

Research News of the University of Vaasa

September 2013

New Funding and Research Projects (< 10 000 €)

Maaseutukatsaus, Senior Researcher **Olli Voutilainen**, Levón Institute, Ministry of Agriculture and Forestry, 18 000 €

Kasvustrategiat elintarvikealalla, Professor **Marko Kohtamäki**, Department of Management, Tekes 90%, total 100 000 €

Roll-out of 50/50 initiative to Unlock Energy Saving in Schools and Other Public Buildings, Senior Researcher **Merja Pakkanen**, Levón Institute, European Commission 75%, total 113 831 €

Consumer Financial Literacy and Overindebtedness, Professor **Panu Kalmi**, Department of Economics and Business Law, Academy of Finland, 230 558 €

From Mass Customization to Global Manufacturing, Project Researcher **Yohanes Kristianto Nugroho**, Department of Production, Academy of Finland, 231 990 €

Influence Without Authority: Examining the Agency and Actions of Human Resource Professionals, Professors **Vesa Suutari** and **Adam Smale**, Department of Management, Academy of Finland, 299 844 €

Occupational Well-being of International Professionals in Contemporary Working Life, Assistant Professor **Liisa Mäkelä**, Department of Management, Academy of Finland, 260 500 €



– The aim of this cross-disciplinary research is to contribute to our current understanding of occupational well-being among different types of international professionals such as organizational and self-initiated expatriates, short-term expatriates, global careerists and international business travelers, Mäkelä explains. – Project contributes to the fields of business management and work psychology. Both qualitative and quantitative research methods will be adopted. Data to be utilized in this project includes existing data sets and data to be collected during the project.

Dissertations

24.8. **Emmanuel Ndzibah**: *Marketing Mechanisms for Photovoltaic Technology in Developing Countries - Case Ghana*. Field of Study: Industrial management.

9.8. **Vanja Piljak**: *Essays on the Co-movement Dynamics of Frontier/Emerging and Developed Financial Markets*. Field of Study: Accounting and Finance.

11.6. **Pekka Peura**: *From Unlimited Growth to Sustainable Energy. The Origin of Operational Patterns by Means of Social Selection*. Field of Study: Industrial management.

4.6. **Teppo Fors**: *Improving Operational Performance within Social Housing*. Field of Study: Industrial management.

Recent Publications and Scientific Articles

Several high-quality articles¹ have been published by the researchers of the university.

For example from the Faculty of Humanities Professor **Esa Lehtinen** published in Patient Education and Counseling journal an article *Hedging, Knowledge and Interaction: Doctors' and Clients' Talk about Medical Information and Client Experiences in Genetic Counseling*.

Professor **Seija Virkkala** and Research Manager **Åge Mariussen** edited a compilation Learning Transnational Learning, published by Taylor & Francis. They also have several chapters in the book. Professor **Esa Hyryläinen** wrote a chapter *New Public Management as a Global Community Promoting Transnational Learning: Agencification as an Example* to same compilation.

From the Faculty of Business Studies article *Making a Profit with R&D Services - The Critical Role of Relational Capital* was written by Professor **Marko Kohtamäki**, **Jukka Partanen** and **Kristian Möller**. It was published in level 3 journal Industrial Marketing Management.

Professor **Adam Smale**, **Ingmar Björkman**, **Mats Ehrnrooth** and **Jennie Sumelius** wrote an article *Explaining Stakeholder Evaluations of HRM Capabilities in MNC Subsidiaries* to Journal of International Business Studies (level 3 journal.) He also wrote with **Yi-Ying Chang** an article *Expatriate Characteristics and the Stickiness of HRM Knowledge Transfers* to International Journal of Human Resources Management.

Professor **Sami Vähämaa** wrote an article *US Presidential Elections and Implied Volatility: The Role of Political Uncertainty* to the Journal of Banking and Finance. He also wrote together with Professor **Kim Ittonen** and Assistant Professor **Emilia Vähämaa** an article *Female Auditors and Accruals Quality* to Accounting Horizons.

Professor **Vesa Suutari** published several articles with his colleagues on the book *Managing Talent o Self-initiated Expatriates: A Neglected Source of the Global Talent Flow*. One of them was with Assistant Professor **Liisa Mäkelä**: *The Work-life Interface of Self-initiated Expatriates: Conflicts and Enrichment*.

Professor **Panu Kalmi** wrote with **Derek C. Jones** a chapter *Cooperative Enterprise* to Handbook of the Economics of Reciprocity and Social Enterprise, published by Edward Elgar. MIT Press published a compilation *Banking the World: Empirical Foundations of Financial Inclusion*, where Kalmi, **Anni Heikkilä**, and **Olli-Pekka Ruuskanen** had a chapter: *Accessing Credit from Banks, Microfinance Institutions, and Informal Groups: What is the Role of Social Capital?* Kalmi also wrote to Journal of Small Business Economics an article *Catching a Wave: The Formation of Co-operatives in Finnish Regions*.

From the Faculty of Technology for example Doctoral Student **Alireza Aslani** wrote two articles to Renewable and Sustainable Energy Reviews: *Business Structure in Renewable Energy*

¹ Publications at level 2 or 3 in the Finnish Publication Forum classification.

Industry: Key Areas with Ali Mohaghar and Renewable Energy Supply Chain in Ostrobothnia Region and Vaasa City: Innovative Framework with Professor **Petri Helo**, Dean **Erkki Antila**, Research Manager **Erkki Hiltunen** and **Bo Feng**.



Doctoral Student **Liandong Zhu**, Professor **Josu Takala** and Research Manager **Erkki Hiltunen** wrote together with international colleagues two articles to Bio-resource Technology. They also wrote an article *Nutrient Removal and Biodiesel Production by Integration of Freshwater Algae Cultivation with Piggery Wastewater Treatment* to Water Research which is a level 3 journal. The research was rewarded with Åbo Akademi award.

– Research provides the basic foundation for further possible scale-up production of algae in wastewater for biodiesel production, Zhu explains. The characteristics of algal growth, lipid and biodiesel production, and nutrient removal were examined by using tubular bubble column photo-bioreactors to cultivate *C. zofingiensis* in piggery wastewater with six different concentrations.

Published by the University of Vaasa

Herala, Nina:

Hållbar havsutveckling. Rättsliga ramar för myndigheternas befogenheter att styra mänsklig verksamhet som påverkar havets tillstånd i Kvarkenregionen/Norra Kvarken i Bottniska viken (Östersjön). Reports 184.

Viinamäki, Olli-Pekka, Esa Hyryläinen, Arttu Vainio & Riia Metsälä:

Euroopan unionin LEADER-toimintatavan hallinnoinnin haasteet ja kehittämisen vaihtoehdot. Vertailevia havaintoja seitsemästä EU-maasta. Reports 185.

Luoto, Ilkka, Hannu Katajamäki & Niklas Lundström (eds.):

Oppiva alue, menestyvä alue. Juhlakirja professori Seija Virkkalan 60-vuotispäiväksi. Acta Wasaensia 275.

Ollila, Seija & Harri Raisio (eds.):

Hyvinvointijärjestelmät muuttuvassa toimintaympäristössä. Juhlakirja professori Pirkko Vartiainen 60-vuotisjuhlan kunniaksi. Acta Wasaensia 277.

Enell-Nilsson, Mona, Benedikt Faber & Henrik Nikula (eds.):

Mit Wörtern bewegen. Festschrift für Mariann Skog-Södersved zum 60. Geburtstag. Acta Wasaensia 278.

Lönnroth, Harry, Nina Pilke & Paula Rossi (eds.):

Tidskriften Nordiska Språk. Artiklar, smärre bidrag och recensioner 2001–2010. Reports 301.

Turunen, Minna:

Pohjanmaan väestö, sen hyvinvointi ja terveys sekä sosiaali- ja terveystalvuljärjestelmän toimivuus – Kansalliseen vertailuun perustuvaa trenditietoa vuosilta 2005–2011. Reports 186.

Orders and pdf-versions:

<http://uva.fi/en/research/publications/orders/database/>

The Graduate School Announces

Graduate school offers a course Introduction to Meta-Analysis 30.9. at 9–12 am and 1.10. at 9–12 am at F140. Lecturer: Professor **Aviv Shoham**. Read more: www.uva.fi/en/research/researcher/graduate_school/courses/

In the spring Graduate School granted ten scholarships for 2013–2014 and two two-year doctoral student positions. Altogether 36 doctoral students were accepted to our Doctoral Programmes.

Research Group in Focus – Personality Approach to Leadership and Organizational Behaviour

Personality Approach to Leadership and Organizational Behaviour (PALO) research group produces innovative and applied research in the field of organisational behaviour.



– In practice it can be used for developing management in general, leadership, human resources management, intercultural operations, internationalisation of businesses and entrepreneurship, research group leader Professor **Vesa Routamaa** explains. – Our group is especially known for applying Jungian typology and Myers-Briggs Type-Indicator (MBTI) in new study approaches. In addition to personality type indicator validated in Finnish cultural context, we have very extensive repertoire of other validated methods in measuring personality, leadership styles, learning styles, motivation and needs, team behavior, stress, etc.

Current Issues

The Academy of Finland has two application rounds: September and April. In September, applications are invited, among others, for funding for Academy Projects and targeted Academy Projects. Applications for personal funding for research posts (i.e. Academy Professor, Academy Research Fellow, Postdoctoral Researcher and clinical researcher) are also invited. The main deadline for applications is 25th of September. Read more: www.aka.fi/

The Academy of Finland's Ask & Apply roadshow presentations will introduce the Academy's September call and provide tips on applying for funding. Presentations and videos: www.aka.fi/en-GB/A/Academy-of-Finland/Ask--Apply-2013/



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The newsletter is published every other month during the academic year. Next newsletter will be published in November.