radiographers' communication with patients and factors influencing it.</p> <p>Rahuelu, K., Bleier, R. (2016). Alternative methods in early stage breast cancer radiotherapy</p> <p>Ploom, G., Torim, M. (2016). Psychological support during paediatric radiotherapy.</p>
<p>2013–2016</p> <p>Forming, shaping and assessing nursing students' caring attitude</p> <p>Principal Investigator: Reet Urban Students: Liis Arbeiter, Elina Mürsepp</p>	<p>Publications:</p> <p>Valkonen, L.; Mürsepp, E.; Urban, R. (2014). Tartu Health Care College fourth year nursing students' understanding of caring and its formation. <i>Eesti Õde</i>, 3, 5 – 6 [Estonian journal of nursing].</p> <p>Arbeiter, L.; Mürsepp, E.; Urban, R. (2014). Caring seen through the eyes of the nursing students in their final year of school. Tartu Health Care College webzine <i>Tervist!</i>, 2, 32 - 32.</p> <p>Oral presentations:</p> <p>Urban, R. (2016). Caring as a basis for professionalism in health care. Tartu Health Care College Scientific Conference “Healthy Body, Healthy Knowledge”, November 24.</p> <p>Urban, R. (2016). Caring as a professional value and the core element of nursing education. Klaipeda State University of Applied Science. International conference „Education, research and innovation“. Klaipeda, Lithuania, April 26.</p> <p>Urban, R. (2014). Caring as a foundational value for nursing. Turku University of Applied Sciences International Week. 31st March - 4th April.</p> <p>Final paper:</p> <p>Arbeiter, L., Mürsepp, E. (2014). Tartu Health Care College fourth year nursing students' understanding of caring and its formation.</p>
<p>2013–2015</p> <p>The effect of participating in studies in family schools offering pre-delivery preparation to pregnant women's and support persons' preparedness for coping with delivery, adapting to parent role and furthering breast-feeding as perceived by participants and lecturers.</p> <p>Principal Investigator: Marge Mahla Students: Janne Toomel, Kadri Otsalt, Marin Paes, Mari-Ann Umalas Cooperation partner: Estonian Midwives Association</p>	<p>Publications:</p> <p>Kukk, K., Larven, T., Mahla, M. (2015). Fathers' involvement in care during pregnancy. Tartu Health Care College Collection of Research Studies IX.</p> <p>Otsalt, K., Toomel, J., Mahla, M. (2015). Family school participants' and lecturers' perception of preparation for delivery. Tartu Health Care College Collection of Research Studies IX.</p> <p>Oral presentations:</p> <p>Mahla, M. (2014). Expectations and their fulfilment in regard to preparation for delivery and post-delivery period offered to families in family schools. Estonian Conference of Perinatology, Pärnu, October 24.-25.</p> <p>Toomel, J., Mahla, M, Otsalt, K., Developing the breast-feeding counselling system (web-based, in- and out-patient counselling, mothers' discussion groups). Estonian Conference of Perinatology, Pärnu, October 24.-25.</p>

	<p>Mahla, M. Feedback by family schools' participants. Estonian Conference of Perinatology, Pärnu, October 24.-25.</p> <p>Final papers: Toomel, J., Otsalt, K. (2014). Expectations and their fulfilment in regard to preparation for delivery and post-delivery period offered to young families in family schools. Paes, M., Umalas, M. (2015). Family schools lecturers' evaluations of preparedness to conduct the preparation of the pregnant and their support persons.</p>
<p>2013–2015</p> <p>The drug-related knowledge of year II and IV nursing students in Tartu Health Care College</p> <p>Principal Investigator: Ireen Bruus Teachers: Merilin Kiis, Liina Animägi, Agnes Männik (2013) Students: Jelena Borodina, Kairi Keidong</p>	<p>Publications: Bruus, I., Uppin, K. (2014). Factors in nurses' work environment impacting occurrence of drug-related mistakes. <i>Eesti Õde</i>, 3, 17 – 19. [Journal <i>Estonian Nurse</i>] Bruus, I; Animägi, L; Keidong, K; Borodina, J. (2014). The drug-related knowledge and skills of II year basic nursing curriculum students in Tartu Health Care College. Tartu Health Care College Collection of Research Studies VIII (24 - 45).</p> <p>Oral presentations: Bruus, I. (2016). The drug-related knowledge and skills of II year nursing students. Tartu Health Care College Scientific Conference “Healthy Body, Healthy Knowledge”, November 24. Bruus, I (2015). The drug-related knowledge and skills of II year nursing students in Tartu Health Care College. Nordic conference for Nurse Educators – Mo I Rana, October 12-14.</p> <p>Final paper: Keidong, K., Borodina, J. (2014). The drug-related knowledge and skills of II year basic nursing curriculum students in Tartu Health Care College.</p>
<p>2013–2014</p> <p>Professional competences as seen by the final year nursing students and nurses.</p> <p>Principal Investigator: Reet Urban Teachers: Liina Animägi Student: Lemme-Liis Aruväli</p>	<p>Publications: Urban, R., Animägi, L., Aruväli, L.-L. (2014). Professional competences as seen by the final year nursing students and nurses. Tartu Health Care College Collection of Research Studies VIII (103-120). Urban, R.; Aruväli, L.-L. (2014). Competences of graduates on the basic nursing curriculum and factors impacting the implementation of the competencies as one of the starting points of curriculum development. Tartu Health Care College webzine <i>Tervist!</i>, 3, 16 - 17.</p> <p>Poster presentation: Urban, R., Animägi, L. (2014). Competence of newly graduated nurses. <i>10th European Federation of Nurse Educators' International Conference "Nursing Education and Nursing Care - Which Future"</i>, September 24-26, Nancy, France.</p> <p>Final paper:</p>

	<p>Aruväli, L.-L. (2014). Novice nurses' preparedness and competences and factors impacting professional self-sufficiency.</p>
<p>2013–2014</p> <p>Awareness of risk factors, management, complications and prevention in adult patients with hypertension.</p> <p>Principal Investigator: Eve-Merike Sooväli Teacher: Piret Simm Students: Eveliis Annusver, Railika Toim, Riti Saage</p> <p>Cooperation partner: Estonian Health Insurance Fund</p>	<p>Publication: Sooväli, E-M.; Simm, P., Animägi, L. (2015). Awareness of risk factors management, complications and prevention among Estonian adult patients with recently diagnosed hypertension. In: 8th INTERNATIONAL SCIENTIFIC CONFERENCE Health care professions and their response to the health care needs of society: an evidence-based and coordinated action: 11th – 12th June 2015, Bled, Slovenia. (Eds.) izr. prof. dr. Brigita Skela Savič doc. dr. Simona Hvalič Touzery. Slovenia: CIP - Kataložni zapis o publikaciji Univerzitetna knjižnica Maribor, 56 - 62.</p> <p>Oral presentations: Sooväli, E-M.; Simm, P., Animägi, L. (2015). Awareness of risk factors management, complications and prevention in Estonian adult patients with recently diagnosed hypertension. In: 8th INTERNATIONAL SCIENTIFIC CONFERENCE Health care professions and their response to the health care needs of society: an evidence-based and coordinated action, June 11-12, Bled, Slovenia. Sooväli, E-M., Simm, P. Awareness of risk factors management, complications and prevention among Estonian adult patients with hypertension. At the Tartu Health Care College conference "Healthy Body, Healthy Knowledge", November 21.</p> <p>Final papers: Annusver, E. (2014). Awareness of risk factors increasing blood pressure, complications and treatment compliance in Estonian adult patients with hypertension. Saage, R. (2014). Awareness of blood pressure readings, impact of overweight and low physical activity to blood pressure in patients with hypertension. Toim, R. (2014). Awareness of causes, meaning and symptoms of hypertension in adult patients diagnosed with hypertension.</p>
<p>2012–2018</p> <p>Prevalence of enterobiasis in kindergarten children. Kindergarten children in Jõgevamaa (2012–2013), in Viljandimaa and Tartumaa (2013–2014), in Raplamaa (2015–2016), in Harjumaa (2015–2017).</p> <p>Principal Investigator: Mare Remm Students: Helin Sinimets, Maia Kukner, Merlin Matvere, Pirgit Rattasepp, Getter Annuk, Marta Korts-Laur</p>	<p>Publications: Remm, M., Sinimets, H., Rattasepp, P., Kukner, M., Matvere, M., Annuk, G., Laur-Korts, M. (2016). Prevalence of enterobiasis among nurseryschool children based on the study of 2012-2016. Tartu Health Care College Collection of Research Studies X. Tartu: Paar OÜ, pp 21-32. Remm, M. (2015). Remm, M., Remm, K. Studies on enterobiasis, toxoplasmosis and toxocariasis in Estonia. (2014). In Geography and Health. A Nordic Outlook. Edited by Schærström, A., Jørgensen, S., Kistemann, T., Sivertun, Å. 182-195. Remm, M., Sinimets, H. (2013). Prevalence of enterobiasis in kindergartens in Jõgevamaa and parents' awareness of enterobiasis. Tartu Health Care College Collection of Research Studies VIII.</p>

	<p>Remm, M. (2013). Biomedical laboratory scientists' parasitology tests. Web magazine <i>Tervist! no 1</i>, Nov 2013.</p> <p>Oral presentations: Remm, M. (2016). Prevalence of enterobiasis in kindergarten children. Tartu Health Care College Scientific Conference “Healthy body, healthy knowledge”, November 24. Kukner, M., Matvere, M. (2014). Prevalence of enterobiasis in kindergartens in Tartu. Association of Estonian Biomedical Laboratory Scientists annual meeting, Tartu, February 8. Remm, M. (2014). Prevalence of enterobiasis in kindergartens in Viljandimaa. Association of Estonian Biomedical Laboratory Scientists annual meeting, Tartu, February 8. Sinimets, H. (2013). Prevalence of enterobiasis in kindergartens in Tartu. Association of Estonian Biomedical Laboratory Scientists annual meeting, Tallinn, January 26.</p> <p>Poster presentations: Remm, M. (2017). Prevalence of Enterobiasis among Nursery School Children Based on the Study of 2012-2016, NML Congress, October 5–7, Helsinki, Finland. Remm, M., Sinimets, H., Rattasepp, P., Kukner, M., Matvere, M., Annuk, G. (2016). Research of Enterobiasis among children in four Estonian Counties. Baltic Countries Laboratory Medicine Congress, Tartu, May 12–14 and Tartu Health Care College Scientific Conference „Healthy body, healthy knowledge“, November 24.</p> <p>Media coverage: Remm, M. (2015). Annoying infection that is hard to get rid of. <i>Raplamaa Sõnumid</i>. 29.07.2015 [a newspaper]. Remm, M. (2014). Pinworms are still there. <i>Sakala</i> 13.02.2014 [a newspaper]. Pinworms are a huge nuisance in kindergartens. <i>Meditsiini Uudised</i> 13.02.14 [medical news]. Remm, M. (2013). Pinworms – common parasites among kindergarten children. <i>Vooremaa</i>.06.08.13 [a newspaper].</p> <p>Final papers: Korts-Laur, M. (2017). Study of enterobiasis of kindergarten children in West-Harju county. Rattasepp, P. (2014). Study of pinworms in kindergartens in Viljandimaa. Kukner, M., Matvere, M. (2014) Prevalence of pinworms in kindergartens in Tartu and Tarumaa. Sinimets, H. (2012). Prevalence of enterobiasis in kindergartens in Jõgevamaa and parents' awareness of enterobiasis.</p>
<p>2012–2018</p> <p>Patient point-of-care testing in family doctors' (2012 –2013), hospital</p>	<p>Publications: Orav, A., Mikk, J., Remm, M. (2018). Evaluation of precision and accuracy of five glucose meters in comparison with the laboratory hexokinase method and in accordance with ISO Standard</p>

(2013–2014) and South-Eastern care facilities practice (2015–2018) in Estonia.

Principal Investigator: Mare Remm

Teacher: Aivar Orav

Students: Kätlin Jädal, Kaia Otsmaa, Terje Lokk, Svetlana Kitajeva, Heleen Karjane, Mari-Liis Linno, Kristjan Orrin, Jürgen Mikk, Agnes Vaino

Cooperation partners: Estonian Society for Laboratory Medicine, East-Tallinn Central Hospital Laboratory, North-Estonia Regional Hospital Laboratory

15197:2013 in Research Articles and Conference Abstracts XII. Tartu Health Care College. Publisher: Paar OÜ, Tartu.

Orav, A., Remm, M. (2017). Accuracy of glucometers: can it use of any clinical situation? Research Articles and Conference Abstracts. Tartu Health Care College Collection XI, pp 8-14.

Remm, M., Jädal, K., Otsmaa, K., Orav, A. (2013). Patient point-of-care testing in family doctors' practice in Estonia. Tartu Health Care College Collection of Research Studies VII, pp 55-66.

Orav, A., Remm, M. (2014) Patient point-of-care testing – the future of lab diagnostics? Tartu Health Care College webzine *Tervist!* in November.

Oral presentations:

Orav, A. (2018). Quality assurance of laboratory testing in primary care / nursing care in Tartu Health Care College Scientific Conference „Healthy Body, Healthy Mind Full of Knowledge“, November, 22.

Orav, A. (2017). Glucometers and their quality assurance. Conference of Association of Estonian Biomedical Laboratory Scientists, Tartu, November 11.

Orav, A. (2016). Determination of blood sugar by point-of-care testing – Is it so easy? Tartu Health Care College Scientific Conference “Healthy Body, Healthy Knowledge”, November 24.

Remm, M., Orav, A. (2014). Patient point-of-care testing in healthcare. Tartu Health Care College Conference “Healthy Body, Healthy Knowledge”, November 21.

Otsmaa, K. (2014). Overview of using POCT in family doctors' practices in Estonia. At general meeting of Association of Estonian Biomedical Laboratory Scientists, 08 Feb 2014, in Tartu

Orav, A. (2013). What should we know about POCT. Presentation at training for doctors in primary care, Tartu November 23.

Kütt, M. (2012). POCT in outpatient practice outside the laboratory. Association of Estonian Biomedical Laboratory Scientists Summer School in Olustvere, September and October.

Poster presentations:

Remm, M., Orav, A., Mee, P. (2015). Point-of-care testing (POCT) in Estonia. At EPBS conference Point of Care Testing. Patient is the Point. October 8, Croatia.

Karjane, H. (2015). Do newer generation self-testing blood glucose systems qualify for diagnosing diabetes? At EPBS annual meeting in Croatia, October 9.-10, competition of student posters.

Remm, M., Orav, A., Jädal, K., Otsmaa, K. (2014). Point-of-Care testing (POCT) in Estonian family medicine centres. At Baltic congress in Laboratory Medicine. Riga, Latvia.

Final papers:

Mikk, J. (2018). Evaluation of precision and accuracy of five glucose meters in comparison with

	<p>laboratory hexokinase method and accordance with ISO standard 15197:2013.</p> <p>Vaino, A. (2018). Verification of cholesterol point-of-care testing (POCT) method in Tartu Health Care College.</p> <p>Orrin, K (2017). Hospital and patient self-testing blood glucose monitoring systems in comparison with a laboratory reference method.</p> <p>Karjane, H. (2016). Blood glucose monitoring systems and laboratory analyser glucose test results differences and factors affecting test results.</p> <p>Kitajeva, S. (2014). Patient POCT and quality assurance in North-Estonian Regional Hospital</p> <p>Jädal, K. (2013). Point-of-care testing quality assurance in family doctors' practices in Estonia</p> <p>Otsmaa, K. (2013). Point-of-care (POC) testing in family doctors' practices and quality assurance.</p>
<p>2012–2016</p> <p>The impact of the academic environment on the student learning on the examples of nursing and radiography curricula at Tartu Health Care College.</p> <p>Principal Investigator: Reet Urban Teachers: Tiina Kukkes, Liina Animägi</p>	<p>Publication:</p> <p>Urban, R. (2016). Academic learning environment as a factor influencing students' approach to learning. Tartu Health Care College Collection of Research Studies X. Tartu: Paar OÜ, pp 88-98.</p> <p>Oral presentations:</p> <p>Kukkes, T. (2014). Academic learning environment and student approach to learning. <i>18th ISRRT World Congress</i>, June 12-15, Helsinki.</p> <p>Urban, R. (2012). Academic learning environment and student's approach to learning. <i>FINE with the RCN International Conference 2012 Nurse Education – developing the art and facing the challenges</i>. October 3-5, Cardiff.</p>
<p>2012–2015</p> <p>Antibiotic resistance of enterococci isolated from Tartumaa public swimming waters.</p> <p>Principal Investigator: Evi Aotäht Teachers: Helen Udras, Mai Treial Students: Kaia Kolk, Lilian Kokk</p>	<p>Publications:</p> <p>Kokk, L., Aotäht, E., Treial, M. (2015). Antibiotic resistance of enterococci isolated from Tartumaa public swimming waters. Tartu Health Care College Collection of Research Studies IX.</p> <p>Kolk, K., Udras, H., Aotäht, E. (2013). Antibiotic resistance of enterococci isolated from Tartumaa public swimming waters. Tartu Health Care College Collection of Research Studies VIII.</p> <p>Oral presentation:</p> <p>Udras, H. (2016). Antibiotic resistance of enterococci isolated from Tartumaa public swimming waters. Tartu Health Care College Scientific Conference "Healthy Body, Healthy Knowledge" November 24.</p> <p>Final papers:</p> <p>Kokk, L. (2015). Antibiotic resistance of enterococci isolated from Tartumaa public swimming waters.</p> <p>Kolk, K, (2013). Antibiotic resistance of enterococci isolated from Tartumaa public swimming waters.</p>
2012–2014	Publications:

<p>Health behaviour among different age groups in Estonia.</p> <p>Principal Investigator: Ülle Parm Teachers: Anna-Liisa Tamm (Parm) Students: Kairi Linnaste, Kristiina Kärk, Kerli Rõžikov, Riina Intsar</p> <p>Cooperation partners: Tartu University Faculty of Exercise and Sports Science Prof Jaak Jürimäe, Jarek Mäestu, Evelin Lätt</p>	<p>Parm, Ü., Parm, A-L., Kärk, K. (2014). Physical activity in leisure time, its impacting factors and relation to chronic diseases in two generations of Estonians. <i>Eesti Arst</i> 4: 199-206 [Journal Estonian Doctor].</p> <p>Parm, Ü., Tamm, A.-L., Linnaste, K., Jalak, R. (2014). Estonians' sauna customs incl. in case of chronic diseases. <i>Liikumine ja Sport</i>, 9: 16–25 [Exercise and Sport].</p> <p>Linnaste, K. Parm, A-L., Parm, Ü. (2013). Sauna bathing custom and its connection to health, based on two generations. Tartu Health Care College Collection of Research Studies VII, pp 22-46.</p> <p>Oral presentations:</p> <p>Intsar, R. (2017). Physical activity and body composition. Tartu Health Care College International Student Conference in health sciences „Health in our Hands", November 23.</p> <p>Parm, Ü., Tamm, A-L. (2012). The health behaviour of two generations in Estonia. 4th International Interdisciplinary Scientific Conference: SOCIETY, HEALTH, WELFARE. Riga, Latvia, November 22-23.</p> <p>Poster presentation:</p> <p>Parm Ü, Parm A-L. (2012). Health behaviour of two generations in Estonia. Population Health Congress, Adelaide, Australia, September 9-12.</p> <p>Media coverage:</p> <p>Estonians consume dangerously little liquid in sauna –on College graduate Kairi Linnaste's final paper. <i>Eesti Päevaleht LP</i>. 03.08.13. (Merle Must) [a daily in Estonia].</p> <p>Final papers:</p> <p>Mandela, O. (2016). Eating habits of students and their parents.</p> <p>Rõžikov, K. (2016). Alcohol consumption of university students and their parents.</p> <p>Intsar, R. (2015). Effect of physical activity to body composition.</p> <p>Kärk, K. (2014). Two generations' physical activity – impacting factors in relation to presence of chronic diseases.</p> <p>Linnaste, K. (2013). Sauna bathing custom and its connection to health, based on two generations.</p>
<p>2012–2013</p> <p>The presence of antibodies to Lyme disease in the blood serum of hunters in different regions in Estonia and their awareness of Lyme borreliosis.</p> <p>Principal Investigator: Evi Aotäht</p>	<p>Publications:</p> <p>Parm, Ü., Niitvagi, E., Beljaev, K., Aro, T., Aotäht, E., Raska, K., Epstein, J., Oona, M., Lutsar, I. (2015). Lyme borreliosis on Estonian Saaremaa Island. ECCMID; European Congress on Clinical Microbiology and Infectious Diseases; Copenhagen, Denmark; April 25-28, 2015. Koference booklet.</p> <p>Parm, Ü., Niitvagi, E., Beljaev, K., Aro, T., Aotäht, E., Raska, K., Epstein, J., Oona, M., Lutsar, I. (2015). Lyme borreliosis on Saaremaa. <i>Eesti Arst</i>; 94(4) 203-210. [Journal Estonian Doctor]</p>

<p>Teacher: Mai Treial Student: Egle Niitvägi</p> <p>Cooperation partners: Islands' Hunters Association, Kuressaare Hospital</p>	<p>Tallinn 2015. Niitvägi, E., Aotäht, E., Treial, M. (2013). The presence of antibodies to Lyme disease in the blood serum of hunters on Saaremaa and their awareness of Lyme borreliosis. Tartu Health Care College Collection of Research Studies VIII.</p> <p>Oral presentation: Niitvägi, E. (2013). The presence of antibodies to Lyme disease in the blood serum of hunters on Saaremaa and their awareness of Lyme borreliosis. Association of Estonian Biomedical laboratory Scientists annual meeting, Tallinn, November 26.</p> <p>Media coverage: Lember, A. Hunters on Saaremaa are invited to participate in a research study on tickborne diseases. <i>Saare Hääl</i> (04.06.2012) [a local newspaper] Interview with Egle Niitvägi on the research study. Kadi Radio (27.06.12) Raisma, M. Hunters learned a shocking truth about ticks. <i>Saare Hääl</i>. (07.07.2012) [a local newspaper] Estonian news. Hunters learned a shocking truth about ticks. <i>Postimees</i> (08.07.2012) [an Estonian daily] <i>Aktuaalne Kaamera. ERR. Eesti TV</i> [Estonian national TV programmes and channel] (July 02 2012) news on research results. DELFI newsportal - Hunters learned a shocking truth about ticks. On Egle Niitvägi's research results. (07.07.2012)</p> <p>Final papers: Niitvägi, E (2012). The presence of antibodies to Lyme disease in the blood serum of hunters on Saaremaa and their awareness of Lyme borreliosis.</p>
<p>2012–2013</p> <p>Possibility for spread of intestinal infections in kindergartens.</p> <p>Principal Investigator: Evi Aotäht Teacher: Helen Udras Student: Kairi Lillemets</p>	<p>Media coverage: Aotäht, E., Lillemets, K. (2014). Possible spread of intestinal infections via surfaces and toys in kindergartens. Web magazine <i>Tervist!</i>, February 2014.</p> <p>Final paper: Lillemets, K. (2012). Possible spread of intestinal infections via surfaces and toys in kindergartens.</p>
<p>2012–2013</p> <p>Ventilated newborn's endotracheal suctioning in child intensive care units.</p>	<p>Oral presentation: Läanelaid, S. Endotracheal suctioning of a ventilated child. The 2nd Paediatric Nurses conference of the Baltic States, Tartu, October 24.</p> <p>Poster presentation:</p>

<p>Principal Investigator: Siret Läänelaid Students: Annely Saarell, Raili Sommer</p>	<p>Läänelaid, S.; Sommer, R.; Saarell, A. (2013). Newborn's open-system endotracheal suctioning methods applications in Estonian child intensive care units. 24th Annual Meeting of the European Society of Paediatric and Neonatal Intensive Care, Rotterdam, Netherlands, June 12-15.</p> <p>Final paper: Sommer, R., Saarell, A. (2012).Newborn's open-system endotracheal suctioning methods applications in Estonian children intensive care units.</p>
<p>2012–2013</p> <p>Microbiological investigations preventing nurses contracting hospital infections.</p> <p>Principal Investigator: Helen Udras Students: Siret Piigli, Tuuli Suur</p>	<p>Final papers: Piigli, S. (2012).A comparison of the glove method used for microbiological hand hygiene testing to the method used in Rakvere Hospital. Suur, T. (2012). Assessment of the effects of working in a hospital and other risk factors on the carriage of <i>Staphylococcus aureus</i> in Tartu Health Care College students and nurses in two hospitals.</p>
<p>2011–2013</p> <p>Tartu Health Care College/Tartu Medical School alumni survey.</p> <p>Principal Investigator: Inga Ploomipuu Teacher: Eve-Merike Sooväli</p>	<p>Publication: Ploomipuu, I., Sooväli, E-M. (2013). Survey of Tartu Health Care College/Tartu Medical School alumni graduated in 2000-2012.Tartu Health Care College Collection of Research Studies VIII.</p> <p>Poster presentation: Ploomipuu, I., Sooväli, E-M. (2012). Tartu Health Care College/Tartu Medical School alumni survey. Presented during College's 201st Anniversary events, November 22</p>
<p>2010–2013</p> <p>Role and position of Biomedical Scientist in Medical Laboratories of Estonia.</p> <p>Principal Investigator: Mare Remm Students: Tiina Teder, Laura Punak, Roman Suvorov, Riin Viksi, Mirjan Venski, Reelika Värva</p>	<p>Publication: Remm, M., Punak, L., Teder, T., Veski, M., Viksi, R. (2012). Roles of Biomedical Scientist in Medical Laboratories of Estonia. Tartu Health Care College Collection of Research Studies VI.</p> <p>Oral presentations: Remm, M., Punak, L., Teder, T., Suvorov, R., Viksi, R., Värva, R. (2012). Roles of Biomedical Scientist in Medical Laboratories of Estonia. 30th Word Congress of Medical Laboratory Science. Berlin, August 18-22. Teder, T., Remm, M. (2011). Role and tasks of biomedical laboratory scientists in microbiology labs in Estonia. At Association of Estonian Biomedical Laboratory Scientists conference-training in Tartu, April 16. Remm,M., Ploomipuu I. (2011). <i>Roles of Bioanalysts in Laboratories of Microbiology, Pathology and Clinical Chemistry in Estonia.</i>Bio-Nord Conference, Oslo, May 26. Remm, M., Punak, L., Teder, T., Suvorov,R. (2010). <i>Roles of Bioanalysts in Laboratories of Microbiology, Pathology and Clinical Chemistry in Estonia.</i> The 10th Baltic Congress in Laboratory Medicine, September 16.</p>

	<p>Final papers: Teder, T.(2011). Role and tasks of biomedical laboratory scientists in microbiology labs in Estonia. Punak, L. (2011).Qualification and responsibilities of biomedical laboratory scientists in a pathology lab. Suvorov, R. (2011). Role and tasks of biomedical laboratory scientists in clinical chemistry labs in Estonia. Viksi, R.(2011).Role of biomedical laboratory scientists in clinical chemistry labs. Venski, M. (2011).Role and position of biomedical laboratory scientists in immunology labs in Estonia. Värva, R (2011). Role of biomedical laboratory scientists in haematology labs.</p>
<p>2010–2012</p> <p>The frequency of filagrin mutations C.2282del4 and P.R501X and histamine N-methyltransferase mutation C314t in allergic and non-allergic persons and expression of allergies related to living environment.</p> <p>Principal Investigator: Helen Udras Students: Kairi Kukk, Astrid Oras</p>	<p>Publications: Kukk, K., Udras, H. (2012). The carrier frequency of filagrin mutation C.2282DEL4 among adults in Estonia and impact of tobacco smoke to onset of allergies.Tartu Health Care College Collection of Research Studies VI. Oras, A., Udras, H. (2012). The frequency of histamine N-methyltransferase gene polymorphism C314t among allergic and non-allergic adults in Estonia and impact of environmental factors on allergies. Tartu Health Care College Collection of Research Studies VI.</p> <p>Oral presentations: Kukk, K. (2013). The carrier frequency of filagrin mutation C.2282DEL4 among adults in Estonia and impact of tobacco smoke to onset of allergies.Winter Academy student conference, Tallinn, February 5. Oras, A. (2013). The frequency of histamine N-methyltransferase gene polymorphism C314t in allergic adults and the control group in Estonia and impact of environmental factors on allergies. Winter Academy student conference, Tallinn, February 5.</p> <p>Final papers: Kukk, K.(2013). The carrier frequency of filagrin mutation C.2282DEL4 among adults in Estonia and impact of tobacco smoke to onset of allergies. Oras, A. (2013). The frequency of histamine N-methyltransferase gene polymorphism C314t among allergic and non-allergic adults in Estonia and impact of environmental factors on allergies.</p> <p>Recognition: Oras A. (2013). Estonian Rectors' Conference of Universities of Applied Sciences scholarship candidate.</p>
<p>2010–2012</p>	<p>Publications:</p>

<p>Prevalence of gastroenteroviruses in Estonia.</p> <p>Principal Investigator: Mare Remm Teacher: Evi Aotäht Students: Katre Nurk, Jekaterina Solovjova, Kristi Paks, Doris Sarapuu</p> <p>Cooperation partner: Isis Medical OÜ</p>	<p>Remm, M., Aotäht, E., Nurk, K., Solovjova, J., Uusmaa, K., Sarapuu, D. (2011). Prevalence of gastroenteroviruses in the samples sent for the study of gastroenteritis. Tartu Health Care College Collection V.</p> <p>Oral presentations: Remm, M., Aotäht, E. (2011). Gastroenteritides and parasites. During the 200th Tartu Health Care College Anniversary - from College to the community March 2 and 16. Remm, M., Aotäht, E. (2011). Gastroenteritides. Conference of Association of Estonian Biomedical Laboratory Scientist, April 16. Remm, M., Aotäht, E. (2010). Gastroenteritides. ISIS MEDICAL training for doctors, Kuressaare November 17 and Tallinn December 1.</p> <p>Poster presentation: Remm, M., Aotäht, E., Nurk, K., Solovjova, J., Uusmaa, K., Sarapuu, D. (2012). Prevalence of the Gastroenteroviruses in the Samples Sent for the Study of Gastroenteritis. 11 Congress of Baltic Laboratory Medicine, Lithuania, May 10-12.</p> <p>Final papers: Nurk, K. (2010). Prevalence of astrovirus as the cause of gastroenteritis in Estonia. Jekaterina Solovjova (2010): Prevalence of rotavirus as the cause of gastroenteritis in Estonia. Uusmaa, Kristi (2010). Prevalence of norovirus as the cause of gastroenteritis in Estonia. Sarapuu, D. (2010). Prevalence of adenovirus as the cause of gastroenteritis in Estonia.</p>
<p>2010–2011</p> <p>Factors resulting from learning environment and influencing learning on the example of nursing and radiography curricula in Tartu Health Care College.</p> <p>Principal Investigator: Reet Urban Teacher: Tiina Kukkes</p>	<p>Publication: R. Urban, T. Kukkes, K. Solom. (2011). Factors influencing learning on the example of Tartu Health Care College. Tartu Health Care College Collection of Research Studies V.</p> <p>Oral presentation: Kukkes, T., Solom, K., Urban, R. (2012). Academic Learning Environment and Student's Approach to Learning. European Federation of Nurse Educators with the RCN Education Forum International Conference, May 03-05, Wales, UK.</p>
<p>2010–2011</p> <p>Possibilities for infection spreading by means of items used in healthcare professionals' everyday work.</p> <p>Principal Investigator: Ülle Parm Teacher: Kadri Paal Students: Kerli Poren, Liilia Roomet</p>	<p>Publication: Poren, K. Parm, Ü. Paal., K. (2011). Contamination of gowns and devices that hospital staff uses. Tartu Health Care College Collection of Research Studies V.</p> <p>Poster presentation: Parm, Ü. (2012). "Association between microbial flora on nurses' gown and cell-phone with hygienic aspects" The 4th International Interdisciplinary Scientific Conference: Society, Health and Welfare", Riga, Latvia, November 22-23.</p>

	<p>Parm, Ü. Paal, K. Poren, K. (2011). "Contamination of gowns and devices that hospital staff uses". 52-nd Annual Meeting of the European Society for Paediatric Research, Newcastle, United Kingdom, October 14-17.</p> <p>Final papers: Poren, K. (2011) Contamination of gowns and devices that hospital staff uses Sobchenko, K. (2011) Use, cleaning practices of nurses' gowns and mobile phones and their relation to microbiological contamination.</p>
<p>2010</p> <p>Parasitological risks of cat and dog ownership.</p> <p>Principal Investigator: Mare Remm Students: Triinu Rinne, Maarja Kolga, Joko Virtmann</p>	<p>Publication: Virtmann, J., Remm, M. (2011). Helminthological risk on non-official beaches. Tartu Health Care College Collection of Research Studies V.</p> <p>Final papers: Rinne, T. (2010). Parasitological risks of cat ownership. Kolga, M. (2010). Parasitological risks of dog ownership. Virtmann, J. (2010). Helminthological risk on non-official beaches in Harju County.</p>
<p>2010</p> <p>Tartu and Tallinn Health Care College students' health behaviour.</p> <p>Principal Investigator: Eve-Merike Sooväli Teacher: Piret Simm Students: Maris Tooming, Ilona Kivisikk</p>	<p>Final paper: Tooming, M., Kivisikk, I. (2010). Tartu and Tallinn Health Care College students' health behaviour.</p>
<p>2009–2013</p> <p>Functional and biomechanical indicators of vertebral column in healthy people and in case of different vertebral column disease conditions and deformations.</p> <p>Principal Investigator: Reet Linkberg Teacher: T. Kums (Tartu University) Students: M. Mehine, R Rikas, R. Rehkli, A. Valk, J. Relli</p>	<p>Publications: Linkberg, R., Valk, A., Kums, T. (2012). Evaluation of spinal flexion-extension and the sagittal profile in the third trimester of pregnancy and after delivery. Tartu Health Care College Collection of Research Studies VI. Linkberg, R., Valk, A., Kums, T. (2011). Evaluation of spinal flexion-extension and the sagittal profile in the third trimester of pregnancy and after delivery. Tartu Health Care College Collection V (electronic issue). Rikas, R. (2011). Functional indicators of the vertebral column in women with Idiopathic Scoliosis. Winter Academy 2011 short scientific research articles. <i>Tartu Ülikooli Kirjastus</i> Rehkli, R., Linkberg, R., Kums, T. (2010). The functional state of the vertebral column of ballet dancers and its connection with overload injuries in ballet. Tartu Health Care College Collection of Research Studies IV. Rikas, R., Linkberg, R., Vain, A. (2010). Biomechanical stiffness and mobility of the spine in various spinal disease conditions and deformations. Tartu Health Care College Collection of Research Studies IV.</p>

	<p>Mehine, M., Linkberg, R., Kums, T. (2009). The effect of ballroom dancing on the functional state of the vertebral column. Tartu Health Care College Collection of Research Studies III.</p> <p>Oral presentations: Rikas, R. (2011). Functional indicators of the vertebral column in women with Idiopathic Scoliosis. Winter Academy student papers competition. Mehine, M. (2010). The effect of ballroom dancing on the functional state of the vertebral column. Winter Academy student papers conference.</p> <p>Final papers: Rello, J. (2011). Impact of hitting load on the functional status of the vertebral column among the trampoline jumpers at different ages. Valk, A. (2011). Evaluation of spinal flexion-extension and the sagittal profile in the third trimester of pregnancy and in the first two months after delivery. Rikas, R. (2010). Biomechanical stiffness and mobility of the spine in various spinal disease conditions and deformations. The best final paper on the Physiotherapy Curriculum. Rehkli, R. (2010). Analysis of the functional state of ballet dancers in the Theatre Vanemuine and its connection with injuries. Mehine, M. (2009). The effect of ballroom dancing on the vertebral column.</p> <p>Recognition: Rikas, R. (2010). "Biomechanical stiffness and mobility of the spine in various spinal disease conditions and deformations" ranked second in Winter Academy student project competition. Mehine, M. (2009). "The effect of ballroom dancing on the vertebral column" received second place in the Competition of Winter Academy Scientific Articles, the first prize in the competition of health studies. Rehkli, R. The final paper "Analysis of the functional state of ballet dancers in the Theatre Vanemuine and its connection with injuries" was submitted to SA Archimedes student papers competition.</p>
<p>2009–2013</p> <p>Using Bayley scale in the assessment of 2- and 3-year-old children's development.</p> <p>Principal Investigator: Tiiu Urva (2009–2012), Reet Linkberg Students: Kersti Kalind, Merit Pülse</p>	<p>Publications: Linkberg, R., Kalind, K. (2011). HIV-positive mothers' infants psychomotor development assessment with Bayley scale. Tartu Health Care College Collection of Research Studies V.</p> <p>Final papers: Pülse, M. (2013). Assessment of psychomotor development of upto 3-year-old children with alcohol exposure in prenatal period based on the measurement results of using Bayley scale II and III. Kalind, K. (2011). HIV-positive mothers' infants psychomotor development assessment with</p>

	Bayley scale.
<p>2009–2010</p> <p><i>Toxoplasma gondii</i>, <i>Toxocara sp</i> risk of infection in environment, risk factors and prevalence of antibodies in the human population in Estonia.</p> <p>Principal Investigator: Mare Remm Students: Pille Paats, Annika Kriisa, Leila Luik</p>	<p>Publications: Remm, M., Remm, K. (2014). Studies on enterobiasis, toxoplasmosis and toxocariasis in Estonia. In Geography and Health. A Nordic Outlook. Edited by Schærström, A., Jørgensen, S., Kistemann, T., Sivertun, Å. 182-195. Paats, P., Remm, M. (2010). The prevalence of <i>toxocara spp.</i> in Tartu Health Care College and Estonian University of Life Sciences. Tartu Health Care College Collection IV.</p> <p>Oral presentation: Paats, P., Kriisa, A., Luik, L. (2009). Prevalence of <i>Toxocara canis</i> and <i>Toxoplasma gondii</i> in the population of Estonia: a research study summary. At the conference of Association of Estonian Biomedical Laboratory Scientists, November 28.</p> <p>Final papers: Kriisa, A. (2010). Prevalence of antibodies to <i>Toxoplasma gondii</i> in Tartu Health Care College. Luik, L. (2010). Prevalence of antibodies to <i>Toxoplasma gondii</i> in Estonian University of Life Sciences. Paats, P. (2010). Prevalence of <i>Toxocara sp.</i> in Tartu Health Care College and Estonian University of Life Sciences.</p>
<p>2009–2010</p> <p>Estonian nurses' health behaviour.</p> <p>Principal Investigator: Eve-Merike Sooväli Students: Mari-Leen Varendi, Katrin Puurmaa</p> <p>Cooperation partner: Estonian Nurses Association</p>	<p>Publication: Puurmaa, K., Varendi, M-L., Sooväli, E-M. (2010). Estonian Nurses' Health Behaviour. Tartu Health Care College Collection of Research Studies IV.</p> <p>Oral presentation: Sooväli E-M., Raid, U. (2009). Estonian Nurses' Health Behaviour. Conference of Estonian Nurses Association, Paide, November 19.</p> <p>Media coverage: Sooväli, E-M. (2010). Estonian Nurses' Health Behaviour Setting an Example for Others. Journal <i>Eesti Õde</i> vol 1 [Estonian Nurse].</p> <p>Final papers: Puurmaa, K., (2010). Estonian Nurses' Health Behaviour. Health and nutritional Behaviour and Physical Exercise. Varendi, M-L., (2010). Estonian Nurses' Health Behaviour. Risk Behaviour.</p>
<p>2007–2008</p> <p>Understanding Student Perceptions of Becoming a Nurse in</p>	<p>Publications: Kukkes, T. (2010). Nursing students' perceptions of internationalisation: a qualitative study in three European countries. Tartu Health Care College Collection IV.</p>

Contemporary European Society: A qualitative exploration of pre-registration nursing student experiences and career intentions in relation to internationalization across three EU countries

International joint research study with Ghent University (Belgium) and the University of Nottingham (the UK).

Principal Investigator: Hall, C

Teachers: Tiina Kukkes, Reet Urban

Kukkes, T., Urban, R., Dhaeze, M., DeWandel, D., Hall, C., Mallik, M., Avis, M. (2008). Understanding Student Perceptions of Becoming a Nurse in Contemporary European Society – A qualitative exploration of pre-registration nursing student experiences and career intentions in relation to internationalization across three EU countries. *In: FINE Abstracts Book: 7th European Conference of Nurse Educators Plovdiv 09-10.10.2008. (Ed.) Krasteva, N.; Karamitрева, P. "Letera" EOOD-Plovdiv, 2008, 36.*

Kukkes, T. (2009). Understanding Student Perceptions of Becoming a Nurse in Contemporary European Society. A qualitative exploration of pre-registration nursing student experiences and career intentions in relation to internationalization across three EU countries RCN Joint Education Forums 2nd International Conference and Exhibition. Glasgow, Scotland, June 11-13.