

SELF-PRESENTATION
OF RESEARCH SCIENTIFIC OUTPUT AND ACHIEVEMENTS

Contents

- Introduction
- Description of primary research areas
- Leading achievement according to the Act of 14 March 2003 Law on Academic Degrees and Title and Degrees and Title in the Arts (Official Journal of Laws of 2003, No. 65, item 595, as amended)
- Scientific and Research Output Summary

Introduction

Diplomas

- 1993 – MA – Economics – Economics and Organisation of Land Transport – Faculty of Transport Economics (currently: Faculty of Economics), University of Gdańsk – collective thesis – *Rise and decline of PTSB “Transbud” Gdańsk* – promoter – Professor Jan Majewski
- 2000 – PhD – Economics – Faculty of Economics, University of Gdańsk – thesis – *Cognitive value of transport enterprise behaviour on a consumer market* – promoter – Professor Krzysztof Szałucki
- 2006 – Post-graduate studies – Pedagogical Introduction – WSSE, Gdańsk

Work places up-to-date

- research organisations
 - * 1.10.1993 – 31.01.2001 – assistant – Chair of Economics and Functioning of Transport Enterprises, Faculty of Economics, University of Gdańsk
 - * 1.02.2001 – 30.09.2012 – assistant professor – Chair of Economics and Functioning of Transport Enterprises, Faculty of Economics, University of Gdańsk
 - * 1.10.2012 – today – senior lecturer – Chair of Economics and Functioning of Transport Enterprises, Faculty of Economics, University of Gdańsk
- non-research organisations
 - * 1.01.1991 – 31.12.1996 – Statistical Office in Gdańsk
 - * 2.04.2002 – 19.02.2012 – WSSE, Management Institute (later: Faculty of Management), Gdańsk

Description of primary research areas

Within the primary research achievements I want to point out three research directions, which I find to be valuable and significant from the point of view of my scientific development. I will also propose a number of papers which are representative for all the research areas (specific paper list in a chronological order is in the appendix 3). These areas are the spectrum of my scientific interests and research (a number of empirical studies, mostly theoretical), which I have conducted during my career at the University of Gdańsk and which have led to the creation of monograph, which I point out as my leading scientific achievement and upon which I plead to grant me the postdoctoral degree of economics sciences, discipline: economics.

Functioning of transport enterprises

The first research direction is most strongly correlated with my education and career. Right after the MA, I started working at the Chair of Economics and Functioning of Transport Enterprises, Faculty of Economics, University of Gdańsk.

Both my MA and my career have been connected with transport enterprises from the very beginning. Most significant scientific interest, to which I have devoted my research were connected with functioning aspects of transport enterprises as well as the functional aspects of transport markets. Therefore, the research concerned the functional growth of the enterprises in the conditions of life cycles of those enterprises – especially the adaptation stage. This research led to the development of my most significant research interest – the market behaviour of enterprises. The next important research area were the functioning factors, with a particular interest in transport market factors and the adaptation to European Union transport market. I have devoted my research to a wide range of transport branches, with a special interest in road transport. The range of enterprises functioning forms which I have studied was diversified as well and included the public services enterprises. I searched for different functioning models of transport enterprises and tried to apply that knowledge to the general concept of enterprise.

The consequence of my research on functional mechanism of transport enterprises was the beginning of my research on market behaviour of enterprises and functioning factors of enterprises, regardless of the branch of economy.

I started working at the University of Gdańsk during an important period in Polish economy and Polish transport market (especially the road transport market). The years 90s. of the 20th century were a time of changes and creation of modern structures and mechanisms of Polish economy. Market behaviours of transport enterprises on a growingly demanding market were the most important research observation of that period and it has led to a number of research papers, including my doctoral thesis, which I have completed in the year 2000.

The representative papers from that period are:

- B.Majecka, *Projakściowe zachowania rynkowe – sukces w dostosowaniu polskiego transportu do Unii Europejskiej* [w:] *Transport a Unia Europejska. Sukcesy - Porażki – Kierunki*, pod red. D.Rucińskiej i E.Adamowicz, Zeszyty Naukowe UG, *Ekonomika Transportu Lądowego* nr 31, Fundacja Rozwoju Uniwersytetu Gdańskiego, Gdańsk 2005
- B.Majecka, *Charakterystyka zachowań przedsiębiorstw sektora TSL jako przejawów ich zachowań adaptacyjnych* [w:] *Zachowania adaptacyjne podmiotów TSL na europejskim rynku transportowym*, pod red. M.Michałowskiej, Wydawnictwo Akademii Ekonomicznej w Katowicach, Katowice 2006
- B.Majecka, *Czynniki sukcesu polskich mikroprzedsiębiorstw transportowych na europejskim rynku* [w:] *Transport a Unia Europejska. Polski transport w europejskiej perspektywie*, pod red. D.Rucińskiej i E.Adamowicz, Zeszyty Naukowe UG, *Ekonomika Transportu Lądowego* nr 33, Fundacja Rozwoju Uniwersytetu Gdańskiego, Gdańsk 2006
- B.Majecka, *Wartościowanie zachowań podmiotów gospodarczych transportu w warunkach dekonjunkury gospodarczej, /w:/ Europejska przestrzeń transportu. Wyzwania rynkowe*, pod red. E.Załogi, Zeszyt Naukowy Uniwersytetu Szczecińskiego nr 741, *Problemy Transportu i Logistyki* nr 18, Szczecin 2012
- B.Majecka, *Uwarunkowania zachowań przedsiębiorstw transportu samochodowego na rynku przewozów rzeczy*, Zeszyty Naukowe UG, *Studia i Materiały ITiHM* nr 9, pod red. H.Klimek i D.Wach, Wydawnictwo Uniwersytetu Gdańskiego 2012
- B.Majecka, *Możliwości kształtowania pozycji konkurencyjnej polskich przedsiębiorstw transportu drogowego – perspektywa witalnościowa*, "Logistyka" (dodatek na CD Logistyka-nauka), [dokument elektroniczny] 2014, nr 2
- B.Majecka, *Mechanizm kształtowania witalności przedsiębiorstw transportowych w warunkach zrównoważonego rozwoju – ujęcie gałęziowe* [w:] *Przedsiębiorstwa transportowe – funkcjonowanie i rozwój*, pod red. K.Szałuckiego i A.Letkiewicza, Zeszyty Naukowe UG, *Ekonomika Transportu i Logistyka*, nr 53, Gdańsk 2014

The research on the functional mechanisms of transport enterprises have allowed me to create and run classes in those areas and to promote many MAs.

Enterprise market behaviour

The research on the diversity of market reactions of transport enterprises was a natural continuation of the research on the functioning of transport enterprises. At first, my research on enterprise market behaviour was concentrated in a natural way on the economic subjects of the transport market, mostly road transport market. However, further inquiry into the market events and enterprises involved in them, has led to an interest in other sectors of the economy. This has led to a search for a universal knowledge of the market behaviour of enterprises.

Enterprise market behaviour are an especially important research matter because their recognition helps us discover the principles of enterprise functioning factors without the need to experience the internal aspects of the organisation. On one hand, they are the symptoms of the internal structure of enterprise, with its organisational complexity and management mechanism. On the other hand, they are an instrument of competitive struggle on diversified markets and an active creation of enterprise surroundings. Commonly accepted behaviours allow the enterprises to survive in increasingly difficult market conditions, while uncommon behaviours are often a factor of competitive advantage. Hence, the knowledge of the specifics of enterprise market behaviour can serve the purpose of describing markets and can lead to a search for effective instruments for the control of economic relations in a wider understanding (not only from the point of view one subject, but also the general functional conditions on a market).

The specifics of the enterprise market behaviour has led my research interests to different scientific disciplines – the interdisciplinarity has become my answer to the questions about the conditions of behaviour and its explanations.

In this research area, among other papers, I have published two monographs. The first one, *Enterprise organisational behaviour* (University of Gdańsk Publishing, Gdańsk 2002), is concentrated on the division of behaviour factors into internal (where the characteristics of the enterprise are a main factor) and external (where I focus on market conditions and type of economic surroundings). A vast, twenty-one-criteria, dichotomical classification of enterprise market behaviour is the main value of the monograph. The empirical part of the book is based on the research on transport enterprises (adapted from my doctoral thesis) but the classification has a universal character. It can be easily used to identify and describe enterprise behaviours in different markets, thus creating an information basis for the decision-making in the enterprises.

The second monograph, *Enterprise behaviour perspectives. Purpose, functionality, vitality* (University of Gdańsk Publishing, Gdańsk 2013) is devoted to the different cognitive perspectives of enterprise behaviour. It is a consequence of more than a decade of research experience in the field of market behaviour. Also, it fulfils a different aspect of my research – a search for the methodological research basis of enterprise behaviour. The methodological investigations lead to another one of my research interests, that is, the theory of enterprise.

In the monograph, I have presented the behaviours from economical, psychological and sociological perspective. The behavioural sciences are an undeniable basis for the methodology of cognition of enterprises and have been a starting point for further research. The enterprise behaviour research has also been presented from the point of view of enterprise objectives and functional aspects (those issues are connected with the previously described area, which is the functioning of enterprises and are connected with the main concert of the theory of enterprises, that is the purpose of their behaviour). The indication of the vitality perspective of enterprise behaviour is the innovative research element. Enterprise vitality, understood as a universal category of description, characterises the elan vital of the enterprise and makes it possible to show every enterprise from an evolutionary perspective. The monograph is most of all a contribution to the discussion on methodological aspects of enterprise behaviour research.

Another papers concerning the description and interpretation of enterprise market behaviour and the analysis of their causes are as following:

B.Majecka, *Kształtowanie zachowań warunkujących zrównoważony rozwój przedsiębiorstw* [w:] *Zrównoważony rozwój przedsiębiorstwa a relacje z interesariuszami*, pod red. H.Brdulak i T.Gołębiowskiego, SGH, Warszawa 2005

B.Majecka, *Strategiczne zachowania przedsiębiorstw jako ich wkład w tworzenie gospodarki opartej na wiedzy* [w:] *Konsument i firma w dobie Internetu*, pod red. A.Kowalkowskiego i R.Popiołka, Uniwersytet Warmińsko-Mazurski w Olsztynie, Olsztyn 2006

B.Majecka, *Modele zachowań w procesie budowy potencjału konkurencyjności przedsiębiorstwa* [w:] *Innowacje i jakość jako czynniki konkurencyjności przedsiębiorstwa*, pod red. A.Strychalskiej-Rudzewicz, Uniwersytet Warmińsko-Mazurski w Olsztynie, Olsztyn 2007

B.Majecka, *Zachowania strategiczne przedsiębiorstw w gospodarce opartej na wiedzy* [w:] *Efektywność gospodarki opartej na wiedzy. Teoria i praktyka*, pod red. T.Kamińskiej, J.Frycy i B.Majeckiej, Wydawnictwo Uniwersytetu Gdańskiego, Gdańsk 2007

B.Majecka, *Zjawisko wyuczonej nieudolności zachowań we współczesnych organizacjach*, [w:] *Zeszyty Naukowe WSB we Wrocławiu*, pod red. Cz.Zajęca, nr 19, Wrocław 2010

B.Majecka, *Charakter organizacji jako czynnik kreowania zachowań kooperacyjnych przedsiębiorstw* [w:] *Wspólna Europa. Partnerstwo przedsiębiorstw jako czynnik ograniczania ryzyka działalności gospodarczej*, pod red. H.Brdulak, E.Duliniec i T.Gołębiowskiego, SGH, Warszawa 2009

B.Majecka, *Strategiczny wymiar innowacyjnych zachowań przedsiębiorstw*, [w:] *Innowacyjne przedsiębiorstwa – standard XXI wieku*, pod red. J.Frycy i T.Nowosielskiego, PTE Oddział w Gdańsku, Gdańsk 2011

B.Majecka, *Badania porównawcze zachowań organizacji pozarządowych i przedsiębiorstw użyteczności publicznej działających na względnie zrównoważonym rynku transportowym* [w:] *Aktywność organizacji pozarządowych jako interesariuszy polityki transportowej*, pod red. M.Michałowskiej, *Studia Ekonomiczne, Zeszyty Naukowe Wydziałowe Uniwersytetu Ekonomicznego w Katowicach*, nr 165, Katowice 2014

The research on enterprise market behaviour has allowed me to create a course programme for a number of classes on two specialities at the Faculty of Economics, University of Gdańsk (Theory of Enterprises and Economic Diagnosis and Functioning of Enterprises) and a number of facultative lectures. I am also a promoter of many BAs and MAs on those subjects.

The Theory of Enterprise

The third one of my research areas has been moulded together with the previous ones and has been connected with the search for a methodology of description of the main economic category, that is the enterprise – a basic market subject.

Due to the specifics of my research interests (enterprise as an economic category, functional aspects and market behaviour of enterprises), in my work I was inspired by and used the methodological aspect of many different scientific disciplines, such as: psychology, sociology, anthropology, theory of economics, theory of control and regulation, situational approach.

I've found all the investigations on the nature and conditions of enterprise functioning, which allow a multidisciplinary approach to a description of economic events to be of particular interest to me. While using the output of different disciplines I've tried to explain the economic events from an interdisciplinary perspective. I've made an assumption that the use of particular methodology implies a certain result. The use of different research approaches is therefore a creator of different enterprise perspectives. However, all of those perspectives are equally true and if analysed collectively, they create a chance to recognise the subject on hand in complex way. This leads to a possibility to understand the concept of an enterprise as an economic category and therefore improve its functioning and the effectiveness of achieving of economic objectives. This also leads to a working out of efficient instruments of economy control and therefore socio-economic growth.

I've published the research results from different aspects of enterprise theory in a number of different papers throughout my whole scientific career. I find the following to be the most important ones:

B.Majecka, *Działalność przedsiębiorstw determinowana przyjętymi celami i realizowanymi w podmiocie gospodarczym funkcjami*, *Przeegląd Naukowy WSSE w Gdańsku* nr 1, Gdańsk 2002

B.Majecka, *Kultura organizacyjna i inteligencja – atuty przedsiębiorstw we współczesnym świecie* [w:] *Przedsiębiorstwa i gospodarka Polski w perspektywie integracji z Unią Europejską*, pod red. M.Kulikowskiego i Ł.Wódkowskiego, Instytut Wiedzy SGH, Warszawa 2003

B.Majecka, *Kulturowe i strategiczne uwarunkowania funkcjonowania przedsiębiorstw w gospodarce opartej na wiedzy* [w:] *Uwarunkowania rozwoju przedsiębiorczości. Determinanty i narzędzia zdobywania przewagi konkurencyjnej*, pod red. H.Adamkiewicz-Drwiłło, Wydawnictwo Naukowe PWN, Warszawa 2007

B.Majecka, *Bariery tworzenia i rozwoju elastycznych przedsiębiorstw* [w:] *Tworzenie wartości przedsiębiorstwa na rynku Unii Europejskiej*, pod red. H.Brdulak, E.Duliniec i T.Gołębiowskiego, SGH, Warszawa 2007

B.Majecka, *Zjawisko wyuczonej nieudolności zachowań we współczesnych organizacjach*, [w:] *Zeszyty Naukowe WSB we Wrocławiu*, pod red. Cz.Zająca, nr 19, Wrocław 2010

B.Majecka, *Efektywność ekonomiczna jako uwarunkowanie przetrwania przedsiębiorstw w kontekście idei zrównoważonego rozwoju* [w:] *Efektywność ekonomiczna przedsiębiorstw a zrównoważony rozwój*, pod red. H.Klimek i T.Nowosielskiego, PTE Oddział w Gdańsku, Gdańsk 2013

The research on the theory of enterprises have also allowed me to update my knowledge and scientific workshop and co-create the course programme of a lecture *Introduction to enterprise theory* (a leading subject on the speciality *Theory of enterprises*). I also co-create the programme and run classes on *Enterprise Knowledge* (obligatory subject at the Faculty of Economics). The fundamentals of enterprise theory have also been a basis for many BAs and MAs, which I have promoted.

Leading achievement according to the Act of 14 March 2003 Law
on Academic Degrees and Title and Degrees and Title in the Arts
(Official Journal of Laws of 2003, No. 65, item 595, as amended)

The title of achievement

Behavioural values of enterprise economic stratification – independently written monograph

Bibliographical data

Author: Beata Majecka

University of Gdańsk Publishing, Gdańsk 2015

Publishing reviewer: dr hab. Hanna G. Adamkiewicz-Drwiłło, Associate Professor, Gdańsk University
of Technology

ISBN 978-83-7865-276-2

Volume: 212 pages

Monograph characteristics

The research on the enterprises functioning in changing market surroundings, the market behaviours of enterprises and various theoretical aspects connected with their existence and activity has led me to a conclusion, that the occurrence of economic stratification of enterprises is an extremely important step to the understanding of modern economic events. The stratification appears in the form of individual differentiation of enterprises which gather in distinct layers. Through the analysis of stratification system, one can observe a certain, objective economic reality, which happens on the market. It is therefore a valuable frame of reference for all the socio-economic processes in which the enterprises are engaged. The economic stratification of enterprises is an occurrence connected with the functioning of a plethora of economic subjects in the market time-space continuum, which show their specifics through market behaviour. In an ideal world, there would be only one type of enterprises, adapted to such a reality. However, in the modern economic reality, different factors deform the perfect world which leads to a diversity of enterprises and therefore – to economic stratification. The stratification is thus a way to arrange the economy and allows to describe its state through a prism of individual diversification of enterprises and the mechanisms of their gathering in different market spaces, with the use of knowledge of a variety of economic objectives, decision-making mechanisms and market behaviour.

The research on any economic processes has to include the participation of men in these processes. He is the basic structural element of all socio-economic systems and thus his behavioural characteristics determine the events in those systems. The participation of men in economic events and processes has fundamental consequences for the activity of enterprises. The more in-depth the research on structural elements

are, the stronger the behavioural differentiation appears. As a result of those behavioural values, the enterprise market behaviours become peculiar, which in turn leads to an economic stratification of enterprises. Separate layers of enterprises differ in the aspect of characteristic market behaviour, which are in turn a symptom of individual behavioural values which start the processes of behaviour generation and influence their trajectory.

The observation of such a complex research subject, as the economic stratification of enterprises, has led me to a beginning of two different research directions, which led me to a formulation of main objectives of theoretical research, the result of which is the monograph in question.

The main objective of the research on socio-economic reality and matters under consideration in the monograph is to show that the behavioural values of socio-economic events are the basis of economic stratification of enterprises. The values are a consequence of the engagement of men in these processes and they are implied by the roles which he plays in the economic processes. This investigation is worthwhile due to the fact that it leads to a recognition of practical value of regularities of enterprise division into classes – the enterprises do so in the pursuit of a creation of higher economic value. The role of a human being in the creation and diversification of economic value of enterprises, perceived as crucial subjects in market processes, is undiscussible. One can therefore assume that the economic stratification is a symptom of the compilation of behavioural factors with the primary objectives of enterprises which focus on the maximisation of the market value.

The second primary objective of the research is to propose an author's own, original methodology for the research in structural factors of economic stratification of enterprises. Every occurrence in the socio-economic dimension is structuralised in a certain way. Due to the participation of men in those processes, every event can be analysed in the view of its behavioural aspects. The compilation of those two, separate aspects leads to a statement that the behavioural structuralism, which is a combination of the anthropological structuralism and behavioural aspects, is a valid methodology for the recognition of various socio-economic events, including the economic stratification of enterprises. Behavioural structuralism as a methodological basis for the analysis of economic stratification leads to an increase of effectiveness of economic prediction. Through the use of behavioural structuralism, one can improve the knowledge about the future events, because the ability to describe the structural basis of processes in modern enterprises are widened.

A secondary objective of my research was to conduct an interdisciplinary discussion about the issues connected with the stratification of enterprises, focusing mostly on the structural basis and the presentation of behavioural characteristics of the processes of enterprise stratification. The fulfilment of the secondary objective has led me to the fulfilment of primary objectives.

The formulation of research plans has led me to a six chapter division of contents in the monograph. The first chapter concentrates on the subject of economic stratification of enterprises based upon the event of stratification in a socio-economic perspective. The second chapter is of methodological nature – it presents the idea of structuralism as a basis for the explanation of socio-economic events. Therefore it describes the behavioural structuralism as methodology for the explanation of the differentiation of enterprises. The third

chapter originally presents chosen behavioural factors of the enterprise economic stratification, focusing on the roles of men in the socio-economic sphere which are implied by the relation of men with wealth, work, himself, other human beings and systems. The described relations and roles determine the assumptions, decisions and behaviour of particular people, and, in consequence – the objectives, decisions and behaviour of enterprises. The entity of processes connected with the enterprises is most obviously visible in their surroundings and in particular, in the market. The fourth chapter is concentrated on the concept of the market as a time-space continuum of the creation of economic behaviours of enterprises, which are influenced by various behavioural factors. The fifth chapter presents the complexity of enterprises, including their legal, economic, technical and organisational personality and their individual characteristics, combined of a number of individual features. Such personal differentiation is strongly connected with the behavioural values and is therefore a structural basis for the economic stratification of enterprises. The sixth chapter describes the peculiarity of enterprise behaviours and points out the connection between the individual behaviours and their economic stratification. Those relations have a feedback nature – separate layers of subjects gather enterprises which generate similar behaviour and in turn every peculiarity of behaviour, which appear in the market continuum as a result of behavioural factors, lead to a change of stratification position of different enterprises and a creation of a new layer. As a result, the peculiar behaviour of the enterprise are not only a method of description, but also a condition of the creation and changes of different layers in the economy. The behaviour have a significant impact on the dynamics of economic stratification process.

Due to its specifics, the process of enterprise economic stratification requires an interdisciplinary approach (the monograph was prepared with the use of: theory of economics, behavioural economy, psychology, sociology anthropology, anthropological structuralism, philosophy, biology, management, theory of the functioning of enterprises, mathematics, topology, cosmology, physics, architecture, information science, geology, meteorology, genetics, so as to fulfil its objectives most adequately). The layering of socio-economic space is visible as a grouping of economic subjects in separate layers and it requires a complex approach. Both the causes and the effects are visible in many different spaces at one time. An in-depth recognition of the event on hand leads to a possibility of using that knowledge to achieve economic effects by different enterprises as well as by the economy as such.

The observation of socio-economic events and theoretical investigation has led to a number of conclusions:

- the cognitive values of economic stratification of enterprises revolves around the possibility to present a certain arrangement in the economy due to the recognition of its structures,
- the economic stratification allows to perceive the enterprises grouped in different layers through the perspective of different criteria for the separation of layers – traditionally: organisational form, size of the enterprise and the area of economic activity; an observation of the population of enterprises from the perspective of their economic stratification leads to a recognition of many more factors, which leads to a diversity of layers in the economy,
- the structural division of the economy allows the effective fulfilment of economic and social objectives, both in the micro- and macroeconomic dimension; this is due to the fact that the awareness of the participation

- of the enterprise in a certain layer, allows it to create market behaviours which lead to an effective participation in the particular enterprise group as long as its connected with the enterprise objectives,
- all the enterprises show an ability to transfer between different layers, as long as the energy of the system is strong enough, that is when the needs, objectives and decisional skills of the enterprise allow it to break the control parameters, resulting in the transfer to a state different from the present one; therefore, a change of structural characteristics occur, which leads to a classification to a different layer of enterprises and can alter the effectiveness of the objective fulfilment,
 - the process of economic stratification of the enterprises requires a new, adequate methodology which allows to diversified presentation of its aspects. I have presented a concept of the behavioural structuralism as the most proper methodology,
 - the structuralism focuses on the structure of processes (the relations between the elements of the system) and not on their genesis or function,
 - behavioural structuralism allows to research the basis of socio-economic events of behavioural character,
 - behavioural factors are a consequence of the participation of men in all the socio-economic processes, performing a variety of roles in the structures of his surroundings and fulfilling individual objectives, making individual decisions and individualising behaviour,
 - the economic behaviours appear in two cases – individual human activity and enterprise activity,
 - the enterprise market behaviour are a subject of scientific research of many individuals and various papers allow the statement that it is a complex research subject and leads to an individualisation of research,
 - the enterprise behaviour is conditioned by a correlation of different external and internal factors – there is a strict correlation between the behavioural factors and peculiar behaviours of the enterprises,
 - the peculiar behaviours appear in the market time-space continuum as a function of enterprise differentiation; the differentiation is also strictly connected with their distinction from their surroundings (legal and economic personality) and their characterological differentiation; the stage of the life-cycle of the enterprise is of high significance as well,
 - the stratification position is important to all of the enterprise and allows them to fulfil their primary objectives, connected with the growth of their market value; constant changes of stratification positions appear in the market continuum as a result of the interactions between the enterprises and the dynamics of market behaviour,
 - the knowledge of the peculiar market behaviour and economic stratification can be used to model the market value of enterprises and thus to understand this behaviour in connection with the stratification economic system,
 - the modelling of market behaviour can interfere with the relations between the enterprise and their hierarchisation in stratification systems. It should have a nature of a conscious impact on the creation of market behaviour with the objective of achieving the desired stratification structure of the economy,
 - the result of a desired stratification structure is the ability of the enterprises to focus on the spaces which grant them the ability to achieve a higher value added.

Scientific and Research Output Summary

Author (specific list in the appendix 3)

- 3 monographs (including the monograph Behavioural values of enterprise economic stratification),
- 38 independent chapters in monographs and articles in different journals (including 9 papers which are on the Part B journal list prepared by MNiSW and 1 paper in English),
- 3 materials in research sessions.

Co-Author (specific list in the appendix 3)

26 chapters in monographs and articles in different journals (including 5 papers which are on the Part B journal list prepared by MNiSW).

Co-Author of collective papers – concept and editing (specific list in the appendix 3)

- 2 monographs,
- 1 paper which was a summary of a project co-financed by the Economic Union (Human Capital Operational Programme),
- 9 newsletters published during the project co-financed by the Economic Union (Human Capital Operational Programme).

Hirsch Index

1. *Publish or Perish* on the basis of *Google Scholar base* (14.04.2015) – 29 quotations, h-index = 4 ,
2. *BazEkon* (8.04.2015) – 4 quotations, h-index = 1.

Leadership of scientific research projects (1)

- project “Enterprise behaviour models in the conditions of dynamic market conditions”, BW nr 3220-5-0186-7, University of Gdańsk, project leader (no co-authors), 2007.

Participation in scientific research project (1)

- project “Efficiency of knowledge-based economy. Theory and practice” BW nr 3440-5-0109-6, University of Gdańsk, project leader: dr hab. Teresa Kamińska, Associate Professor, University of Gdańsk; co-authors: Joanna Fryca, PhD, Beata Majecka PhD, 2006.

Rector awards for scientific activity (2)

University of Gdańsk Rector Award, First Degree, for the monograph *Market inefficiency. Theory and practice*, 1.10.2004,

University of Gdańsk Rector Award, First Degree, for the monograph *Efficiency of knowledge-based economy*, 1.10.2008.

Rector awards for the scientific and pedagogical activity (2)

University of Gdańsk Individual Rector Award, Second Degree, for pedagogical and organizational activity and publications connected with the theory and practice of organizational behavior, 01.10.2002,

University of Gdańsk Individual Rector Award, Third Degree, for the scientific and pedagogical activity, 01.10.2003.

Reports on conferences (specific list is in the appendix 3)

- 33 reports on national conferences and seminars,
- 2 reports on international conferences.

The reports happened mostly at the following venues: Maritime Academy in Gdynia, Warsaw School of Economics, Katowice University of Economics, Olsztyn University, Szczecin University, University of Gdańsk.

The total ministerial value of publications (according to the Main Library of University of Gdańsk – the database includes publications since 2009, therefore the value applies to those publications) – 93 pts.

A handwritten signature in blue ink, appearing to read 'K. Krawiec', is centered on the page.