<table>
<thead>
<tr>
<th>PAGE</th>
<th>TABLE OF CONTENTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>PREFACE</td>
</tr>
<tr>
<td>7</td>
<td>MISSION &amp; VISION</td>
</tr>
<tr>
<td>11</td>
<td>JACKSTÄDT CENTER TEAM</td>
</tr>
<tr>
<td></td>
<td>PEOPLE</td>
</tr>
<tr>
<td></td>
<td>ROOMS</td>
</tr>
<tr>
<td>33</td>
<td>RESEARCH &amp; COLLABORATION</td>
</tr>
<tr>
<td></td>
<td>ENTREPRENEURSHIP AND PERSONALITY TRAITS</td>
</tr>
<tr>
<td></td>
<td>ENTREPRENEURSHIP &amp; EXTERNALITIES</td>
</tr>
<tr>
<td></td>
<td>ENTREPRENEURIAL ORIENTATION</td>
</tr>
<tr>
<td></td>
<td>INTERNATIONALIZATION</td>
</tr>
<tr>
<td></td>
<td>FURTHER COLLABORATIONS</td>
</tr>
<tr>
<td></td>
<td>PRESENTATIONS</td>
</tr>
<tr>
<td></td>
<td>PUBLICATIONS</td>
</tr>
<tr>
<td>45</td>
<td>TRANSFER</td>
</tr>
<tr>
<td></td>
<td>ENTREPRENEURSHIP IN THE REGION ...</td>
</tr>
<tr>
<td></td>
<td>... AND BEYOND</td>
</tr>
<tr>
<td></td>
<td>EXIST-WORKSHOP</td>
</tr>
<tr>
<td>51</td>
<td>EDUCATION &amp; TEACHING</td>
</tr>
<tr>
<td></td>
<td>POSTGRADUATE EDUCATION</td>
</tr>
<tr>
<td></td>
<td>TEACHING &amp; MENTORING</td>
</tr>
<tr>
<td>55</td>
<td>IMPRINT</td>
</tr>
</tbody>
</table>
We are pleased to present the first annual report of the Jackstädt Center, which is part of the University of Wuppertal, Germany. The University’s strategic profile guiding our future path for development includes themes such as Innovation, Entrepreneurship, and Economic Change. The foundation of the Jackstädt Center substantially strengthens the research capabilities in these important areas. As this report shows, some remarkable scientific research results have already been attained in its first year of existence.

Following an interdisciplinary approach the Center’s research activities are diverse and multifaceted. Among others, they comprise research on the personality of entrepreneurs, strategies for product development and innovation, but also the internationalization of small- and medium-sized firms.

The Jackstädt Center was able to complete its research team by attracting two research-intensive high potentials like Vivien Procher and Diemo Urbig as Assistant Professors (German: Juniorprofessoren). Furthermore, the Center is supposed to serve as a platform for young and talented academics to start promising research careers. We are convinced that the highly qualified interdisciplinary research team will—embedded into international cooperation—provide cutting-edge research results leading to internationally visible publications.

At the same time, it has been important for the founder of the Dr. Werner Jackstädt Foundation that results and scientific insights positively affect Wuppertal and the surrounding region (Bergisches Land). On this note, research collaboration with the Chamber of Commerce and Industry (IHK) of Wuppertal-Solingen-Remscheid has already been initiated.

In sum, we are extremely grateful to the board of trustees and the executive board of the Dr. Werner Jackstädt Foundation. Only the foundations’ highly appreciated support eventually created the opportunity to establish this Center. Furthermore, we thank all nationally and internationally renowned personalities who accepted to join our advisory board. This report documents the beginning and the development of a hopefully lasting and successful Center that positively affects the region as well as the international research arena.

Prof. Dr. Christine Volkmann
Chairwoman of the Jackstädt Center
The goal of the interdisciplinary Jackstädt Center of Entrepreneurship and Innovation Research is to conduct excellent research at an international level in the areas of entrepreneurship and innovation. An important aim is to foster and accompany the transfer of relevant practical questions into business- and economics-related research. Both priorities should lead the Jackstädt Center to become regionally embedded and internationally visible.
The Jackstädt Center is led by an executive committee who, together with a team of assistant professors, research assistants, doctoral students, and student assistants, are engaged in challenging research projects. With their individual fields of research and their unique work experience, the team members each contribute to the Center’s interdisciplinary research character. Particularly, the combination of different approaches, theories, and methods enables us to explore new perspectives when addressing open questions in entrepreneurship and innovation research. An advisory board complements the Jackstädt Center.

The executive committee of the Jackstädt Center consists of four professors from the University of Wuppertal: Christine Volkmann (Chairwoman), Werner Bönte (Deputy Chairman, and Vice Dean for Research of the Schumpeter School of Business and Economics), Michael Fallgatter (Dean of the Schumpeter School of Business and Economics) and Peter Witt. Since its foundation, the executive committee has actively accompanied the scientific and organizational progress of the Jackstädt Center.

With Vivien Procher and Diemo Urbig, the University of Wuppertal has appointed two assistant professors in management and economics who have already active in entrepreneurship and innovation research. They joined the Jackstädt Center in the summer of 2012. Both researchers’ profiles complement one another very well allowing for effective and stimulating cooperation. Vivien Procher and Diemo Urbig have taken over the responsibility to further develop and manage the Jackstädt Center.

Since May 2011, Monika Piegeler has been working as a doctoral student at the Jackstädt Center supervised by Professor Werner Bönte. Monika Piegeler will be the first to finish a doctorate degree at the Center. She has handed in her dissertation thesis entitled “Entrepreneurship and Personality Traits,” and is expected to successfully defend it in the beginning of 2013. Furthermore, three new doctoral students will begin their studies in the second quarter of 2013: Tobias vor der Brüggen, Maximilian Benedict Hohesel, and Philip Steinberg.

In November 2012 the Jackstädt Center hired two student research assistants, Naira Gammersbach (Master student) and Stefan Römer (Bachelor student). They assist the management team and support the Center’s transfer and research projects.

The advisory board consists of Professor Dr. h.c. mult. David B. Audretsch, Ph.D., from Indiana University, USA, Professor Dr. Dr. Holger Patzelt, Director of the Entrepreneurship Research Institute at the Technical University of Munich, Professor Dr. Andreas Pinkwart, President of the Leipzig Graduate School of Management (HHL), Professor Dr. Christoph M. Schmidt, Ph.D., President of the Rheinisch-Westfälisches Institut für Wirtschaftsforschung (RWI), Markus von Blomberg, previous director of Vorwerk and Business Angel for start-ups from the University of Wuppertal, and Dr. Marc Kanter, member of the executive committee of the Dr. Werner Jackstädt Foundation.
EXECUTIVE COMMITTEE

PROF. DR. CHRISTINE VOLKMANN
Research Fields:
Entrepreneurship and Economic Development

PROF. DR. WERNER BÖNTE
Research Fields:
Industrial Economics and Innovation

PROF. DR. MICHAEL FALLGATTER
Research Fields:
Human Resource Management and Organization

PROF. DR. PETER WITT
Research Fields:
Technology and Innovation Management

MANAGEMENT

PROF. DR. VIVIEN PROCHER
Research Fields:
Entrepreneurship, Innovation and Corporate Change

PROF. DR. DIEMO URBIG
Research Fields:
Entrepreneurship, Innovation and Corporate Change

RESEARCH ASSISTANTS AND DOCTORAL STUDENTS

TOBIAS VOR DER BRÜGGEN
Research Fields:
Entrepreneurship and Human Resource Management (since 2013)

MONIKA PIEGELER
Research Fields:
Entrepreneurship and Entrepreneurial Personality

MAXIMILIAN BENEDICT HOHEISEL
Research Fields:
Industrial and Organizational Psychology (since 2013)

PHILIP STEINBERG
Research Fields:
Intercultural Management (since 2013)

STUDENT ASSISTANTS

NAIRA GAMMERSBACH

STEFAN RÖMER
Professor Dr. Christine Volkmann studied Business Administration at the Justus Liebig University in Giessen, and subsequently received her doctorate degree in Business Planning. In September 2008 Christine Volkmann took over the Chair of Economics, especially Entrepreneurship and Economic Development at the Schumpeter School of Business and Economics at the University of Wuppertal. She is also the director of the Institute for Entrepreneurship and Innovation Research (IGIF). In 2005 and again in 2010, she was awarded the UNESCO Chair of Entrepreneurship and Intercultural Management.

In addition, Christine Volkmann is an expert consultant for different European organizations in the area of Entrepreneurship. She engages in a multiplicity of entrepreneurship research projects and is embedded into national and international entrepreneurship networks. From 2001 to 2009, she was a member of board of the Förderkreis Gründungs-Forschung e.V. (FGF), the leading academic association for entrepreneurship research, education, and policy in the German-speaking countries. Since 2007 she has been an academic advisor for the European Entrepreneurship-Organization EFER (European Forum for Entrepreneurship Research).

CURRENT RESEARCH TOPICS
» Social Entrepreneurship
» Academic Entrepreneurship
» Corporate Social Responsibility
» Internationalization

SELECTED PUBLICATIONS


Professor Dr. Werner Bönste studied Economics at Vienna University and the Technical University Berlin. Subsequently, he received his doctorate degree from Hamburg University, where he also completed his habilitation in Economics in 2004. In 2006, he joined the Max-Planck-Institute of Economics in Jena, where he was an Associate Director of the “Entrepreneurship, Growth, and Public Policy Group.” Since November 2007, he has held the Chair of Industrial Economics and Innovation at the University of Wuppertal, and additionally—since 2009—he has also been the Vice Dean for Research at the Schumpeter School of Business and Economics.

**CURRENT RESEARCH TOPICS**

- Industrieökonomik
- Innovationsökonomie
- Entrepreneurship
- Wirtschaftliche Entwicklung von Regionen

**SELECTED PUBLICATIONS**


„The Jackstädt Center should enable young researchers to conduct entrepreneurship and innovation research at a high international standard, enabling them to become visible in the global scientific community. “
Professor Dr. Michael J. Fallgatter studied Business Administration at the Johann Wolfgang Goethe University in Frankfurt, with a focus on Industrial Management and Organisation. Subsequently, he received his doctorate at the Friedrich Schiller University in Jena and attained his habilitation in Business Administration at Bielefeld University.

Since 2004 he has held the Chair of Human Resource Management and Organization at the University of Wuppertal. Michael Fallgatter has been the Dean of the Department of Business and Economics (Schumpeter School of Business and Economics) since June 2008. He was the recipient of the Wolfgang Ritter Prize in 2003 for brilliant scientific research in Business Administration, which was awarded for his book, “Theorie des Entrepreneurship. Perspektiven zur Erforschung der Entstehung und Entwicklung junger Unternehmungen.”

CURRENT RESEARCH TOPICS
» Corporate Governance in Medium-Sized Business
» Employees’ Organizational Self-Commitment
» Performance Assessment Procedures and Incentive Systems
» Entrepreneurship and Entrepreneurial Behavior

SELECTED PUBLICATIONS

“The Jackstädt Center’s interdisciplinary orientation strengthens the existing research activities of the Schumpeter School of Business and Economics.”
Professor Dr. Peter Witt studied Economics at Bonn University and received his doctorate degree from the Otto Beisheim School of Management (WHU) in Vallendar in 1996 for his dissertation on the planning of business-related transformation processes. He received his habilitation from Humboldt University in Berlin for his work on “Corporate Governance Systems in Competition.” In 2002, he was appointed the Chair for Entrepreneurship and Start-Ups at the WHU. In 2006 he moved to the Technical University of Dortmund, where he held the Chair of Innovation and Entrepreneurship Management. Since November 2010, he has held the Chair of Technology and Innovation Management at the University of Wuppertal.

Since 2009, Peter Witt has been the president of the Förderkreis Gründer-Forschung e.V. (FgF), the leading academic association for entrepreneurship research, education, and policy in the German-speaking countries.

CURRENT RESEARCH TOPICS
- Technology Management
- Innovation Management
- Entrepreneurship
- Family Businesses

SELECTED PUBLICATIONS

"The University of Wuppertal looks back on a longstanding tradition of innovation and entrepreneurship research. With the Jackstädt Center, we would like to jointly work on interdisciplinary cutting-edge research questions as well as on effective knowledge transfer in the fields of entrepreneurship and innovation."
Professor Dr. Vivien Procher acquired her Bachelor’s Degree in Government and Economics at the London School of Economics (LSE). Subsequently, she finished her Master’s Degree in Management at the LSE and the Haute Ecole de Commerce (HEC) in Paris, France. Vivien Procher completed her doctoral degree at the Ruhr Graduate School in Economics (RGS Econ), a center for research and higher education in Economics, founded by the universities of Bochum, Dortmund and Duisburg-Essen and by the Rheinisch-Westfälisches Institut für Wirtschaftsforschung (RWI). In her dissertation, based on microeconomic firm-level data, she studied the internationalization of French firms.

Her professional career includes employment as analyst in the corporate headquarters of the Valeo Group in Paris and as research assistant at the RWI in the division “Firms and Innovation”. Additionally, she was Managing Director of the RGS Econ for nearly two years. Since July 2012, she has been engaged as Assistant Professor at the Jackstädt Center.

"With the support of our Center, the Dr. Werner Jackstädt Foundation has—following the general ideas of its primary donor—convincingly spurred interdisciplinary entrepreneurship research. We would like to bring this vision to life. As a team we aim to deliver solid scientific insights that can lead entrepreneurship to new horizons."
Supported by a scholarship of the German National Academic Foundation Prof. Dr. Diemo Urbig earned degrees in Computer Science and in Business Administration from Humboldt University in Berlin. During these studies he also studied at the Copenhagen Business School. After working on social simulation as a research assistant at the Institute of Computer Science at Humboldt University, Diemo Urbig switched to the Business and Economics faculty and worked on the topics of risk perception, overconfidence, and social learning of entrepreneurs. He continued this research at the Max Planck Institute of Economics in Jena, and at the Antwerp Center of Evolutionary Demography at the University of Antwerp in Belgium.

For his work on economic psychology, particularly on risk perceptions, he received his doctorate in „Management Science“ from Radboud University Nijmegen in the Netherlands. Already at the Max Planck Institute of Economics and in Antwerp, Diemo Urbig began to link his work on individual decision-making with research on international management. Research visits led him to Florida International University (2009) and the Wharton School of Business, University of Pennsylvania (2010). Since May 2012, he has been working as Assistant Professor at Jackstädt Center.

CURRENT RESEARCH TOPICS

» Innovation and Entrepreneurship
» Economic and managerial/entrepreneurial psychology
» Organizational behavior
» Complex systems

SELECTED PUBLICATIONS


DIPL.-ING. DIPL.-WIRT. ING.
MONIKA PIEGELER

DOCTORAL STUDENT
AT THE JACKSTÄDT CENTER

Monika Piegeler studied Architecture and Economics at RWTH Aachen, and earned her diploma degrees in 2003 and 2005. She then took over the job as a sales management assistant. In February 2008, she became a research assistant at Werner Bönte’s Chair for Industrial Economics and Innovation at the University of Wuppertal. In May 2011, she joined the newly founded Jackstädt Center. She submitted her dissertation thesis on “Latent and Nascent Entrepreneurship - A Matter of Personality” in December 2012.

CURRENT RESEARCH TOPICS
» Entrepreneurship
» Entrepreneurial personality

SELECTED PUBLICATIONS

M.SC. MAXIMILIAN BENEDICT HOHEISEL

PROSPECTIVE DOCTORAL STUDENT AT THE JACKSTÄDT CENTER

From 2001 to 2006, Maximilian Benedict Hoheisel worked in the energy industry and received a vocational training as industrial manager. From 2006 to 2009 he studied Business Psychology at the University of Bochum; he received his bachelor degree in 2008. At the same time, he completed a program as state-certified management expert at a business college in Dortmund. In his bachelor thesis in Business Psychology he dealt with experienced accountability, proactive personality, and contextual performance in organizations (including the innovative action). His subsequent master’s degree in Psychology (focus on organizational and industrial psychology), was earned from the University of Bochum. During this time he was also involved in projects in talent management, leadership and culture change management run by the Management Institute Bochum (mib).

Since 2010 he has been student research assistant at the Chair of Industrial Sales Engineering at the Faculty of Mechanical Engineering at the University of Bochum. He worked on human resource and leadership development projects. In addition he is also responsible for an interdisciplinary, neuropsychological research project in the area of decision making. Currently, Maximilian Benedict Hoheisel completes his master’s degree. In his thesis, he studies the influence of effective leadership on innovative behavior in organizations, where he also considers the proactive personality. He is expected to join the Jackstädt Center in summer 2013 as doctoral student and research assistant.

CURRENT RESEARCH TOPICS
» Entrepreneurial Orientation
» Innovative behavior and innovation management
» Personality of creative, proactive, and innovative actors
Tobias vor der Brüggen studied Social Sciences at the University of Wuppertal, focusing on Human Resource Management and Organization Studies. During his studies he gained first-hand experience in the research team for future energy and mobility at the Wuppertal Institute for Climate, Environment and Energy. In cooperation with the Wuppertal Institute he completed his diploma thesis on the social determinants of technical innovations.

After his studies he continued to work in the team of Prof. Dr. M. Fischedick, vice president of the Wuppertal Institute. In 2006 he became a project manager at the psychonomics AG where he worked on various research projects for the Federal ministry of Labour and social affairs. As part of an international joint venture, he, along with colleagues, founded the Pi Company in 2009. As managing director and partner he offers consulting services in order to optimize human resource processes and development schemes.

In May 2013, Tobias vor der Brüggen will start to work on his dissertation at the Jackstädt Center.

**Selected Publications**

- On behalf of the German Federal Institute for Occupational Safety and Health (2009): Securing the competitiveness of companies by improving qualitative human resource criteria;

**Current Research Topics**

- Entrepreneurship and Innovation
- Human Resource Management
- Internationalization of firms
- Cultural Management & Economics
- Network structures
- Diffusion of innovation in networks
Naira Gambersbach graduated as a Bachelor in Business and Cultural Studies from the University of Duisburg-Essen. In 2011, she started her studies in Business Administration and Economics (M.Sc.) with a specialization in marketing, service management, and competition at the Schumpeter School of Business and Economics at the University of Wuppertal.

She gained professional work experience during an internship and her two years as a student trainee in the corporate communications/regional marketing division at RWE Deutschland AG, Germany. In November 2012 she joined the Jackstädt Center team as a student research assistant. She is mainly responsible for marketing and communication at the Jackstädt Center, organization of workshops, and is involved in data collection and editing.

Stefan Römer completed his professional training as an industrial mechanic at the ThyssenKrupp Bilstein Tuning GmbH. He then continued his education to qualify as a mechanical engineer, and received his vocational diploma (Fachabitur). Since 2011, he has studied Economics (Bachelor degree) at the Schumpeter School of Business and Economics at the University of Wuppertal.

He gained professional experience during his training phase and three years on the job as industrial mechanic and as a youth group representative at ThyssenKrupp AG. Since November 2012 he has been working as a student assistant at the Jackstädt Center. Here Stefan Römer is particularly responsible for supporting visiting scientists and graduate students as well as for data processing and initial analyses.
Dr. Marc Kanzler is board member of the Dr. Werner Jackstädt Foundation, an independent non-profit organization, whose aim is among others, to provide focused support of academic research in medicine and economics.

Markus von Blomberg was active in leading management functions across Europe until 2007, last as general partner of VORWERK & Co in Wuppertal, Germany. As a member of supervisory boards and advisory boards of several small- and medium-sized firms as well as larger family-owned corporate groups, he founded his own enterprise in 2009. He volunteers as mentor for student start-ups originating from the University of Wuppertal. His special interest within Jackstädt Center is staging and promoting knowledge transfer between the university and the business community.

David Audretsch is a Distinguished Professor and Amsted Chair of Economic Development at Indiana University, where he also serves as Director of the Institute for Development Strategies. His research has focused on the links between entrepreneurship, government policy, innovation, economic development and global competitiveness. His research has been published in over one hundred scholarly articles in prominent academic journals. He is chairman of the Entrepreneurship Division of the Academy of Management (ADM), the world’s leading association in management research.

Holger Patzelt is a member of the Technical University of Munich (TUM), heading the Institute of Entrepreneurship Research. He is well connected on an international scale, and is one of the best-known and best-published researchers on Entrepreneurship within the German community. Holger Patzelt received numerous awards, for example the Ludwig Erhard Prize in 2007, which he received out of the hands of Chancellor Angela Merkel. In the same year he received an award from the Förderkreis Gründungs-Forschung e.V. (FGF).

Andreas Pinkwart is rector and academic president of the Leipzig Graduate School of Management (HHL) and he also holds the Chair for Innovation Management and Entrepreneurship, an endowment fund of Deutsche Bank. As a former Minister for Science, Innovation, Research and Technology of the Federal state of North Rhine-Westphalia, and also in his former role as deputy chairman of the Free Democratic Party (FDP) he aims at closing the gap between science and politics.

Christoph M. Schmidt is president of the Rheinisch-Westfälisches Institut für Wirtschaftsforschung, a renowned Institute for Economic Research located in Essen, Germany. He heads the German council of Economic Advisors, and is an active member of the Enquete Commission “Growth, Prosperity, Quality of Life” that directly reports to the German Parliament (Bundestag).
**RESEARCH & COLLABORATIONS**

**High aspirations, high standards and international as well as national visibility and networking are integral parts of all research and transfer activities at the Jackstädt Center. In the academic context, publications in internationally renowned journals is our ultimate goal.**

**ENTREPRENEURSHIP AND PERSONALITY TRAITS**

Several projects at the Jackstädt Center focus on the personality that characterizes those who start their own business or who wish to do so or who tend towards “entrepreneurial” behavior in a more general sense. The work of Peter Witt, Michael Fallgatter, and Werner Bönte as well as Diemo Urbig’s work and particularly Monika Piegeler’s dissertation are among those projects.

In her dissertation, Monika Piegeler investigates the influence of personality traits such as proactivity, innovativeness, attitude towards risk, and locus of control on entrepreneurial activities. In cooperation with the European Commission, she managed to add personality-related questions to a questionnaire for a telephone interview on entrepreneurship, which was conducted in 32 countries with more than 26,000 interviewees. The questions were designed by Monika Piegeler and Werner Bönte in cooperation with the Max Planck Institute of Economics in Jena, Germany. By now they are not only evaluated at the Jackstädt Center, but also used for further investigations in other international research projects, for example in Amsterdam, Antwerp, Tilburg, and Rotterdam. The results were presented nationally and internationally, and a paper is about to be published in Small Business Economics, a journal which focuses on entrepreneurship and SMEs.


Diemo Urbig has studied risk perception and its dependence on the nature of the risk ever since his dissertation. The theory Diemo Urbig developed in his Ph.D. thesis is not only applied in entrepreneurship research but also for the explanation of differences in employee satisfaction in large companies and for the explanation of students’ optimistic orientation towards life. Diemo Urbig cooperates with researchers from the U.K. (for example from the University of Strathclyde) and the U.S. (for example from the University of Illinois/Chicago, the George Washington University, and the University of Colorado/Boulder). First papers, which are based on these research activities, have been published (Urbig et al., 2012); others have been presented at numerous international conferences and are currently in review processes.


In another project which belongs to the field of entrepreneurship and personality traits, Diemo Urbig and partners from the universities of Utrecht and Nijmegen investigate if entrepreneurs and people with entrepreneurial experiences do develop or have developed specific learning patterns. It has been found that this group of people is not perseverant and persistent in general. While they are more persistent than others with regard to the exploration of less known action alternatives, they may well be inclined to change

**ROOMS**

The assistant professors, doctoral students, and research assistants have moved into bright and spacious offices in Building P at the University of Wuppertal. In total, the Jackstädt Center occupies five offices providing sufficient space for two professors, up to three research assistants (graduate students and post-docs) and two student assistants. In addition, one office is reserved for national and international visiting scholars who will inspire and enrich the exchange of ideas and enables working on joint research and transfer projects. Thus, not only the visibility of the Jackstädt Center is increased, but also active networking is strongly encouraged.

The Schumpeter School of Business and Economics with the Dean Michael Fallgatter, who is member of the executive committee of the Jackstädt Center, has generously provided the Jackstädt Center with furniture and basic office equipment. Necessary complementary investments have been planned and are currently being implemented.
While positive spillovers are one of the main arguments for political intervention in economic processes (for example by way of start-up promotion), research has sporadically investigated such external effects. The Jackstädt Center addresses external effects in the entrepreneurial context in two different projects: the “knowledge spillover theory of Entrepreneurship” which was developed by David Audretsch and Zoltan Acs focuses on knowledge externalities as a driver of entrepreneurial activities. Unused knowledge of existing institutions (for example universities or companies) is used and commercialized by entrepreneurs. In cooperation with David Audretsch, Vivien Procher and Diemo Urbig will focus theoretically and empirically on the effectiveness of knowledge spillover channels, i.e. the ways in which unused knowledge reaches potential entrepreneurs. Here, the Jackstädt Center benefits from the established and thematically relevant cooperation between Werner Bönte and David Audretsch.


Externalities also play an important role in the field of social entrepreneurship, which is dealt with very thoroughly by Christine Volkmann. While in this context an entrepreneurs’ social preference is a driving factor, it remains unclear if entrepreneurs who do not focus on social enterprises tend to be more or less social than other professional groups. Research on personality traits and research on externalities are combined here. Therefore, Diemo Urbig and researchers from the universities of Tilburg, Utrecht, and Nijmegen (NL) investigate the social attitudes of entrepreneurs. First results from pilot studies have been published and show that in spite of their business talent entrepreneurs are not less social than other people. Currently further studies in this context are conducted.


In cooperation with Prof. Lou Manno (University of Alabama, USA) and Prof. Carina Lomberg (University of Bern, Switzerland), Diemo Urbig has started a project, which adds a new aspect to research on firm’s entrepreneurial orientation. The employed method has been rediscovered in organizational theory only recently. Instead of investigating how strongly various aspects of entrepreneurial orientation (for example, a firm’s innovativeness, proactivity, or risk taking) influence a company’s success, the focus is now put on those effects, which cannot be assigned to any individual aspect. This research complements research by Peter Witt in this field. A paper resulting from this research is currently in a review process.

Muehlfeld, K., Urbig, D., & Weitzel, U., Entrepreneurs’ Search Behavior: An Experimental Study. Presented at the Academy of Management (AOM), Boston, Massachusetts, USA, 3-7 August 2012
Corporate change in a modern and global environment—and especially in high-tech business—is nowadays frequently embedded into an international context. Internationalization is not only an expansion or shift of economic activity through the exploitation of opportunities, but also, when linked with setting up new business units, also associated with the creation of new organizations. Therefore, the creation of a foreign subsidiary can be understood as an entrepreneurial activity. Successful internationalization, therefore, makes similar (though not identical) demands as successful entrepreneurship. Furthermore, with respect to the regional impact of the Jackstädt Center, research on various facets of the internationalization process is especially interesting due to the regional economy’s high degree of internationalization.

In cooperation with the University of Tilburg, Diemo Uribig and Vivien Procher investigate how decision-making and, in particular, cooperation behavior in foreign language contexts differs from comparable settings in native language contexts. First results have been achieved and corresponding papers are in review processes. An important finding is that changing the language causally affects cooperation behavior along two paths. On the one hand, a foreign language generates a subjectively felt and possibly realistic lack of understanding, which subsequently affects decision-making and behavior. On the other hand, language establishes a certain cultural background and, thus, may indirectly influence the salient values and norms of a person. On the basis of mediation and moderation arguments we can identify and separate these two effects. While these early studies were run in Belgium and in the Netherlands, we have made first steps for cooperation with researchers in other language contexts, e.g. from the Copenhagen Business School in Denmark.

As another facet of internationalization research, Vivien Procher studies topics related to market entry and exit of firms. Both corporate and market factors play an important role in choosing a location abroad. Together with Diemo Uribig and Christine Volkman and as part of her larger research interests, she also works on the question of whether family firms differ from others in terms of their internationalization strategy.


The Jackstädt Center is currently developing research collaborations with two other institutions, namely the Centre for European Economic Research (ZEW) and the Rheinisch-Westfälisches Institut für Wirtschaftsforschung (RWI), two leading economic research centers in Germany. In addition, the collaboration with David Audretsch from Indiana University (USA) is going to be expanded.

Since 2008, the Centre for European Economic Research (ZEW), the KfW Banking Group and the Association of Creditreform collaborate to build the first German long-term entrepreneurship panel. For this panel, new companies in both high technology and less technology-intensive fields are surveyed annually. The surveys focus on corporate development and perceptions of current economic conditions. In the future, the Jackstädt Center aims at intensifying efforts to cooperate with selected academics at the ZEW to address open research questions related to entrepreneurship. A first workshop initiated by Werner Bönte in November 2012 allowed the Center’s members to become familiarized with the data and to discuss joint research projects.

Vivien Procher continues her successful collaboration with the Rheinisch-Westfälisches Institut für Wirtschaftsforschung (RWI). Focus of the joint research between the Jackstädt Center and the RWI’s competence division „Environment and Resources“ is individual household and mobility behavior. The long-standing cooperation and dialogue with the competence division „Entrepreneurship and Innovation“ will also be continued.

Based on the specific research questions, there are already established links between the Jackstädt Center and David Audretsch from the Indiana University. We aim at significantly extending this cooperation. In June 2013, we will reinforce this link by a summer workshop in order to evaluate topics and ways for intensifying the cooperation and for developing projects that go beyond existing projects. As a young research institution, the Jackstädt Center can learn a lot from the experience of such established international entrepreneurship researchers.
Research results need to be displayed and discussed with the academic community. The Jackstädt Center aims at contributing to leading national and international conferences and symposia in the fields of business and economics. Generous financial support for conference visits and research-related travel is granted by the Rector of the University of Wuppertal, Prof. Dr. Lambert T. Koch. In 2012, members of the Jackstädt center have successfully participated in the following events:


Piegeler, M., & Bönte, W., Gender Differences in Competitiveness, Risk Tolerance, and Other Personality Traits: Do They Contribute to the Gender Gap in Entrepreneurship? ZEW International Conference on the Dynamics of Entrepreneurship (CoDE), Mannheim, Germany, 4/5. October 2012.


Piegeler, M., & Bönte, W., Gender Differences in Competitiveness, Risk Tolerance, and Other Personality Traits: Do They Contribute to the Gender Gap in Entrepreneurship? 14th International Schumpeter Society Conference (ISS), Brisbane, Australia, 2.-5. Juli 2012.

Bönte, W., & Piegeler, M., Gender Differences in Competitiveness, Risk Tolerance, and Other Personality Traits: Do They Contribute to the Gender Gap in Entrepreneurship? 3rd IZA Workshop on Entrepreneurship Research, Potsdam, Germany, 14./15. Juni 2012.


Piegeler, M., & Bönte, W., Gender Differences in Competitiveness, Risk Tolerance, and Other Personality Traits: Do They Contribute to the Gender Gap in Entrepreneurship? 3rd IZA Workshop on Entrepreneurship Research, Potsdam University, Postdam, Germany, 14./15. Juni 2012.


Publications in refereed journals are an important public signal of an academic research organization, certifying the quality of scientific research achievements. In particular, we are proud that parts of Monika Piegeler’s doctoral thesis have already been accepted for publication in the Journal of Small Business Economics.

The following list provides an overview of publications by members of the Jackstädt Center in 2011 and 2012 as well as research articles that have been already published or are forthcoming in 2013.

**FORTHCOMING**


Procher, V., & Vance, C. (forthcoming). Heterogeneity in the Correlates of Motorized and Non-motorized Travel in Germany: The Intermediating Role of Gender. Transportation Research Record: Journal of the Transportation Research Board.


**PUBLISHED IN 2013**


**PUBLISHED IN 2012**


With regard to transfer activities, the Jackstädt Center is meant to complement the existing and very successful activities of the University of Wuppertal in general and the Schumpeter School in particular (e.g. the Institute for Entrepreneurship and Innovations Research, IGIF). While many of the present efforts aim at evaluating the relevance of research results for practical applicability and eventually transferring them to practice, the Jackstädt Center will instead focus on the question of how the transfer of relevant business problems to academia can be improved.

This aim requires academics and practitioners to meet not only for data generation and presentation of results but to actively discuss practically relevant problems in advance. We do not only think in terms of applied research here but also feel obliged as scientists to translate practical problems into basic research questions. In our view, economic research offers a vast potential for such transfer activities.

ENTREPRENEURSHIP IN THE REGION …

In order to add a research-oriented aspect to the existing successful cooperation between the University of Wuppertal and the regional Chamber of Industry and Commerce (IHK Wuppertal-Solingen-Remscheid), Christine Volkmann introduced the Center’s staff to Michael Wenge, managing director of the IHK Wuppertal-Solingen-Remscheid, in October 2012. Early in 2013, first cooperation agreements with regard to the analysis of practically relevant questions could be reached. Furthermore, we will evaluate if cooperation is possible in the evaluation of anonymized business data collected by the IHK.

… AND BEYOND

In September 2012, a symposium on the societal acceptance of new energy technologies took place in the context of the Global Young Faculty, which is an initiative of the Mercator Foundation and several universities in the Ruhr area. This symposium was organized by the workgroup “Technology and Society” of which Vivien Procher is a member. In the face of new energy technologies there often occurs a political and societal conflict, especially if supra-regional consent clashes with regional dissent. Such a situation may be problematic for entrepreneurs as well as for citizens. At the symposium, more than 80 participants from companies, academia, NGOs and citizens’ initiatives discussed how the citizen can turn from an assumed risk factor into a supportive power in the energy transformation process. The results of this symposium and similar events will be made accessible to the public in a series of audio podcasts. The online podcasts will present examples of successful as well as missing public acceptance and also offer interviews with technology experts.

New technologies often come along with new risks. Diemo Uribig organized an international workshop on “Risk and Uncertainty in a Changing Society” in Antwerp in November 2012 in cooperation with Dirk Geldof and the University Centre Saint-Ignatius Antwerp (UCSIA). While the workshop itself strived for an internal academic dialogue, the initial public panel discussion was intended to bridge the gap between practice and academia. Participants included Prof. Arjen van Witteloostuijn (Tilburg, NL), Prof. Adam Burges (Kent, UK), Prof. Hans Bruyninckx (Leuven, NL) and in particular Prof. Lex Hoogduin (Amsterdam, NL) who was an advisor of the first president of the European Central Bank from 1997-2001.
In March 2012, the University of Wuppertal hosted a two-day EXIST-workshop which was organized by the Schumpeter School, the Institute for Entrepreneurship and Innovations Research, the Jackstädt Center, and the Fraunhofer Institute for Systems and Innovation Research (ISI). EXIST is a support program of the Federal Ministry of Economics and Technology aimed at improving the entrepreneurial environment of universities and research institutions. Furthermore, the Ministry wishes to increase the number of technology- and knowledge-based business start-ups. The workshop had more than 200 participants from all over Germany and was a great success.
EDUCATION & TEACHING

Education and teaching at the Jackstädt Center focus on two areas. On the one hand, postgraduate studies are offered, including an international exchange program that has been designed to promote international networking. On the other hand, the assistant professors are involved in the regular teaching activities at the Schumpeter School of Business and Economics. The Schumpeter School grants them creative freedom in designing their teaching activities, which the assistant professors wish to use for offering research-based learning opportunities with the objective of active promotion of young academics via early integration of students into research.

As a supplement to the Schumpeter School’s postgraduate education, the Jackstädt Center strives to invite international researchers offering postgraduate seminars. In cooperation with Siegen University, we managed to win Simon Parker, Professor of Entrepreneurship at the Richard Ivey School of Business (USA), for a seminar in July 2013. Such events will help to raise the postgraduate education at the Jackstädt Center and at the Schumpeter School to international standards.

TEACHING & MENTORING

In winter 2012/2013, the assistant professors offered a seminar on “Entrepreneurship and its External Effects” which was partly based on earlier research at Christine Volkmann’s Chair and thus, was an ideal supplement to the entrepreneurship education at the University of Wuppertal. External effects occur for example when a company influences other people in a positive or negative manner who can neither influence positive effects themselves, nor can they evade any negative effects. Such spillover effects or externalities play an important role in entrepreneurship and innovation policy, especially with regard to regional effects of entrepreneurship or in the field of social entrepreneurship. The close relation to current research at the Jackstädt Center is elaborated by the fact that some seminar papers directly refer to a new cooperation project between the Jackstädt Center’s assistant professors and Prof. David Audretsch at Indiana University while other papers are based on Diemo Urbig’s recently published work on social preferences.

POSTGRADUATE EDUCATION

With regard to the exchange program, contacts were made with Indiana University (USA) and Tilburg University (NL) in 2012. The terms of cooperation will be elaborated in the near future. In addition to sending out postgraduate students to do a few months of research at one of these institutions and to build up a network with other internationally renowned institutions, we will welcome students and postgraduates from Indiana and Tilburg at the Jackstädt Center. The first exchange student is expected to arrive in June 2013.

We also wish to cooperate with the existing ERASMUS and DAAD exchange programs and the Center for Graduate Studies (ZGS) at the University of Wuppertal in order to allow for the biggest possible benefit from the respective exchange programs. Exchanging students and postgraduates is an important factor in the Jackstädt Center’s international networking activities.
A number of Wuppertal students have applied and are accepted for supervision of their bachelor’s or master’s thesis. Those theses will refer to the Center’s main research fields and offer students the opportunity to deal with phenomena and problems of entrepreneurship and innovation research more thoroughly.
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