



I work as a Professor of Operations Management and Organization Design at IE Business School in Madrid, Spain. I received my Ph.D. from the University of Minnesota and also hold M.Sc. and B.Sc. degrees from Iowa State University.

My research, teaching, and consulting are best described as a combination of economics, sociology, psychology, management, philosophy, and statistics. In addition to the substantive topics of strategy, management, and organization design, I specialize in methodology: research design, analysis of complex statistical data, reasoning, scientific rhetoric, and argumentation.

My current research focuses on organization design, strategic decision making, operations management, and research methodology. My research on these topics has been published in journals such as *Administrative Science Quarterly*, *Academy of Management Review*, *Strategic Management Journal*, *Journal of Operations Management*, and *Production and Operations Management*. I have also written an advanced statistical methods textbook in Finnish entitled *Statistical Inference and Scientific Argumentation (Tilastollinen päättely ja tieteellinen argumentointi; Helsinki University Press)*.

In 2015–2017, I served as the Co-Editor-in-Chief of *Journal of Operations Management*. In addition, I serve or have served on the editorial boards of the *Academy of Management Review*, *Decision Sciences* and *Production and Operations Management*, as an Associate Editor and an Advisory Board member of the *Journal of Operations Management*, as well as an Area Editor of *Operations Management Research*.

I am Senior Fellow at ETLA, the Research Institute of the Finnish Economy, where we examine the link between economic policy and business management. My policy-related research results have been published in the *Review of Policy Research* journal, among other outlets. In 2009, I was one of the expert panelists evaluating the Finnish Innovation System at the request of the Ministry of Employment and the Economy.

Research scholars, clinical psychiatrists, and other psychiatric professionals associated with University of Helsinki, Helsinki University Central Hospital, and the Hospital District of the Greater Helsinki Region constitute another important collaborator in my work as a statistician. Using statistical datasets, we investigate mental disorders, personality disorders, antidepressive medication, substance abuse, neurophysiology, and psychometric measurement, among other topics. My research on these topics has been published in journals such as *Psychological Medicine*, *Bipolar Disorders*, *European Psychiatry*, and *Journal of Affective Disorders*.

As an independent scientific advisor and consultant, I work with both professional scientists and managers of business and non-profit organizations. I collaborate—either as an advisor or co-author—with scientists in several fields of research, ranging from economic policy and corporate reputation to immigration and nuclear safety. In managerial training and consulting, in turn, I work with managers on issues related to organization design, strategy, and decision-making.

I teach organization design, general management, research design, and statistical research methods, primarily at the doctoral (Ph.D. and DBA) and master's (MBA) levels. In addition to IE Business School, I teach or have taught at University of Lausanne (Switzerland), University of Minnesota (U.S.), Benedictine University (U.S.), HEC School of Management Paris (France), Hanken School of Economics (Finland), University of Helsinki (Finland), Helsinki University of Technology (Finland), Lappeenranta University of Technology (Finland), University of Eastern Finland, and University of Jyväskylä (Finland).

Finally, I am Partner and Chairman of the Board of Directors at PAMA Hockey, a Finnish high-tech start-up that designs and manufactures ice hockey sticks under the brand name PAMA (www.pamahockey.com).

Further information: www.ketokivi.fi

POSITIONS

CURRENT

Professor | IE Business School, IE University | since 2010
Founding Partner and Chairman of the Board | Pama Hockey | since 2016
Senior Fellow | ETLA, The Research Institute of the Finnish Economy | since 2013
Distinguished Visiting Scholar | Benedictine University, Chicago | since 2015

PAST

Co-Editor-in-Chief | Journal of Operations Management | 2015-2017
Associate Research Fellow | ETLA, The Research Institute of the Finnish Economy | 2006-2013
Distinguished Senior Fellow | Hanken School of Economics, Helsinki | 2011-2012
Professeur Invité | Université de Lausanne | 2009-2010
Visiting Associate Professor | IE Business School | 2007-2010
Researcher and Lecturer | Helsinki University of Technology | 2000-2009
Professeur Affilié | HEC School of Management, Paris | 2006-2007

EDUCATION

Doctor of Philosophy | University of Minnesota | 2000
Master of Science | Iowa State University | 1997
Bachelor of Science | Iowa State University | 1995

EXPERTISE

Organization Design | Governance | Startups | Strategic Management | Administration |
Operations Management | Production Economics | Organization Economics | Economic Policy |
Organization Theory | Research Design | Multivariate Statistics | General Methodology |
Reasoning and Argumentation | Philosophy of Science

TEACHING

Organization Design | Operations Management | Research Design | Organization Theory |
Multivariate Statistics | Measurement

OTHER ACADEMIC POSITIONS AND ACTIVITIES

Editorial Board Member | Academy of Management Review | since 2010
Editorial Board Member | Decision Sciences Journal | 2004-2010
Editorial Board Member | Production and Operations Management | 2005-2010
Associate Editor | Journal of Operations Management | 2007-2012
Scientific Advisor | Statistical analysis | 2005-2017
Panelist | Evaluation of the Finnish Innovation System | 2009

CONTACT INFORMATION

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The publications are categorized as follows:

- [1] Articles in peer-reviewed academic journals, primary discipline;
- [2] Articles in peer-reviewed academic journals, secondary disciplines;
- [3] Books and monographs;
- [4] Other.

My primary discipline is organization and management research. Publications in the secondary disciplines (e.g., social psychology, psychopathology) derive from my work as scientific advisor. Items within each category appear in reverse chronological order.

1 | ARTICLES IN PEER-REVIEWED ACADEMIC JOURNALS, PRIMARY DISCIPLINE

- [1-22] Groop J., Ketokivi M., Gupta M. & Holmström J. (2017). "Improving home care: Knowledge creation through engagement and design." *Journal of Operations Management*, 53-56, 9-22.
- [1-21] Ketokivi M., Mantere S. & Cornelissen J. (2017). "Reasoning by analogy and the progress of theory." *Academy of Management Review* 42(4), 637-658.
- [1-20] Ketokivi M. & McIntosh C. (2017). "Addressing the endogeneity dilemma in operations management research: Theoretical, empirical, and pragmatic considerations." *Journal of Operations Management* 52: 1-14.
- [1-19] Ketokivi M., Turkulainen V., Seppälä T., Rouvinen P. & Ali-Yrkkö J. (2017). "Why locate manufacturing in a high-cost country? A case study of 35 production location decisions." *Journal of Operations Management* 49-51: 20-30.
- [1-18] Ketokivi M. & Mahoney J. (2016). "Transaction cost economics as a constructive stakeholder theory." *Academy of Management Learning & Education* 15(1): 123-138.
- [1-17] Ketokivi M. & Choi T. (2014). "Renaissance of case research as a scientific method." *Journal of Operations Management* 32(5): 232-240.
- [1-16] Turkulainen V. & Ketokivi M. (2013). "The contingent value of organizational integration." *Journal of Organization Design* 2(2): 27-42.
- [1-15] Mantere S. & Ketokivi M. (2013). "Reasoning in organization science." *Academy of Management Review* 38(1): 70-89.
- [1-14] Turkulainen V. & Ketokivi M. (2012). "Cross-functional integration and performance: What are the real benefits?" *International Journal of Operations and Production Management* 32(4): 447-467.
- [1-13] Tenhiälä A. & Ketokivi M. (2012) "Order management in the customization-responsiveness squeeze." *Decision Sciences* 43(1): 173-206.
- [1-12] Ketokivi M. & Mantere S. (2010). "Two strategies for inductive reasoning in organizational research." *Academy of Management Review* 35(2): 315-333.
- [1-11] Ketokivi M. & Ali-Yrkkö J. (2009). "Unbundling R&D and manufacturing: Post-industrial myth or economic reality?" *Review of Policy Research* 26(1-2): 35-54
- [1-10] Holmström J., Ketokivi M. & Hameri A. (2009). "Bridging practice and theory: A design science approach." *Decision Sciences* 40(1): 65-87.
- [1-09] Ketokivi M. (2006). "Elaborating the contingency theory of organizations: The case of manufacturing flexibility strategies." *Production and Operations Management* 15(2): 215-228.
- [1-08] Ketokivi M. & Jokinen M. (2006). "Strategy, uncertainty and the focused factory in international process manufacturing." *Journal of Operations Management* 24(3): 250-270.

- [1-07] Ketokivi M. & Castañer X. (2004). "Strategic planning as an integrative device." *Administrative Science Quarterly* 49(3): 337-365.
- [1-06] Ketokivi M. & Schroeder R. (2004). "Perceptual measures of performance: Fact or fiction?" *Journal of Operations Management* 22(3): 247-264.
- [1-05] Ketokivi M. & Schroeder R. (2004). "Strategic, structural contingency and institutional explanations in the adoption of innovative manufacturing practices." *Journal of Operations Management* 22(1): 63-89.
- [1-04] Ketokivi M. & Schroeder R. (2004). "Manufacturing practices, strategic fit and performance: A routine-based view." *International Journal of Operations and Production Management* 24(2): 171-191.
- [1-03] Ketokivi M. & Heikkilä J. (2003). "Strategic management system for manufacturing: Linking action to performance." *Production Planning & Control* 14(6): 487-496.
- [1-02] Cua K., Ketokivi M. & Schroeder R. (2002). "A perceptual measure of the degree of development of proprietary equipment." *Structural Equation Modeling* 9(4): 579-598.
- [1-01] Schroeder R., Bates K. & Ketokivi M. (2002). "A resource-based view of manufacturing strategy and the relationship to manufacturing performance." *Strategic Management Journal* 23(2): 105-117

2 | ARTICLES IN PEER-REVIEWED ACADEMIC JOURNALS, SECONDARY DISCIPLINES

- [2-12] Pallaskorpi S., Suominen K., Ketokivi M., Valtonen H., Arvilommi P., Mantere O., Leppämäki S. & Isometsä E. (2017). "Incidence and predictors of suicide attempts in bipolar I and II disorders: A five-year follow-up" *Bipolar Disorders* 19, 13-22.
- [2-11] Baryshnikov, I., Aaltonen K., Koivisto M., Näätänen P., Karpov B., Melartin T., Heikkinen, M., Ketokivi M., Joffe G. & Isometsä E. (2015). "Differences and overlap in self-reported symptoms of bipolar disorder and borderline personality disorder." *European Psychiatry* 30(8): 914-919.
- [2-10] Pallaskorpi S., Suominen K., Ketokivi M., Mantere O., Arvilommi P., Valtonen H., Leppämäki S. & Isometsä E. (2015). "Five-year outcome of bipolar I and II disorder: Findings of the Jorvi Bipolar Study." *Bipolar Disorders* 17(4): 363-374.
- [2-09] Mähönen T., Jasinskaja-Lahti I. & Ketokivi M. (2014). "Mapping the individual-level dynamics of perceived discrimination and attitudes toward multiculturalism and cultural maintenance: A pre-post study of migration." *International Journal of Intercultural Relations* 39(March): 124-135.
- [2-08] Kiesepä T., Mäntylä R., Tuulio-Henriksson A., Luoma K., Mantere O., Ketokivi M., Holma M., Jylhä P., Melartin T., Suominen K., Vuorilehto M. & Isometsä E. (2014). "White matter hyperintensities and cognitive performance in adult patients with bipolar I, bipolar II, and major depressive disorders." *European Psychiatry* 29(4): 226-232.
- [2-07] Melartin T., Mantere O., Ketokivi M. & Isometsä E. (2013). "A prospective latent analyses study of axis I psychiatric comorbidity of DSM-IV major depressive disorder." *Psychological Medicine* 44(5): 949-959.
- [2-06] Jylhä P., Ketokivi M., Mantere O., Melartin T., Suominen K., Vuorilehto M., Holma M., Holma I. & Isometsä E. (2013). "Temperament, character, and personality disorders." *European Psychiatry* 28(8): 483-491.
- [2-05] Holma I., Holma M., Melartin T., Ketokivi M. & Isometsä E. (2013). "Depression and smoking: a five-year prospective study of patients with major depressive disorder." *Depression and Anxiety* 30(6): 580-588.
- [2-04] Jasinskaja-Lahti I., Mähönen T. & Ketokivi M. (2012). "The dynamics of ethnic discrimination, identities, and outgroup attitudes: A pre-post longitudinal study of ethnic remigrants." *European Journal of Social Psychology* 42(7): 904-914.

- [2-03] Jylhä P., Ketokivi M., Mantere O., Melartin T., Holma M., Rytsälä H. & Isometsä E. (2012). "Do antidepressants change personality? A five-year observational study." *Journal of Affective Disorders* 142(1-3): 200-207.
- [2-02] Mantere O., Soronen P., Uher R., Ketokivi M., Jylhä P., Melartin T., Paunio T. & Isometsä E. (2012). "Neuroticism mediates the effect of P2RX7 on outcomes of mood disorders." *Depression and Anxiety* 29(9): 816-823.
- [2-01] Mantere O., Isometsä E., Ketokivi M., Kiviruusu O., Suominen K., Valtonen H., Arvilommi P. & Leppämäki S. (2010). "A prospective latent analyses study of psychiatric comorbidity of DSM-IV bipolar I and II disorders." *Bipolar Disorders* 12(3): 271-284.

3 | BOOKS AND MONOGRAPHS

- [3-03] Ketokivi M. (2015). *Tilastollinen päättely ja tieteellinen argumentointi (Statistical Inference and Scientific Argumentation)*, 2nd edition (1st edition 2009). Helsinki University Press, Helsinki.
- [3-02] Heikkilä J. & Ketokivi M. (2005). *Tuotanto murroksessa: strategisen johtamisen uusi haaste (Manufacturing in Transition: A New Challenge for Strategic Management)*. Talentum, Helsinki.
- [3-01] Ketokivi M. (2000). *Toward a Theory of Manufacturing Strategy*. Doctoral dissertation, University of Minnesota.

4 | OTHER (BOOK CHAPTERS, EDITORIALS, CASES, ETC.)

- [4-12] "Pama Hockey (B): Getting the Governance Right in a Startup." Teaching case prepared for IE Business School in collaboration with Prof. Aino Tenhiälä (IE Business School).
- [4-11] "Pama Hockey (A): An Entrepreneurial Operations Challenges the Industry Recipe." Teaching case prepared for IE Business School.
- [4-10] Ketokivi M. & Mahoney J. (2017). "Transaction cost economics as a theory of the firm, management, and governance." A chapter in the *Oxford Research Encyclopedia of Business and Management*, a digital encyclopedia of articles available at business.oxfordre.com.
- [4-09] De Treville S., Ketokivi M. & Singhal V. (2017). "Competitive manufacturing in a high-cost environment: Introduction to the Special Issue." *Journal of Operations Management* 49-50: 1-5.
- [4-08] Guide V.D.R. & Ketokivi M. (2016). "Notes from the Editors: Ethical guidelines at *Journal of Operations Management*." Editorial in *Journal of Operations Management* 42-43, 1-3.
- [4-07] Guide V.D.R. & Ketokivi M. (2015). "Notes from the Editors: Restructuring the *Journal of Operations Management*." Editorial in *Journal of Operations Management* 38, v-x.
- [4-06] Guide V.D.R. & Ketokivi M. (2015). "Notes from the Editors: Redefining some methodological criteria for the journal." Editorial in *Journal of Operations Management* 37, v-viii.
- [4-05] "Interdisciplinary research in Operations Management." Interview by Prof. Eve Rosenzweig in *POMS Chronicle* 18(1): 18-23.
- [4-04] Breznitz D., Ketokivi M. & Rouvinen P. (2009). "Demand- and user-driven innovation." In the edited book *Evaluation of the Finnish Innovation System*, Ministry of Education and Ministry of Employment and the Economy, Finland.
- [4-03] Ketokivi M. (2009). "The dilemma of trying to understand the real world." *Decision Line* 40(5): 10-13.
- [4-02] Ketokivi M. (2009). Commentary to Prof. Roger Schmenner's article "Too much theory, not enough understanding." *Journal of Operations Management* 27(5): 339-343.
- [4-01] Ketokivi M. (2009). "Guest editorial: In what ways can academic research be relevant?" *Operations Management Research* 1(2): 81-85.