



**TURUN
YLIOPISTO**

Entrepreneurship Unit

Annual report 2019

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Entrepreneurship

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WORKING CLOSELY WITH AND FOR THE BENEFIT OF OUR STAKEHOLDERS

Summer of 2020 is fast approaching as we finalise our annual report for 2019. It is interesting to note the scope and scale of our many activities in research, teaching and societal interaction.

In 2019, an important research project SWIPE “*Smart Work in the Platform Economy*” came to an end with a final seminar in the form of an international research conference WORK 2019 held in Helsinki (p. 17).

But when things come to an end, new things are launched. In 2019, we started the research project DISCE “*Developing Inclusive & Sustainable Creative Economies*” that was awarded funding for years 2019-2021 from the European Commission, Horizon 2020 programme (p. 8). The first year included kick-off and opening seminars as well as preparing and piloting the empirical case study work. You can follow the project on Internet <https://disce.eu/> and on social media [@DISCE_EU](#).

Besides publishing in academic books and publications, our unit is seriously interested in working in close collaboration and with stakeholders. In fact, nearly all our research projects (such as SWIPE and DISCE) are based on social interaction being integrated into the project. In addition, we work with our collaborators to develop practical outcomes for our stakeholders, such as a book for family businesses to guide them in their renewal (p. 34) or a booklet for municipalities in order to develop their co-creation activities between the municipalities, citizens, businesses and third sector organisations (p. 11).

Teaching is an integral part of any university discipline and we place great importance to offering high-quality teaching. It is with great pleasure we received the honourable mention for our Corporate Entrepreneurship course (YR6, p. 21). Year 2019 also marked an important landmark of going international: Our university teacher Sanna Ilonen was involved as one of the teachers running a course in the Kingdom of Saudi Arabia (p. 24).

In line with the Entrepreneurial University, our activities have an outreach to the society. We co-operate with businesses and teach in the TSE eMBA programme. We work with regional, national and international policymakers and organisations. Our researchers are active in social media in order to inform the general public of our research.

Furthermore, our work was recognised with several awards and recognitions to celebrate our faculty members’ achievements in societal interaction and academic excellence (further details on awards on p. 31).

Reviewing our work and achievements from year 2019 makes me both humble and proud but also certain that the future will be bright, too. We are always interested in further collaboration with academic, business and other partners so do not hesitate to be in touch with us should you have an idea!

Ulla Hytti

Professor

Head of the Entrepreneurship Unit



RESEARCH
WITH IMPACT

Research on entrepreneurship and new working modes

Entrepreneurship is one of the areas of strength at the Turku School of Economics. Research activities at the Entrepreneurship Unit focus on two themes in particular: entrepreneurship and new working modes in the digitalized economy; and entrepreneurial behaviour and business growth. These two main fields are connected through theoretical approaches in entrepreneurship and sociology, research methodology, science and technology studies, governance, and empirical studies. Research encompasses the processes of entrepreneurship and innovation as well as entrepreneurial behaviour from the point of view of business creation, growth, internationalisation, and renewal in different contexts in both private and public sector organisations. The Entrepreneurship Unit consists of about fifteen researchers with varied scientific backgrounds.



15

entrepreneurship
professionals



8

competitively funded
research projects



8

peer-reviewed
journal articles



17

presentations
in **ten**
international
conferences

Multidisciplinary scholarly excellence and international cooperation

We work internationally and emphasise scholarly excellence and policy relevance based on solid scientific knowledge particularly in entrepreneurship. The cornerstones of our entrepreneurship research are well-established multidisciplinary research groups, high-profile international research initiatives and networks, such as the European Council for Small Business and Entrepreneurship (ECSB), a strong track record in competitive research funding as well as close cooperation with policy-makers.

JUFO publications 2011–2019									
	2011	2012	2013	2014	2015	2016	2017	2018	2019
JUFO 1	9	1	3	5	9	9	6	10	5
JUFO 2	6	3	1	5	6	6	4	1	0
JUFO 3	0	0	0	3	1	8	1	0	1

HIGHLIGHTS FROM OUR RESEARCH PROJECTS IN 2019



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 822314

Developing Inclusive and Sustainable Creative Economies (DISCE)

The Developing Inclusive & Sustainable Creative Economies (DISCE) project set to improve and enhance the growth, inclusivity and sustainability of the cultural and creative economies in the EU was launched in January 2019. DISCE investigates the relationships between higher education, skills development and creative work; emerging business models; possibilities for improved quantitative mapping; new ways to understand what the 'growth' of creative economies consists of – and why such growth is valuable. At the heart of the project is the question of what are inclusive and sustainable creative economies and how they can be developed. Creative practitioners and policy makers will play a vital role in DISCE as both producers and users of new knowledge. Combining ten regional case studies with EU-wide quantitative mapping, the aim of DISCE, ultimately, is not only to understand the EU's creative economies, but to help shape their future.

In DISCE project Entrepreneurship unit focuses particularly on earning logics and business modelling in creative economies. We focus on individuals to investigate the different forms of activity (work, unpaid work and self-employment) in creative economies. Similarly we focus on businesses/organisations in order to understand how and what types of value is being created in creative economies. Furthermore, we explore the role of innovations and networks in creative economies. Finally, we also study the roles and means for the policy stakeholders in fostering inclusive and sustainable value creation, networks, innovations and forms of activity.

In the first year, DISCE organised a kick-off meeting in Brussels, Belgium and a public launch in Dresden, Germany with a first Co-creation Lab. The DISCE work plan and overarching research questions and objectives were updated and literature reviews conducted to guide the work of the work packages. The statistical DISCE approach has been defined based on the existing taxonomies and models to measure CCIs. In addition, the guidelines for operationalising statistical data in DISCE have been established. Similarly, the regional case study framework has been designed and the pilot case study in Enschede, the Netherlands was started. Vast amount of empirical research data has already been collected and the analyses started. Extensive attention is paid to communication and reach-out activities to raise awareness of the DISCE and to engage relevant stakeholders and creative workers with DISCE.

The project draws on the team's highly interdisciplinary expertise. Entrepreneurship unit is the coordinator of DISCE, Professor Jarna Heinonen being the Principal Investigator of the project. In addition, the University of Turku research team consists of researchers from the Turku School of Economics Pori Unit as well as researchers from the Faculty of Humanities. The other research members of the consortium are the King's College London (KCL) from the United Kingdom, the Gran Sasso Science Institute (GSSI) from Italy, and the Stockholm School of Economics (SSE) in Riga, Latvia. The consortium is completed with a Belgian based non-profit consultancy Culture and Media Agency Europe aisbl (CUMEDIAE) and the European network of non-governmental cultural centres based in Sweden Trans Europe Halles (TEH), who will together assume both the communications and stakeholder engagement within the CCIs. DISCE is funded by the Horizon 2020 Programme of the European Commission and it will run for a period of three years.

Read more on DISCE from the website (<https://disce.eu/>) and follow on Twitter: https://twitter.com/DISCE_EU. For more information contact Professor Jarna Heinonen (jarna.heinonen@utu.fi) or Project Coordinator Elisa Akola (elisa.akola@utu.fi)

Academy of Finland Strategic Research Council funded consortium SWiPE is led by professor Anne Kovalainen and University of Turku sub-project is led by senior research fellow Seppo Poutanen. Consortium also includes sub-projects in ETLA and in FIOH. The year 2019 at SWiPE research focused on proceeding with research activities, writing a wide array of scientific publications, organizing a large research conference WORK2019, as well as organising, leading and participating in the numerous national and international societal and economic activities with its networks.

SWiPE research consortium analyses extensively the new platform economy and its different manifestations such as transformations of businesses and shifts between paid work, self-employment, gig work and entrepreneurship, emerging platform work, which often is highly educated expert work, digitalization and several new types of entrepreneurial activities. SWiPE explores connections between education and working life within the context of academic, university and vocational training, the support mechanisms for migrants' entrepreneurial activities, digitalization of work, the public sector work transformation and new types of job crafting. New collaborations between national and international partners have been established during 2019, and researchers continue their collaborative work to analyze the current changes in the contemporary and new modes of work and platform economy. The most recent publications at SWiPE include an internationally praised edited volume published by Routledge (Poutanen et al., 2020), described in details elsewhere.

SWiPE in factual numbers in 3 years: 35 researchers from three institutions; 26 visiting international researchers; over 150 scientific publications; 4 scientific books; over 350 expert presentations, talks, media presentations and interviews; 6 policy briefs; 50 stakeholder meetings; 6 political party meetings; 6 presentations at Parliament committees and hearings; 2 organized international scientific conferences.

Of Academy of Finland 3-year research consortia SWiPE is most successful in terms of societal networking, societal impact and influence, scientific publications and international connections, giving to SWiPE researchers an excellent base to work further with research on new forms of work, digitalization and global platform economy.

Read more about SWiPE at www.smartworkresearch.fi. For more information, contact Professor Anne Kovalainen (anne.kovalainen@utu.fi).



HOTIT OPIT - Creating new tools to integrate informal and non-formal learning into one's entrepreneurship studies

HOTIT OPIT project (2018-2020) aims to develop entrepreneurship education by introducing well-working ways to utilize informal and non-formal learning in one's entrepreneurship studies. In order to achieve this, the project has conducted a best practice analysis of recognition of prior learning (RPL) and studification practices in Finnish higher education institutions (HEIs), and based on them, produced development recommendations for HEIs. The results of the analysis have also been used for developing to conceptualize and conduct end user testings of a digital tool to support the HEI students and teachers in RPL and studification of entrepreneurship competences. The final year of the project will focus on developing content and completing the technical development of the digital tool and disseminating the project results.

The project is funded by the Ministry of Education and Culture, and it is part of key projects for the implementation of Government Programme. The project consortium is led by University of Turku and it consists of eight other partner universities: Lappeenranta-Lahti University of Technology LUT, University of Oulu, Aalto University, Åbo Akademi, Turku University of Applied Sciences, Haaga-Helia University of Applied Sciences, LAB University of Applied Sciences and Oulu University of Applied Sciences. At the University of Turku, the project is implemented as a joint effort of Development Services and Entrepreneurship unit. The projects is led by Entrepreneurship programme manager, Dr. Kirsi Peura.

Read more: <http://www.yrittajysyliopisto.fi/entrepreneurshipcompetences/>.

HOTIT OPIT project awarded for shedding light on studification and RPL of entrepreneurship competences

Why and how recognition of prior learning (RPL) and studification of entrepreneurship competences are implemented in Finnish higher education institutions? Or if not, then why? HOTIT OPIT project's research paper studying these questions was nominated as the best paper of the 13th Entrepreneurship Education Conference in October 2019, Helsinki. The paper was praised for its topicality and clarity in presentation. The results based on the national interview data (56 interviews in 25 HEIs) indicate that the attitudes towards RPL and studification are mainly positive among entrepreneurship educators in Finnish HEIs. However, RPL and studification are utilized more actively in the universities of applied sciences when compared to the research-oriented universities. Additionally, and the teachers in the research-oriented universities have concerns of the usage of these practices, and thus are somewhat hesitant to implement them. The research paper outlines the main challenges in the utilization of RPL and studification and provides policy recommendations together with examples of well-working practices.

Peura K., Aaltonen S., Römer-Paakkanen T., Asteljoki S., Lahikainen K. & Pehkonen P. (2019) Yrittäjyysosaamisen AHOToinnin ja opinnollistamisen käytännöt suomalaisissa korkeakouluissa. https://research.utu.fi/converis/portal/Publication/42246815?lang=fi_FI



Academic Entrepreneurship as a social process (ACE)

The Academic Entrepreneurship as a social process (ACE) research project funded by the Academy of Finland continued successfully in 2019 in collaboration with research teams from the University of Eastern Finland. The project leader at the Turku School of Economics Professor Ulla Hytti is a guest editor for a special issue on "Unsettling Entrepreneurship Education" (together with Professor Karin Berglund and Senior Lecturer Karen Verduijn) for the Entrepreneurship Education and Pedagogy (coming out in 2020 <https://journals.sagepub.com/loi/eexa>). An open workshop on 'Unsettling Entrepreneurship Education' was co-organised by the editorial team at Turku School of Economics on Thursday 13th June 2019. The aim of the workshop is to nurture and provide space for alternative and inventive pedagogies to emerge. There were 25 participants from all over the country (and one even from abroad) enthusiastic and willing to explore the topic.

The ACE project hosted a research track in The Nordic Academy of Management 2019 conference, organized in Vaasa from 22 to 24 August 2019. The aim of the track was at establishing a stronger knowledge base about the growing diversity, ongoing change, and sustainability in academic entrepreneurship. Track was hosted by ACE project representatives Dr. Kirsi Peura from the entrepreneurship research unit, University of Turku and Dr. Kaisa Henttonen from the University of Eastern Finland Business School.

Strategic change in municipalities: Towards network structures

The municipality sector is going through turbulent times. Hence, new ways to cope and to create competitive advantage are needed. Entrepreneurial ways in organizing public services and engaging local businesses and citizens more to the value creation is called for. 'Strategic change in municipalities' project (2017-19) is offering the municipalities examples of the ways to act more entrepreneurially.

The project started from four themes (1) vitality, i.e. renewal, development and agility, (2) integration of services, (3) utilisation of networks in service production and development, and (4) managing the strategic change in the municipality sector. Building on these themes and real-life examples workshops with municipalities and their stakeholders were organized. Also a handbook with cases together with exercises describing ways to engage local stakeholders was produced. You can download Osallistamisella elinvoimaa - työkirja kunnille (in Finnish) on shorturl.at/aeYMU.

In 2019 the project organized two workshops. The first workshop focused on vitality of municipalities, on organizing business support and on engaging businesses and NGOs in local value creation. The second one concentrated on digitalization and the ways digital platforms can be utilized in co-creation activities between municipalities, citizens, businesses and third sector organisations. Both workshops attracted plenty of participants and the discussions were lively.

The research project was funded by Business Finland. It was run jointly with three municipal development projects (Sastamala, Merikarvia and Suupohja, where the latter is a federation of four independent municipalities). The project was led by Professor Ulla Hytti and the team included researchers Satu Aaltonen and Tanja Lepistö. Ulla and Satu work at the Entrepreneurship Unit in Turku and Tanja works at the Pori Unit.

Young people's paths to entrepreneurship in rural areas of Finland

YoungEntre project examines young people's current and future paths to entrepreneurship in rural areas of Finland. A well-functioning rural community requires a balanced population structure, the realization of which has long been hampered by the migration of young people to study and work in cities. To tackle this challenge we explore the role of entrepreneurship as a potential form of employment among rural youth. The aims of the study are threefold: to understand the mindset towards entrepreneurship among different groups within different types of rural areas, to recognize various alternative modes of entrepreneurship, and to investigate personal and educational driving forces towards entrepreneurship. Of particular interest are the possibilities of sharing economy, digitalization and experimentation culture in providing new paths to entrepreneurship among young people. In 2019 the focus was on data collection and preliminary analysis. A survey was targeted to students between 15-18 years of age from primary and secondary levels of education. We received altogether 402 responses. Furthermore, we conducted three focus group interviews among local experts and, additionally, interviewed six young entrepreneurs. The data were gathered across six case regions representing three rural types: rural area close to urban area, rural heartland area and sparsely populated rural area. YoungEntre is a three-year project (2018-2020) funded by the Ministry of Agriculture and Forestry of Finland (Makera Fund). The project is led by Professor Jarna Heinonen and the project team includes Professor Ulla Hytti and Senior Research Fellows Dr. Tommi Pukkine, and Dr. Pekka Stenholm.

Unlocking the value of Nordic bioresources – NordAqua

NordAqua is a five year (2017-2022) Nordic Centre of Excellence (NCoE) funded by NordForsk through the Nordic Bioeconomy Programme. The Entrepreneurship Unit is a part of the NCoE with a specific role in encouraging and studying commercialization and entrepreneurship within the NCoE. Entrepreneurship Unit contributes by bringing in better understanding on the challenges in commercializing research on blue bioeconomy. We study how scientists perceive and make sense of commercialization, the potential of their own ideas and business opportunities. In addition, we are investigating how scientists evaluate and make sense of their own troubles and successes in between science and business.

In NordAqua Annual Conference in March 2019 in Oslo, Norway Professor Jarna Heinonen presented some preliminary findings derived from the entrepreneurship workshops and interviews among NordAqua researchers. Her presentation titled "Entrepreneurship and Industry Collaboration" highlighted that an interest towards industrial collaboration and entrepreneurship reflects a phase of a researcher's academic career. Furthermore, the support of the home institution, such as a university, shapes one's position towards entrepreneurial endeavours. The research is still ongoing.

In fall 2019, some NordAqua researchers have also participated to the UTUGS (University of Turku Graduate School) course "Entrepreneurship for Research Professionals" targeted to doctoral candidates.

For more information: Professor Jarna Heinonen (jarna.heinonen@utu.fi) and www.nordaqua.fi.

Digital Futures

Network is the central component of Digital futures profiling area, and it brings together actors inside, around and away from the University as participants and partners in multidisciplinary research, projects and learning. Digital Futures activities included in 2019 two organized seminars at School of Economics and international collaboration continued with Stanford University, Northeastern University and Harvard University through various research activities and research seminars. Senior research fellow Seppo Poutanen gave a talk at Harvard University research seminar in May 2019. Seppo Poutanen was invited in 2019 to Scientific Organizing Committee of the International Triple Helix Conference, to be held in 2020.

INTERNATIONAL RESEARCH AND TEACHING COOPERATION

International cooperation has always been an important part of our work, and we have had international faculty both in research and teaching positions. In addition to international faculty, we consider researcher and teacher mobility to be very important and encourage our doctoral students, as well as postdoctoral researchers, to benefit from international visits. The Entrepreneurship unit has also been an attractive location for visiting researchers.

Ulla Hytti as a Visiting Professor at Nord University

Professor Ulla Hytti has been invited as a Visiting Professor (Professor II) at Nord University in Norway from 1 May 2019. Her role as a Visiting Professor is particularly focused on mentoring of early-career and mid-career academics at two campuses (Bodø and Steinkjer). The professorship extends the existing and long-term collaboration between entrepreneurship researchers at the University of Turku and Nord University.

Researchers from other universities visiting us:

- Associate Professor Jonathan Scott, Northumbria University, UK (May and December 2019)

Researchers visiting other universities:

- Professor Jarna Heinonen, Kingston University and King's College London, UK (May 2019)
- Professor Ulla Hytti, Nord University (February and November 2019)
- Postdoctoral Researcher Kirsi Peura, Norwegian University of Science and Technology, Norway (autumn 2019)

Research collaborators

We collaborate actively with a number of other national and foreign universities, institutions and networks. In 2019, we have conducted joint research projects at least with the following partners:

Aalto University, Finland
Aston University, UK
American University, USA
De Paul University, USA
Durham University Business School, UK
ESCP Europe Paris, France
Finnish Institute of Occupational Health, Finland
Gran Sasso Science Institute, Italy
King's College London, UK
Kingston University, UK
Ludwig-Maximilians-Universität, Germany
Lund University, Sweden
Nord University, Norway
Northeastern University, USA
Northumbria University, UK
NTNU, Norway

Royal Holloway, University of London, UK
Research Institute of the Finnish Economy, Finland
Stockholm School of Economics in Riga, Latvia
Stockholm University, Sweden
Universidad del Desarrollo, Chile
Universitat Autònoma de Barcelona, Spain
University of California, USA
University of Pretoria, South Africa
University of Southern Denmark, Denmark
University of South Florida, USA
University of Texas, USA
University of Utah, USA
University of Vaasa, Finland
VU Amsterdam, the Netherlands
Åbo Akademi University, Finland

Change of scenery gets gears working on again

Research visits are a good opportunity for researchers to focus on research and work with different research groups and professionals. I was on a three-month research visit in autumn 2019 in NTNU Norwegian University of Science and Technology, Department of Industrial Economics and Technology Management. NTNU is located in Trondheim, central Norway.

NTNU hosts one of the hubs of ENGage Centre for Engaged Education through Entrepreneurship (<https://engage-centre.no/>) that develops entrepreneurship education programmes for students from all disciplines. My interest to visit NTNU and ENGage activities was connected to the ENGage's ambitions in the entrepreneurship development that were similar to that of University of Turku. Additionally, I wanted to use the research visit to focus on writing and completing article manuscripts connected with Academic Entrepreneurship as a Social Process (ACE) research project. The change of both physical scenery and mental landscape opened me up to new influences, ideas, and encounters. I even got tips for my research from my neighbour! Besides ability to write and do research, I had fruitful discussions with colleagues in NTNU. I had also an opportunity to tell about my work and discuss possibilities for future collaboration. Also, during the visit I won together with Finnish colleagues a best paper award in an entrepreneurship education conference which was an important boost for my and our research work.

I also had several other unique experiences that I regard important takeaways from the visit. For example, I participated to entrepreneurship education workshop run by professors Heidi Neck and Candida Brush from Babson college, cheered one the team members in the research idea pitching competition broadcasted in the national television and celebrated the graduation of the first PhD in ENGage. In my leisure time, I enjoyed fantastic trekking routes and Norwegian craft beer. The visit brought me new energy to focus on my work in my own university.

Besides ACE –project I was fortunate to receive financial support for my visit from several sources that include Foundation for Commerce Education in Turku, Turku School of Economics Support Foundation, Turku University Foundation and The Finnish-Norwegian Cultural Foundation.

Kirsi Peura, PhD, Postdoctoral researcher



The Entrepreneurship Unit hosts or is a national partner in following research networks that work as platforms for active collaboration in research, knowledge dissemination, teaching and data collection:

European Council for Small Business and Entrepreneurship (ECSB)

We host the Secretariat of the European Council for Small Business and Entrepreneurship (ECSB). The ECSB is a research-driven non-profit organisation whose main objective is to facilitate the creation and dissemination of new knowledge through research and the open exchange of ideas between academia, education, policy and practice. Professor Ulla Hytti is a President-Elect and a member of the ECSB Board. Through the ECSB we reach a network of about 2000 entrepreneurship researchers and educators world-wide.



<https://ecsb.org/>

NordAqua

NordAqua is a five year (2017-2022) Nordic Centre of Excellence (NCoE) funded by NordForsk through the Nordic Bioeconomy Programme. The NordAqua NCoE is a hub of 10 Nordic universities and research institutes from 3 different Nordic countries, along with several industrial and societal partners. With the strong cooperation of its partners, the NordAqua consortium has the potential to accelerate the transition to the bioeconomy by promoting sustainability as an attractive investment for industry.



<https://www.nordaquafi.fi/>

Turku Centre for Labour Studies (TCLS)

We host the Turku Centre for Labour Studies (TCLS) research network which gathers multidisciplinary research on work and working life, including entrepreneurship and self-employment. TCLS acts at the University level and connects the seven faculties of the University of Turku, Åbo Akademi University and several other Research Units nationally and internationally. TCLS organises an international multidisciplinary research conference every second year as well as local seminars and does outreach activities locally and nationally, following the third task of the University. TCLS also coordinates the Multidisciplinary Working Life and Personnel Issues (TYHE) study programme developed and offered together with UTU faculties and Åbo Akademi.



<https://www.utu.fi/en/university/turku-school-of-economics/turku-centre-for-labour-studies-tcls>



Photos by Eija Vuorio



INSPIRING
LEARNING EXPERIENCES

**2515**

ECTS accomplished

**Balance**between academia
and business life**14**bachelor and master
level courses**11**dissertations
in progress**Several**participative methods
employed in each course

In entrepreneurship, we offer education at all academic degree levels. In addition, our faculty is active in training programmes offered for example to executive education, TSE exe, and to the Open University and in increasing amount also in other faculties of the University of Turku. The strengths of entrepreneurship education are embedded in the faculty's close connection to research in entrepreneurship. We also collaborate closely with student associations and Boost Turku – an open student-based entrepreneurship society for new start-ups. Guest lecturers from business life and international faculty are also a regular part of courses.

In Entrepreneurship studies, we aim to advance students' skills and know-how to recognize, create and exploit new business opportunities in all sectors. In our teaching we believe that entrepreneurship is about how you create a successful organisation in a dynamic and constantly changing business environment; how to recruit innovative employees, how to coordinate their work and how to build a productive and entrepreneurial organisational culture. In addition, we offer students both individual and societal views of entrepreneurship, for example an understanding of what kind of career opportunities entrepreneurship offers and how entrepreneurship is promoted in society.

Entrepreneurship as a discipline is highly research-oriented with numerous international research projects and significant outcomes (e.g. publications, scientific and societal impact). Consequently, Entrepreneurship is a relatively small discipline at the Turku School of Economics in terms of the number of major students. It is however, a very popular minor subject and also single courses reach wider audiences. Furthermore, the faculty has contributed to guiding and supervising degree students across disciplines. In addition, according to the spirit of the Entrepreneurial University Strategy an increasing amount of entrepreneurship studies are being offered to other faculties based on their needs.

Development of Entrepreneurship studies in terms of study credits and degrees 2013–2019

	2013	2014	2015	2016	2017	2018	2019
Study credits (ECTS)	2454	2590	2555	2598	3054	3209	2515
Graduated students (B.Sc.)	1	5	1	2	-	-	1
Graduated students (M.Sc.)	1	2	4	2	-	2	1
Graduated students (D.Sc.)	-	-	-	-	2	3	1

ENTREPRENEURSHIP STUDIES

Bachelor studies

Our aim at the bachelor level is to provide students with a theoretical and practical knowledge of entrepreneurship. Our bachelor studies focus on the entrepreneurial process and understanding the role of entrepreneurship at an individual and at a societal level. Entrepreneurship studies provide tools for students to work in a constantly changing, innovative business environment after graduation no matter their career choice. During entrepreneurship studies we emphasize active connections to business life e.g. through visiting lecturers and excursions.

Masters studies

Our master studies focus on enhancing research skills through courses related to theoretical perspectives, classics and current issues in entrepreneurship research and research methods. Master studies provide the opportunity to specialize in an interesting research area.

PhD studies

The primary purpose of PhD studies is the preparation of a piece of original entrepreneurship research. Our PhD studies are designed to train doctoral candidates as independent researchers, so that they can claim professional standing as academic staff or in a profession requiring skills in entrepreneurship research. PhD studies consist of a dissertation and PhD courses. The entrepreneurship research seminar series provides our doctoral candidates with excellent learning opportunities and also possibilities to discuss their PhD projects with peers and senior researchers and professors. Additionally, international research visits and fellowships are encouraged as a part of the PhD process.

Dissertations in progress at the Entrepreneurship Unit

There are 11 active PhD students in Entrepreneurship. The following six doctoral students were employed by the Entrepreneurship Unit in 2019:

Anna Elkina	<i>Entrepreneurial identity formation through entrepreneurial experience: an autoethnographic research</i>
Mohamed Farhoud	<i>Reward-based Crowdfunding as a catalyst of social enterprises' Legitimacy, Autonomy, and Performance</i>
Sanna Ilonen	<i>Entrepreneurial learning in entrepreneurship education in higher education (defense 2020)</i>
Laura Niemi	<i>Towards an interaction-based approach to entrepreneurship: Understanding the co-creation of new value (defense 2020)</i>
Matti Karinen	<i>Pathways to Primary Sector Legitimacy</i>
Mehdi Shafae	<i>From living in between two cultures to creating an entrepreneurial identity: a study of second-generation immigrant in Finland</i>

TSE entrepreneurial students in action!

– Greetings from YR6 Corporate entrepreneurship course & University of Turku honourable mention of year 2019

In the beginning of 2019, unusual things happened at TSE. These happenings were related to our YR6 Corporate entrepreneurship course. As a team challenge, our students were requested to make entrepreneurship and particularly entrepreneurial university visible among students and/or faculty members. The students had limited time to create the activity: only a couple of days. They were guided not to break laws, to remember good manners and not to disturb other classes at work but otherwise it was up to them to innovate entrepreneurial ways to raise awareness of entrepreneurial university. The learning experience was evaluated by the students themselves and us based on how entrepreneurial the idea was, how entrepreneurially they executed it, and finally how well they managed to engage with the target group and create awareness – in addition to action, reflection had an important role in the learning experience.

So what happened? Students interviewed peers on Entrepreneurial university, weird “parking” tickets were hung up on the car windows, new Entrepreneurial University advertisements were shown in the Mercator screen, and new pictures were visible in social media to name but few. For us educators it meant that we needed to allow the students to learn and experience entrepreneurship by themselves rather than us preaching about it. We needed to trust on the process and just to let go ‘teaching’ and detailed instructions of the team challenge. We sincerely believe, that the challenge did create inspiring learning experiences and supported their creativity.

This team challenge and flipped class room also challenged us educators. Our role was to remain waiting for what happens. Of course, we secretly feared that nothing happens at all. Luckily, that was not the case, but our students managed to do take many actions that demonstrated their entrepreneurial behaviour. We are very inspired and honoured that based on students’ and faculty members’ suggestions, our YR6 course received University of Turku honourable mention of year 2019, that was given by rector Jukka Kola, vice rector Riitta Pykkö, and chair of the Student Union Sini Saarinen in the Opening Carnival of the academic year 2019-2020. In the ceremony, the course and its learning environment were described as challenging, different, but very inspiring!



Startup! Course Highlights - Turku-based Cuitu JA Became the Best Higher Education Company in Finland in 2019

On May 9, 2019, Uskalla yrittää ('Dare to be entrepreneurial') -final rewarded the best Junior Achievement (JA) companies in Finland. Turku won two prizes, when Cuitu JA from the University of Turku and the Turku University of Applied Sciences was awarded as the Best Higher Education JA Company, and Hempee JA, a joint venture of the Humak University of Applied Sciences, the University of Turku and the Åbo Akademi University, was awarded as the Best Higher Education Sales Team.

Uskalla yrittää is a national competition of startup programs for upper and lower secondary schools and higher education institutions run by JA Finland. In the programs, young people run their real money JA businesses during the school year. In Turku the Startup! Course is organized in collaboration between two universities and two universities of applied sciences.

The grand prize winner, Cuitu JA, founded on the Startup! Course, manufactures design products made from new eco-friendly materials and provides commercialization services to the material producers. The jury thanked the winner for strong team and brand expertise. Cuitu JA represented successfully Finland in the JA Entrepreneurs' European Championships in Oslo. The Startup! Course also took home another victory in the national final. Hempee JA, the award winner of the best sales team in the national final, produces ecological sex toys from hemp. It received praise from the jury for good team dialogue, a bold idea, and a product with clear market potential.

The Startup! Course has been highly successful over the years in the national finals. A unique feature of the course is interdisciplinary teams. Each team has 3-5 five members from at least two different schools or disciplines. Another characteristic feature of the course is action learning where start-up teams put a lot of effort on validating their ideas by continuously interacting with potential clients and other stakeholders. Yet another specialty of the course is that students have the entrepreneurial agency. The course requires an active and self-directed activity of the teams who take responsibility of their own learning throughout the course. The course lasts a full spring semester during which the teams meet regularly, develop and test business models and products/services, and engage in various activities such as assignments, group discussions, pitching, demos and competitions. After the course, students have first-hand experience in creating and testing business ideas. The course develops students' business and innovation skills, which can be used in a wide variety of ways in working life, both in paid employment and as an entrepreneur. At the same time, the course develops students' problem-solving, teamwork, project management, communication and networking skills.



Cuitu JA (from left) Vilma Piironen (UTU), Evi Oivanen (UTU), Tuomas Mäkelä (TUAS), Anna Kytövuori (UTU), Moona Haapala (UTU). Photo by JA Finland.

Doctoral Defense in Entrepreneurship by Saheed Gbadegeshin

MSc, MBA Saheed A. Gbadegeshin defended his dissertation "The commercialization process of high technologies : case studies of high technologies from ICT, cleantech and life sciences industries" on the 13th of December, 2019 in the Turku School of Economics, University of Turku. Saheed was happy to have Professor Jarna Heinonen and Professor Anne Kovalainen as her supervisors and Professor Jari Salo from the University of Helsinki and Professor Thomas Cooney from Dublin Institute of Technology as pre-examiners of the dissertation. Professor Jari Salo served as an opponent in the defence.

The doctoral study aimed to investigate how high technologies are commercialized, especially in ICT, Cleantech and the Life Sciences industries to provide a better understanding of the commercialization process. The study employed a case study research method to achieve its goal. It used interviews, an online survey, observations and documentary for data collection, and content and thematic methods for data analysis.

Based on the findings, the study proposed a new model for commercializing high technologies in the above-mentioned industries; a framework termed the "Integrative Commercialization Process" (ICP). The study reveals that many technologies are developed yearly, but most of these technologies are not exploited. Meanwhile, introducing new technologies make companies prosperous and provides income for the innovators. Therefore, it is essential to commercialize the new technologies so that returns can be 'paid back'. It is even more important in the ICT, Cleantech and Life Sciences to commercialize their new technologies because their technologies require significant investment to develop. These challenges have motivated Saheed Gbadegeshin to conduct his doctoral research on the commercialization process.

The study provided practical insight for the stakeholders of the aforementioned industries, especially potential entrepreneurs (e.g., scientists and engineers), technology entrepreneurs, entrepreneurship educators, commercialization practitioners, universities and research institutes and companies.



OTHER ENTREPRENEURSHIP EDUCATION ACTIVITIES

Entrepreneurial thinking and business models in executive education

Entrepreneurship has an important role in most executive education programmes offered by TSE exe. Members of our staff work as teachers and experts in the programmes and also supervise EMBA and JOKO theses. Our entrepreneurship faculty contributes mainly to one of the EMBA programmes' four learning goals, namely "the graduates have the ability to lead and contribute to business renewal". The main themes related to entrepreneurship and discussed in the programme include for example an entrepreneurial twist and corporate entrepreneurship at work as well as new business opportunities and opportunity creation and lean start-ups. The EMBA students submit an assignment on "Entrepreneurial thinking and business models" to Associate Professor Pekka Stenholm and Senior Research Fellow Dr. Tommi Pukkinen based on the one-day entrepreneurial workshop. In addition, Professor Jarna Heinonen serves as Chair of the EMBA Programme Committee which is responsible for assuring the quality of and increasing faculty commitment in the EMBA programme of TSE.

Entrepreneurship and Innovation expertise to the Kingdom of Saudi Arabia

Saudi Arabia has set economic diversification as the country's objective: entrepreneurship and innovations have a central role in the Saudi Mission 2030 strategy. In a line with this, the Saudi Arabian universities aim to offer their students possibilities to enhance their competencies and opportunities to engage in entrepreneurship.

In a week-long workshop organized in November 2019, university teacher Sanna Ilonen and university lecturer Joachim Ramström from the University of Turku trained around 160 teachers and members of staff of the Saudi Arabian Imam Abdulrahman Bin Faisal university to incorporate entrepreneurship education in the university's study programmes. These new entrepreneurship and innovation courses will to be included in both business and non-business disciplines.

- The first entrepreneurship courses have already started in Imam Abdulrahman Bin Faisal university, and more will follow in the near future, Ilonen describes the current situation.
- Organising a workshop promoting entrepreneurship and innovation education felt very natural to us as it's based on our expertise both in education and in research, Ramström says.



In addition to organising the workshop, Ilonen, Ramström, and Key Account Manager of Finland University Ari Koski acted as keynote speakers and participated in a large, international panel discussion on Finnish education success in entrepreneurship and innovation.

INTERACTION WITH SOCIETY

Our activities contribute significantly to the third task of the university: societal impact and interaction with society. Our close relationships with business life and policy makers indicate that our expertise in entrepreneurship research, education and development is relevant for and appreciated by society in general, and our customers in particular. Our staff serve as board members in different organisations and their expertise is continuously requested in national and international expert assignments such as for the OECD and the European Science Foundation.

The research done at the Entrepreneurship Unit has wide impact as outcomes have contributed to societal policies and decision-making. Our research has been used for instance in designing legislation, re-organising the activities of specific public agencies supporting SMEs, and informing entrepreneurship policy makers of research findings. Good examples of such research activities with both scientific and societal impact is the SWiPE research project (see societal interaction in the SWiPE project below) funded by the Academy of Finland and the Strategic Research Council and DISCE research project funded by the Horizon 2020 Programme of the European Commission. Communication and dissemination activities are an integral part of the research projects which, based on quality research aims at making an impact on society and the economy.

SOCIETAL INTERACTION IN RESEARCH – SWiPE RESEARCH CONSORTIUM

Communication and dissemination activities were integrally part of SWiPE, and research produced knowledge for the use of decision makers. In 2019, SWiPE consortium researchers participated in several societal and economic discussions. In 2019, SWiPE produced four policy briefs informing decision makers concisely of platform work and its sustainable solutions; work safety, occupational health and employment in platforms; immigrant participation and employment; as well as the transformation of work and its effects on productivity. In addition, SWiPE organised a seminar on EU Policies and Initiatives on Platform Work and Light Entrepreneurship. The keynote speaker was Marco Torregrossa, the secretary general of the European Forum for Independent Professionals. SWiPE consortium leader Anne Kovalainen was invited to give a plenary talk on digital work and sustainable platform economy in a high-level conference for officials called Enhancing Sustainable Growth: Skills and Smart Work Organization in the Digital Era. The conference was organized by the Ministry of Economic Affairs and Employment of Finland in connection with the EU Presidency and its informal meeting of competitiveness ministers. SWiPE participated Science meets election event where researchers and parliamentary candidates discussed topical societal themes. In addition, SWiPE was active in producing the Workcast podcasts discussing about platform work as well as entrepreneurship and work paths of immigrants. In 2019, SWiPE was one of the main organisers of the international and interdisciplinary WORK2019 conference. SWiPE consortium's work culminated in the concluding seminar held at the WORK2019 conference in August 2019. Other societal interactions during 2019 included active conference participations, visits, presentations and media interactions.



Business Innovation Camp in Boston

In October 2019 a group of students and faculty members participated in the Business Innovation Camp in Boston together with two corporate partners, Finnair and IBM Finland.

Business Innovation Camp is an innovation concept of Turku School of Economics organized by the Center for Collaborative Research. In the form of a camp-based partnership, business partners present a business challenge, which is tackled in a week-long innovation process. Like in other international Business Innovation Camps, Senior Research Fellow Pekka Stenholm and group of faculty members facilitated the process, during which a group of selected final-year students from the School of Economics pursued new validated solutions for the given challenge.

– Once again we were intrigued by the students' skills to quickly adopt and process new knowledge to solve the challenge set by corporate partners, Stenholm addressed.

IBM Finland and Finnair of a future customer-oriented and at the same time sustainable food supply chain. After the pitching, the jury chose the Trash2Cash concept developed by Tuulia Kailajärvi and Tiina Määttä from the three great ideas in the final of the camp.

Antti Saurama, Director of Corporate Cooperation at Turku School of Economics, is very pleased with the implementation and results of the camp and its positive impact on the cooperation.

– The Boston Innovation Camp was a good example of how an innovation concept can bring academia and industry together in a win-win situation. The results convinced all parties, which motivates us as the organizers of the Camp to continue to cooperate in the future, said Saurama.

Corporate partners are pleased with the students' excellent performance

Finnair's Digital Transformation Lead Patrik Etelävuori said that Finnair was expecting good results from the Boston Innovation Camp.

– Even before the start of the camp, the students showed great interest and initiative in the challenge. However, Camp's results exceeded our high expectations. We could not imagine that students would, in such a short time, adopt the main features of the Finnair Kitchen production chain, from which they could identify the key issues of the challenge and focus their solutions on them.

Maarit Palo, Senior Vice President, Public Relations and Nordic University Relations at IBM, said that IBM was eager to join the Business Innovation Camp concept, a new experience that represents the true challenge of the customer's business.

– We provided students with information on technological opportunities in the industry, with a particular focus on the challenge posed by Finnair Kitchen. We wanted to provide students with local and international expertise in, for example, Food Traceability with Food Chain Technology, as well as examples of the potential and implementation of artificial intelligence in supply chain management.

According to Palo, the students' dedication and work on the challenge was wonderful to follow.

– We were able to follow the great work and results of future creators. We also learn a lot during Camp. We invited the students at the IBM Think Summit this fall, where we were invited to get more inspiration from things like artificial intelligence and how to build the best in the world together, Palo said.

The Business Innovation Camp is implemented together with partner companies and universities for about a week both in Finland and abroad. Students are selected for each Camp on the basis of applications.

BLOGS AND SOCIAL MEDIA

Social media and other accessible channels are used to communicate our research and activities to international and domestic stakeholders and networks in an accessible and open manner. Open engagement with society is a central component of our activity at the interface of scientific study and societal dynamics in themes of entrepreneurship, changing modes of work and the digital future. We communicate via our Unit's social media channels, mainly Facebook, Twitter and Instagram. In addition, bigger projects such as SWiPE and DISCE have also their own social media channels in use.

Social media is important also in teaching. Major and minor studies students on both graduate and undergraduate levels are engaged with the unit's activities through a number of social media channels including Facebook, Twitter and Instagram and social media is also used as a teaching tool. Our teaching leverages the openness and accessibility of social media to communicate current events and promote active participation both inside and outside the classroom. The unit's social media presence is coordinated at the unit level, but, more importantly, is based on the activity of a number of staff members taking part in important conversations across society.

Communication and dissemination of H2020 project DISCE

Three-year long H2020 project DISCE – Developing Inclusive and Sustainable Creative Economies – was launched in 2019, and communication and dissemination have played a vital role right from the beginning of the project. In addition to a website, social media channels including Facebook, Twitter, Instagram, LinkedIn and YouTube were set up to amplify the resonance of the project and promote its visibility to a wide range of audiences. The use of various channels is based on the internal social media strategy. In addition to communication and dissemination purposes, social media have also been used to enhance stakeholder engagement. Partners are engaged to dissemination and are actively sharing and re-tweeting posts to gain a wider reach. It is estimated that DISCE's social media activities (including all posts, messages and interactions about DISCE in social media) have reached over 155 000 people in 2019.

Follow us in various social media channels through the links below:



Entrepreneurship Unit's Facebook / [@tseentrepreneurship](https://www.facebook.com/tseentrepreneurship/?fref=ts) / <https://www.facebook.com/tseentrepreneurship/?fref=ts>
DISCE Facebook / [@discee](https://www.facebook.com/discee/) / <https://www.facebook.com/discee/>



Entrepreneurship Unit's Twitter / [@tseentre](https://twitter.com/TSEentre) / <https://twitter.com/TSEentre>
DISCE Twitter / [@DISCE_EU](https://twitter.com/DISCE_EU) / https://twitter.com/DISCE_EU
SWiPE Twitter / [@swipe_STN](https://twitter.com/swipe_STN) / https://twitter.com/swipe_STN



Entrepreneurship Unit's Instagram / [@tseentrepreneurship](https://www.instagram.com/tseentrepreneurship/) / <https://www.instagram.com/tseentrepreneurship/>
DISCE Instagram / [@disce_eu](https://www.instagram.com/disce_eu/) / https://www.instagram.com/disce_eu/



DISCE LinkedIn / [DISCE EU](https://www.linkedin.com/company/disce-eu/) / <https://www.linkedin.com/company/disce-eu/>
DISCE YouTube / [DISCE EU](https://www.youtube.com/channel/UCSP0-1KVOCFVnEQndUjWJTw) / <https://www.youtube.com/channel/UCSP0-1KVOCFVnEQndUjWJTw>

APPENDICES

Professional and community relations

Community relations

Project Researcher Satu Aaltonen

- European Council of Small Business and Entrepreneurship (ECSB), Member

Project Coordinator Elisa Akola

- European Council of Small Business and Entrepreneurship (ECSB), Executive Secretary and Member

Doctoral Candidate Mohamed Farhoud

- The African Network for Social Entrepreneurship Scholars, co-founder and coordinator
- Africa Academy of Management, Member

Professor Jarna Heinonen

- Turun Seudun Osuuspankki (Turku Area Co-operative Bank), Board Member and Chair
- TOP-säätiö (TOP Foundation), Board Member and Chair
- OP osuuskunta (OP co-operative), Member of Supervisory Board, Member and Chair of the Auditor Committee of the Supervisory Board, Member of Working Committee of the Supervisory Board
- Finnish Cultural Foundation in South-West Finland, Member and Vice-Chair of the Board, Chair of the Group (social sciences and economics)
- Economic Policy Working Group, Turku Chamber of Commerce, Member
- The Research Committee of the Finnish Family Firm Association, Member
- Working Group for Policy relevant research on entrepreneurship and SMEs, EU Commission, Member
- European Council of Small Business and Entrepreneurship (ECSB), Member

Professor Ulla Hytti

- European Council for Small Business and Entrepreneurship (ECSB), President-elect and Board Member
- Scientific Association for Entrepreneurship Education, Member of Board, Vice Chair
- Academy of Management (AoM), member

University Teacher Sanna Ilonen

- European Council of Small Business and Entrepreneurship (ECSB), Member

Professor Anne Kovalainen

- Finnish Academy of Science and Letters, Member
- Member of Steering Group, Research Project on Social Sector Personnel, Ministry of Social Affairs and Health
- Review Panel Member of several Academies of Sciences
- European Science Foundation, Member of the College of Review Panel
- Member of several international science associations (ASA, 4S, ISA)
- Expert opinion in Parliamentary Hearing on 24.1.2019 in the Finnish Parliament

Postdoctoral Researcher Kirsi Peura

- European Council of Small Business and Entrepreneurship (ECSB), Member
- Scientific Association for Entrepreneurship Education, Member
- Association of Businessmen in Turku, Member

Senior Research Fellow Seppo Poutanen

- National Science Foundation (USA), Member of the Evaluation Faculty
- European Science Foundation, Member of the College of Review Panel
- International Sociological Association (ISA), European Sociological Association (ESA), British Sociological Association (BSA), American Sociological Association (ASA) and Society for Social Studies of Science (4S), Member

Senior Research Fellow Pekka Stenholm

- Academy of Management (AoM), Member
- European Council of Small Business and Entrepreneurship (ECSB), Member Foundation of Turun Urheiluliitto, Board Member

University administration

Professor Jarna Heinonen

- Education Development Committee, University of Turku, School of Economics, Member
- EMBA Programme Committee, University of Turku, School of Economics, Member and Chair
- Vice-Head of the Department of Management and Entrepreneurship
- Turku School of Economics, Deputy Member of Board

Professor Ulla Hytti

- Member of the planning committee for Education within UTUGS (University of Turku Graduate School) University of Turku
- Member of the Committee for Research and Doctoral Studies, Turku School of Economics, University of Turku
- Member of the Steering Committee of the Doctoral Programme at the Turku School of Economics, University of Turku

Postdoctoral Researcher Kaisa Hytönen

- Member of a steering group, Appreciation and support for Researchers-project, University of Turku

Professor Anne Kovalainen

- Turku Centre for Labour Studies, University of Turku, Director and Chair of Board
- Turku University Institute for Advanced Studies (TIAS), Member of Board
- University Profiling area in Digital Futures, Chair and member of the organising group

Postdoctoral Researcher Kirsi Peura

- Member of the Steering Committee of Faculty development programme of entrepreneurship and entrepreneurial behaviour in university teaching, University of Turku

Senior Research Fellow Seppo Poutanen

- Member of Steering Committee for organising "Interdisciplinarity at the University of Turku" Meeting 24.-25.10.2019

University Teacher Sanna Ilonen

- Member of the Steering Committee of Bachelor Programme of International Management and Entrepreneurship at the Turku School of Economics, University of Turku
- Universitas Turku, Steering group member
- Turku University Library (alakampus), Deputy Member of Advisory Board

Activities in the scientific community

Positions of trust

Doctoral Candidate Mohamed Farhoud

- Editorial board membership: Teaching cases on Social Entrepreneurship in Africa, Emerald

Professor Jarna Heinonen

- Editorial board memberships: International Small Business Journal; Journal of Global Entrepreneurship Research; Journal of Small Business Management
- Expert assignments: Member of a preparatory committee for professorship in Organisation and Management (Åbo Akademi University); Evaluation statements given to several funds and foundations. Due to confidentiality all foundation and fund details withdrawn.

Professor Ulla Hytti

- Editorial board memberships: Journal of Small Business Management (Associate Editor), International Journal of Entrepreneurial Behaviour and Research, International Journal of Entrepreneurship and Innovation, Yrittäjyyskasvatuksen aikakauskirja (Editor)
- Expert assignments: Evaluation of funding applications for a postdoctoral fellowship application submitted in the frame of the Research Foundation Flanders, International Panel Member for reviewing Proposals to the Strategic Alignment of Teaching and Learning Enhancement Funding in Higher Education 2019 for National Forum for the Enhancement of Teaching and Learning in Higher Education in Ireland

Postdoctoral Researcher Kaisa Hytönen

- Editorial board membership: Ammattikasvatuksen Aikakauskirja

Professor Anne Kovalainen

- Editorial board memberships: International Small Business Journal, Research in the Sociology of Work, Journal of Global Entrepreneurship Research
- Expert assignments: Individual and Programme level grants evaluation for the Netherlands Research Council, Evaluation statements given to several funds and foundations, due to confidentiality details withdrawn.

Postdoctoral Researcher Kirsi Peura

- European Advisory Board member and External evaluator in the BLUES Blended-Learning International Entrepreneurship Skills Programme
- Member of the Steering Committee of Entrepreneurship and entrepreneurial behaviour, National spear head project part of key projects for the implementation of Government Programme

Senior Research Fellow Seppo Poutanen

- Member of the Advisory Board of CALIPER-project 2018-

Senior Research Fellow Pekka Stenholm

- Editorial review board memberships: Management Decision, Small Business Economics, International Small Business Journal

Ad hoc referee for journals

Ammattikasvatuksen Aikakauskirja
British Journal of Management
Education and Training
Entrepreneurship Education and Pedagogy
Entrepreneurship and Regional Development
Entrepreneurship Theory and Practice
European Management Review
Frontline Learning Research
Gender, Work and Organization
Industry and Higher Education
International Journal of Entrepreneurial
Behaviour and Research
International Journal of Entrepreneurship and
Small Business

International Small Business Journal
Journal of Business Venturing
Journal of Gender Studies
Journal of Small Business and Enterprise
Development
Journal of Small Business Management
Journal of World Business
Management Decision
Management Research Review
Scandinavian Journal of Management
Small Business Economics
The Learning Organization
Tourism and Hospitality Research
Yrittäjyyskasvatuksen aikakauskirja

Referee for book proposals and chapters

- Review on a book chapters for Emerald, Springer and Routledge

Referee for conferences

- 3E Conference (ECSB Entrepreneurship Education Conference)
- Academy of Management Annual Meeting
- Babson 2020 Conference
- European Academy of Management Annual Meeting
- Finnish Entrepreneurship Education conference (Yrittäjyyskasvuspäivät)
- RENT Research in Entrepreneurship and Small Business Conference
- WORK2019 Conference

Awards, prizes or honours

Professor Jarna Heinonen was awarded with Gebhard Medal for her meritorious life work in OP Group.

Professor Jarna Heinonen and *University Teacher Sanna Ilonen* were awarded Honourable mention of the Year 2019 on the Course Corporate Entrepreneurship by University of Turku and its Student Union, September 2019.

Professor Ulla Hytti was appointed as a tenured Professor of Entrepreneurship from 1 October 2019 at the University of Turku.

Professor Ulla Hytti received the 8th European Entrepreneurship Education Award 2019 presented by the Sten K. Johnson Centre for Entrepreneurship at Lund University.

Professor Ulla Hytti was nominated as the President-elect for the European Council for Small Business and Entrepreneurship (ECSB), the presidency starting in November 2021.

Professor Anne Kovalainen was invited as a member of The Finnish Society of Sciences and Letters.

Postdoctoral Researcher Kirsi Peura was awarded with her research team with a best paper award in the Finnish Entrepreneurship Education conference in 2019.

Activities in conferences, workshops and seminars

Project Coordinator Elisa Akola

- Organising committee member at 3E (ECSB Entrepreneurship Education) Conference 2019 in Gothenburg, Sweden

Doctoral Candidate Mohamed Farhoud

- Keynote speaker at Crowdfunding for scientific research conference in Pretoria, South Africa
- Organiser and PhD seminar moderator in a Research workshop on Social Entrepreneurship: Forming research collaboration in Africa at the University of Pretoria, South Africa

Professor Ulla Hytti

- Keynote speaker at the European Entrepreneurship Education Workshop in Lund, Sweden
- Keynote speaker at ESU 2019 Conference and Doctoral Programme in Naples, Italy

Postdoctoral Researcher Kaisa Hytönen

- Organising committee member at WORK2019 Conference in Helsinki, Finland

University teacher Sanna Ilonen

- Keynote speaker at Finnish Education Success in Entrepreneurship and Innovation Forum in Dammam, Saudi Arabia

Professor Anne Kovalainen

- Principal organiser, chair and track chair at WORK2019 Conference in Helsinki, Finland

- Scientific committee chair at WORK2019 Conference in Helsinki, Finland
- Keynote speaker at Union for University Professors 50 year Seminar in Turku, Finland
- Keynote speaker at New Work and New Forms of Work, Akava Seminar on transformations at work
- Keynote speaker at Foresight Conference, Ministry of Employment and Economic Affairs in Helsinki, Finland
- Presentation at Society for Social Sciences, 4S conference in New Orleans, USA
- Presentation at Second Annual Conference 'Capitalism, Social Science and the Platform University' in Lancaster, UK

Postdoctoral Researcher Kirsi Peura

- Track chair at The 25th Nordic Academy of Management Conference 2019 in Vaasa, Finland
- Host of the annual Entrepreneurship Day (spring and fall) 2019, University of Turku, Finland

Senior Research Fellow Seppo Poutanen

- Scientific committee member at WORK2019 Conference in Helsinki, Finland
- Session chair at the WORK2019 Conference in Helsinki, Finland
- Presentation at Second Annual Conference 'Capitalism, Social Science and the Platform University' in Lancaster, UK

Senior Research Fellow Tommi Pukkinen

- Presentation at the Annual Meeting of The Finnish Society for Rural Research and Development in Ähtäri, Finland

Project Researcher Marja Rautajoki

- Organising committee member at WORK2019 Conference in Helsinki, Finland

Project Researcher Sanna Rouhiainen

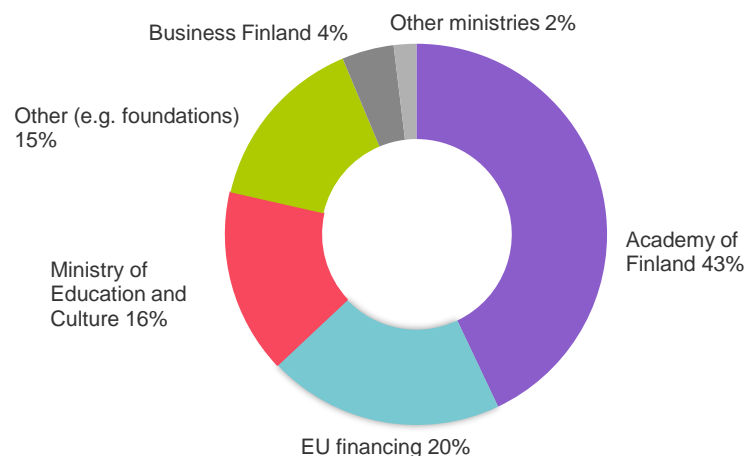
- Presentation at Sociology Days 2019 'Various Faces of Inequality' in Turku, Finland

Senior Research Fellow Pekka Stenholm

- Session chair at AOM2019: Academy of Management Annual Meeting in Boston, MA, USA.
- Session chair at Babson 2019 conference in Wellesley, MA, USA

Main sources of finance

In 2019, the unit's revenues were 625 000 EUR. The most important financiers were the Academy of Finland, the European Commission and the Ministry of Education and Culture. The main sources of finance are represented below:



Publications

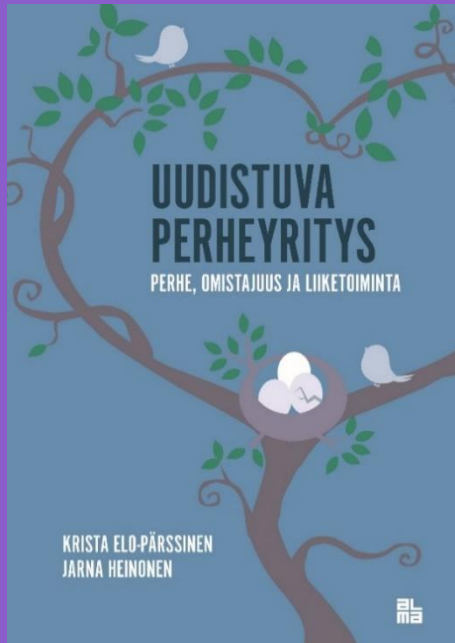
Journal articles and editorials

- Amoros, J.E., Stenholm, P., Pizarro, V.M. & Ciravegna, L. (2019) Necessity or Opportunity? The effect of state fragility and economic development on entrepreneurial efforts. *Entrepreneurship Theory and Practice*, 43(4), 725–750.
- Gbadegesin, S.A. (2019) The effect of digitalization on the commercialization process of high-technology companies in the life sciences industry. *Technology Innovation Management Review*, 9(1), 49–63. <http://dx.doi.org/10.22215/timreview/1211>
- Kovalainen, A., Poutanen, S., Rouvinen, P. & Seppänen, L. (2019) Alustatalous muuttaa työtä, mutta millä tavalla? *Talous ja Yhteiskunta*, 47(2), 24–29.
- Räty, H., Komulainen, K., Hytti, U., Kasanen, K., Siivonen, P. & Kozlinska, I. (2019) University students' perceptions of their abilities relate to their entrepreneurial intent. *Journal of Applied Research in Higher Education*, 11(4), 897–909. <http://dx.doi.org/10.1108/JARHE-07-2018-0119>
- Räty, H., Kozlinska, I., Kasanen, K., Siivonen, P., Komulainen, K. & Hytti, U. (2019) Being stable and getting along with others: perceived ability expectations and employability among Finnish university students. *Social Psychology of Education*, 22(4), 757–773. <http://dx.doi.org/10.1007/s11218-019-09510-9>
- Seppänen, L., Poutanen, S. & Rouvinen, P. (2019). Millaista yrittäjyyttä alustatyö edistää? *Työpoliittinen aikakauskirja*, 62(1), 20–28. (Awarded as the best article of the journal in the year 2019.)
- Siivonen, P.T., Peura, K., Hytti, U., Kasanen, K. & Komulainen, K. (2019) The construction and regulation of collective entrepreneurial identity in student entrepreneurship societies. *International Journal of Entrepreneurial Behaviour and Research*, 26(3), 521–538, <http://dx.doi.org/10.1108/IJEBr-09-2018-0615>
- Stenholm, P. & Nielsen, M.S. (2019) Understanding the emergence of entrepreneurial passion: The influence of perceived emotional support and competences. *International Journal of Entrepreneurial Behavior & Research*, 25(6), 1368–1388, <http://dx.doi.org/10.1108/IJEBr-02-2018-0065>

Books, book chapters and book reviews

- Aaltonen, S. (2019) Book review: Social innovation and sustainable entrepreneurship. *International Small Business Journal*, 37(5), 551–552. <https://doi.org/10.1177/0266242618823112>
- Aaltonen, S. & Akola, E. (2019) The case story of Inga, an Estonian craft shop owner in Finland. The Nordic diaspora – so familiar but so different. In M. Elo & I. Minto-Coy (eds.) *Diaspora Networks in International Business. Perspectives for Understanding and Managing Diaspora Resources and Business*, 357–371. Springer, Germany. DOI: 10.1007/978-3-319-91095-6_18
- Elkina, A. (2019) Book Review: Disclosing entrepreneurship as practice. The enactive research. *International Small Business Journal*, 37(6), 664–665. <https://doi.org/10.1177/0266242619828013>
- Elo-Pärssinen, K. & Heinonen, J. (2019) *Uudistuva perheyrittäjä: perhe, omistajuus ja liiketoiminta*. Alma Talent Oy.

How do family firms renew themselves? How does the owning family influence firm renewal? What are the tensions involved in family business renewal?



The book *“Renewing family business. Family, ownership and business”*, by Dr. Krista Elo-Pärssinen from the Family Business Network and Professor Jarna Heinonen, focuses on the ways in which Finnish family businesses renew themselves and create value across generations. The book combines family and entrepreneurship research with fresh insights from 11 family business owners who have renewed and changed their firms.

The study portrays a multifaceted picture of family business renewal and their future perspectives. There are several ways to tackle the challenges, but surely no one way, which fits all family businesses.

It seems that the next generation builds upon the existing traditions but brings in something new and different in order to develop the competitiveness of the family firm and to secure its longevity. Family business owners also benchmark and copy their competitors and peers. Indeed, family business renewal consists of “something new, something old, and something borrowed”,

Family businesses balance with traditions and renewal which imply some tensions, if not even paradoxes: traditions vs. changes; growth of family wealth vs. business growth; predecessor’s control vs. successor’s independency, and finally loyalty to the family vs. individualism. Family business renewal is all about balancing between these tensions.

The book was launched in 1.4.2019 in the new city library Oodi, in Helsinki.



The book

*“Uudistuva perheyrittäjä.
Perhe, omistajuus ja liiketoiminta”*

written in Finnish
can be bought from

shorturl.at/eqql5

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