Family Entrepreneurship: A Developing Field

Cristina Bettinelli

University of Bergamo, Italy cristina.bettinelli@unibg.it

Alain Fayolle EMLYON Business School, France fayolle@em-lyon.com

Kathleen Randerson EDC Paris Business School, France kathleen.randerson@edcparis.edu



Foundations and Trends[®] in Entrepreneurship

Published, sold and distributed by: now Publishers Inc. PO Box 1024 Hanover, MA 02339 United States Tel. +1-781-985-4510 www.nowpublishers.com sales@nowpublishers.com

Outside North America: now Publishers Inc. PO Box 179 2600 AD Delft The Netherlands Tel. +31-6-51115274

The preferred citation for this publication is

C. Bettinelli, A. Fayolle and K. Randerson. *Family Entrepreneurship:* A Developing Field. Foundations and Trends[®] in Entrepreneurship, vol. 10, no. 3, pp. 161–236, 2014.

This Foundations and Trends[®] issue was typeset in $\mathbb{P}T_{E}X$ using a class file designed by Neal Parikh. Printed on acid-free paper.

ISBN: 978-1-60198-871-3 © 2014 C. Bettinelli, A. Fayolle and K. Randerson

All rights reserved. No part of this publication may be reproduced, stored in a retrieval system, or transmitted in any form or by any means, mechanical, photocopying, recording or otherwise, without prior written permission of the publishers.

Photocopying. In the USA: This journal is registered at the Copyright Clearance Center, Inc., 222 Rosewood Drive, Danvers, MA 01923. Authorization to photocopy items for internal or personal use, or the internal or personal use of specific clients, is granted by now Publishers Inc for users registered with the Copyright Clearance Center (CCC). The 'services' for users can be found on the internet at: www.copyright.com

For those organizations that have been granted a photocopy license, a separate system of payment has been arranged. Authorization does not extend to other kinds of copying, such as that for general distribution, for advertising or promotional purposes, for creating new collective works, or for resale. In the rest of the world: Permission to photocopy must be obtained from the copyright owner. Please apply to now Publishers Inc., PO Box 1024, Hanover, MA 02339, USA; Tel. +1 781 871 0245; www.nowpublishers.com; sales@nowpublishers.com

now Publishers Inc. has an exclusive license to publish this material worldwide. Permission to use this content must be obtained from the copyright license holder. Please apply to now Publishers, PO Box 179, 2600 AD Delft, The Netherlands, www.nowpublishers.com; e-mail: sales@nowpublishers.com

Foundations and Trends[®] in Entrepreneurship Volume 10, Issue 3, 2014 Editorial Board

Editors-in-Chief

Zoltan J. Acs George Mason University United States David B. Audretsch Indiana University United States Mike Wright Imperial College London United Kingdom

Editors

Howard Aldrich University of North Carolina

Sharon Alvarez University of Denver Per Davidsson Queensland University of Technology Michael Frese National University of Singapore William B. Gartner Copenhagen Business School

Magnus Henrekson IFN Stockholm

Michael A. Hitt Texas A&M University

Joshua Lerner Harvard University Jeff McMullen Indiana University Maria Minniti Syracuse University Simon Parker University of Western Ontario Holger Patzelt TU Munich Saras Sarasvathy University of Virginia Roy Thurik

Erasmus University

Editorial Scope

Topics

Foundations and Trends[®] in Entrepreneurship publishes survey and tutorial articles in the following topics:

- Nascent and start-up entrepreneurs
- Opportunity recognition
- New venture creation process
- Business formation
- Firm ownership
- Market value and firm growth
- Franchising
- Managerial characteristics and behavior of entrepreneurs
- Strategic alliances and networks

- Government programs and public policy
- Gender and ethnicity
- New business financing
- Family-owned firms
- Management structure, governance and performance
- Corporate entrepreneurship
- High technology
- Small business and economic growth

Information for Librarians

Foundations and Trends[®] in Entrepreneurship, 2014, Volume 10, 6 issues. ISSN paper version 1551-3114. ISSN online version 1551-3122. Also available as a combined paper and online subscription.

Full text available at: http://dx.doi.org/10.1561/030000049

Foundations and Trends[®] in Entrepreneurship Vol. 10, No. 3 (2014) 161–236 © 2014 C. Bettinelli, A. Fayolle and K. Randerson DOI: 10.1561/0300000049



Family Entrepreneurship: A Developing Field

Cristina Bettinelli Entrepreneurial Lab Reseach Center University of Bergamo, Italy cristina.bettinelli@unibg.it

Alain Fayolle EMLYON Business School, France fayolle@em-lyon.com

Kathleen Randerson EDC Paris Business School, France kathleen.randerson@edcparis.edu

Contents

1	Intr	oduction	2
2	A Conceptualization of Family Entrepreneurship		8
	2.1	Entrepreneurial behaviors	9
	2.2	Family	11
	2.3	The Individual: Embedded in a Family Context	14
	2.4	Family firms: A heterogeneous reality	15
3	The	Family — Individual Nexus	19
	3.1	Socialization and value transmission	21
	3.2	Role modelling, experimentation and development	23
	3.3	The family entrepreneurial behaviors: Some examples \ldots	25
4	The	Individual — Family Firm Nexus	28
	4.1	How the individual affects the family firm entrepreneurial	
		behaviors	28
	4.2	How the family firm affects individual behaviors \ldots .	32
5	The	Family — Family Firm Nexus	34
	5.1	How family affects family firms' entrepreneurial behaviors .	34
	5.2	How family firms affect family entrepreneurial behaviors	42

6	A Research Agenda of Family Entrepreneurship		44	
	6.1	The family — individual nexus	44	
	6.2	The individual — family business nexus	46	
	6.3	Family — family business nexus	47	
7 Toward the Emergence of a New Field of Research?				
Appendix: Details on the Material Used for Our Literature				
	Rev	iew	54	
Ac	Acknowledgments			
Re	References			

iii

Abstract

In this monograph we focus on family entrepreneurship, a developing field that studies entrepreneurial behaviors of family, family members and family businesses by taking into account the possible interplays among them. We offer a conceptualization together with a review of the literature as well as a research agenda of this field. Our conceptualization of family entrepreneurship makes it possible to disentangle complex relationships that characterize the field while the review of the literature offers some examples of how entrepreneurial behaviors can be affected by the family business context. The proposed research agenda offers some guidelines for future research that should advance our knowledge of family entrepreneurship.

C. Bettinelli, A. Fayolle and K. Randerson. *Family Entrepreneurship: A Developing Field*. Foundations and Trends[®] in Entrepreneurship, vol. 10, nos. 3, pp. 161–236, 2014.

DOI: 10.1561/030000049.

1

Introduction

There is worldwide recognition of the importance of family businesses [Faccio and Lang, 2002, Holderness, 2009, Lopez de Silanes et al., 1999] and their contribution to job creation, gross national product, and wealth generation [Beckhard and Dyer, 1983, Feltham et al., 2005, Kelly et al., 2000, Shanker and Astrachan, 1996b].

Entrepreneurship is also growing rapidly. The Global Entrepreneurship Monitor [Kelley et al., 2012] reports that in 2011 there were 388 million entrepreneurs actively engaged in starting and running new businesses worldwide. In many economies there has been a sharp increase in entrepreneurial rates across all levels of development. The reason can be found in recent challenges in the global economy that have led to the downsizing of large traditional organizations, pushing many individuals to seek new employment opportunities or a new career perspective [BarNir et al., 2011]. Entrepreneurial behaviors are thus of vital importance today, considering both the economic downturn that companies have to deal with and the fact that they can be especially beneficial for firms operating in hostile environmental contexts [Zahra and Covin, 1995]. Moreover, research into hostile environments suggests

that a multitude of strategies are used by enterprising families to engage in family entrepreneurship [Nordqvist et al., 2011].

In recent decades, entrepreneurship and family business research fields have been the subject of numerous studies, which have been communicated at conferences and published in scientific journals. Despite the fact that these fields have been studied as two separate domains each with their dedicated research conferences and academic journals, a certain amount of research has been devoted to studying the intersection of the two research fields, in an attempt to generate a new field of family entrepreneurship research [e.g., Fayolle and Begin, 2009, Heck et al., 2008, Kraus et al., 2012, Nordqvist and Melin, 2010, Poutziouris et al., 2004, Rogoff and Heck, 2003, Uhlaner et al., 2012].

Given that many family businesses act entrepreneurially by exploiting new opportunities [Shane and Venkataraman, 2000, Stevenson and Jarillo, 1990] or by adopting strategies and practices underpinned by entrepreneurial attitudes and behaviors, this topic seems all the more relevant. Similarly, entrepreneurship may be considered as the foundation of the family business [Chua et al., 2004].

Moreover, it cannot be denied that the family influences the economic and social orientations of its members, so, we may join Rogoff and Heck [2003] in stating that family is "the oxygen that feeds the fire of entrepreneurship". Additionally, as Selznick [1984] points out, family business entrepreneurs are unique in that they try to build businesses that are also family institutions.

Significant advances have taken place recently, for example, as Brigham [2013] notices in a recent review, family forces on entrepreneurship, entrepreneurial orientation, corporate entrepreneurship, innovation, entrepreneurial risk taking, are some of the most explored topics in family business studies. However, several questions remain unresolved [Sorenson et al., 2013] such as whether family firms are more or less entrepreneurial than non-family ones, how family resources affect transgenerational entrepreneurship [Sharma et al., 2013], or the extent to which corporate venturing in family firms can be an effective value creating tool [Hoy, 2014]. In their conceptual piece, Randerson et al. [forthcoming a] offer a broad topography of what the

Introduction

field of family entrepreneurship may look like and base their exploration of family entrepreneurship on the overlapping fields of family, entrepreneurship, and family business; they identify overlapping questions of interest and blind spots that maintaining a rigid separation between these fields engenders. Although this approach gives a broad view and has set a topography of potential areas of interest, it does not constitute a concrete, operationalizable conceptualization of family entrepreneurship.

Recently, the concept of Family Entrepreneurship has started to be developed by different authors. Among them, Fayolle and Begin [2014, 2009] have focused their attention on the family dimension of individual and organisational entrepreneurial behaviors and the entrepreneurial dimension of family businesses. Here, we define family entrepreneurship as the research field that studies entrepreneurial behaviors of family, family members, and family businesses. Building on the previous work in family entrepreneurship our objective is to explore entrepreneurial behaviors by taking into account the possible interplays that can occur among the individual, the family, and the family business, in order to offer a conceptualization of the field as well as a research agenda of this developing field.

By doing so we contribute to the previous literature in three different ways.

First, through the offered conceptualization of family entrepreneurship we make it possible to disentangle complex relationships that characterize the field. This conceptualization is indeed based on the premise that the field can be better analyzed if we take into consideration the presence of different — though often overlapping — actors, namely the family members, the family as a team and the family business. The presented conceptualization should facilitate a better understanding of the entrepreneurial spirit of many families and family firms [Uhlaner et al., 2012] by also showing the importance of considering the simultaneous presence of different actors and levels of analysis [Zellweger et al., 2012].

Second, our review of the literature offers some examples of how entrepreneurial behaviors can be affected by the interplays that can

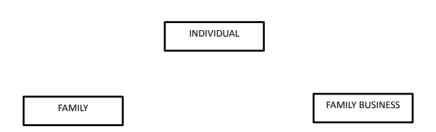


Figure 1.1: The three loci of entrepreneurial behavior in the field of family entrepreneurship.

occur among these actors and sheds light on the fact that not only family businesses are social systems composed of the controlling family unit, the business entity, and the individual family members [Marchisio et al., 2010] but also, that there can be *bi* or even *multi* directional relationships among them. Concretely it is our hope that, thanks to this framework and review, both researchers and family business practitioners can have a clearer and more complete view that allow them to better analyze and realize how entrepreneurial behaviors can be affected in the family business context. Third, our proposed research agenda offers some concrete examples of research questions that should advance our knowledge of family entrepreneurship.

In this conceptualization we identify three loci of entrepreneurial behavior: individual, family, family business, and the dynamics among these loci: the nexus individual-family, the nexus family-family business, and the nexus individual-family business. The model we suggest offers a stylized view to position the loci of influence of entrepreneurial behavior and the nexus among them. Thus, in the family business context, as shown in Figure 1.1, the three main loci are the family, the individual and the family business itself.

By doing so we offer a conceptualization that tries to emphasize narrative reasoning aiming to identify broad links and general patterns that should allow us to see the big picture and to develop a research agenda [Delbridge and Fiss, 2013]. We acknowledge that this model's nexus are bidirectional and that reverse causality may exist (e.g., the family loci may affect individual entrepreneurial behaviors and individual entrepreneurial behaviors may affect the family loci;

Introduction

the individual loci may affect the family entrepreneurial behaviors and the family entrepreneurial behaviors may in turn affect the individual loci and so on), and more than two loci may even be involved at the same time. In this contribution the main task is to offer a model and examples of relevant relationships to show how the complexity of family entrepreneurship could be disentangled in order to generate interesting research questions. Our intention is not to systematically analyze *all* the possible relationships. Therefore, our main focus will be *on nexus where a loci affects entrepreneurial behaviors of another loci*, we will focus less on the reverse causality effects even if we acknowledge their presence and importance.

This position is in line with Nordqvist et al. [2013] who reviewed 117 published papers on succession in family firms. The authors show how succession can be seen from an entrepreneurial process perspective where both the entry of new owners and exit of old ones describe the pursuit of new opportunities, and stress how factors at the individual, family, and firm levels *interact*. Another illustration of potential interactions concerns the questions: how are new opportunities identified and assessed by individuals? Do individuals identify and assess them alone, or do they involve other family members? Do they use the family firm's entrepreneurial network or not [Anderson et al., 2005]?

We recognize that other researchers might offer other models: our hope is to promote discussion and encourage debate in this emerging field.

This monograph is structured as follows. In Section 2, we present a conceptualization of family entrepreneurship: we present the loci of entrepreneurial behaviors (the family, the individual, and the family firm) and position the interactions between these loci, the different nexus between each pair of loci. In Section 3, we study the family — individual nexus, and in particular socialization, support and encouragement, and experimentation. In Section 4, we develop on the nexus individual — family firm. In Section 5, we explore the nexus family — family firm. During the course of this contribution we will come to recognize that not only there is a dearth of theory-testing and empirical research concentrating on the effects of family factors on

entrepreneurial processes [Aldrich and Cliff, 2003, Casillas et al., 2011, Memili et al., 2010, Nordqvist et al., 2013], where the family dimensions may be placed at the center stage [Craig and Salvato, 2012, Zellweger et al., 2012]; but there is also a need to show the interconnectedness of entrepreneurship in family firms by considering how entrepreneurial behaviors are hindered or promoted by the three nexus we have identified (i.e., those between the individual, the family, and family business). Our concluding comments underscore the fact that although much is yet to be done, family entrepreneurship could be seen definitely as an emerging field of research which deserves full attention.

- H. E. Aldrich and J. E. Cliff. The pervasive effects of family on entrepreneurship: Toward a family embeddedness perspective. *Journal of Business Ven*turing, 18(5):573–596, 2003.
- S. A. Alvarez and J. B. Barney. Discovery and creation: Alternative theories of entrepreneurial action. *Strategic Entrepreneurship Journal*, 1(1–2):11–26, 2007.
- J. L. Arregle, M. A. Hitt, D. G. Sirmon, and P. Very. The development of organizational social capital: Attributes of family firms. *Journal of Man*agement Studies, 44(1):73–95, 2007.
- J. H. Astrachan, S. B. Klein, and K. X. Smyrnios. The F-PEC scale of family influence: A proposal for solving the family business definition problem. *Family Business Review*, 15(1):45–58, 2002.
- K. Au and H. K. Kwan. Startup capital and chinese entrepreneurs: The role of family. *Entrepreneurship Theory and Practice*, 33(4):889–908, 2009.
- E. Autio, L. Dahlander, and L. Frederiksen. Information exposure, opportunity evaluation, and entrepreneurial action: An investigation of an online user community. Academy of Management Journal, 56(5):1348–1371, 2013.
- T. Baker and R. E. Nelson. Creating something from nothing: Resource construction through entrepreneurial bricolage. Administrative Science Quarterly, 50(3):329–366, 2005.

Full text available at: http://dx.doi.org/10.1561/030000049

References

- A. BarNir, W. E. Watson, and H. M. Hutchins. Mediation and moderated mediation in the relationship among role models, self-efficacy, entrepreneurial career intention, and gender. *Journal of Applied Social Psychology*, 41(2):270–297, 2011.
- M. Barrett and K. Moores. Spotlights and shadows: Preliminary findings about the experiences of women in family business leadership roles. *Journal of Management & Organization*, 15(3):363–377, 2009.
- R. Basco and M. J. Perez-Rodriguez. Studying the family enterprise holistically evidence for integrated family and business systems. *Family Business Review*, 22(1):82–95, 2009.
- A. Basu. Entrepreneurial aspirations among family business owners: An analysis of ethnic business owners in the UK. International Journal of Entrepreneurial Behaviour & Research, 10(1/2):12–33, 2004.
- R. Beckhard and G. Dyer. Managing change in the family firm: Issues and strategies. *Sloan Management Review*, 24(3):59–66, 1983.
- T. M. Begley, W. Tan, A. B. Larasati, A. Rab, E. Zamora, and G. Nanayakkara. The relationship between socio-cultural dimensions and interest in starting a business: A multi-country study. *Frontiers of Entrepreneurship Research*, 17, 1997.
- M.-M. H. Bergfeld and F.-M. Weber. Dynasties of innovation: Highly performing German family firms and the owners' role for innovation. *International Journal of Entrepreneurship & Innovation Management*, 13(1):80–94, 2011.
- M. Bertrand and A. Schoar. The role of family in family firms. The Journal of Economic Perspectives, 20(2):73–96, 2006.
- E. Bieto, A. Gimeno, and M. Parada. Dealing with increasing family complexity to achieve transgenerational potential in family firms. In N. M. and T. Zellweger, editors, *Transgenerational Entrepreneurship: Exploring Growth and Performance in Family Firms Across Generations*, pages 167– 194. Edward Elgar Publishing, Cheltenham UK, 2010.
- B. Bird and L. Schjoedt. Entrepreneurial behavior: Its nature, scope, recent research, and agenda for future research. In *Understanding the entrepreneurial mind*, pages 327–358. Springer, 2009.
- A. Bloch, A. Joseph, and M. Santi. Propelled into the future: Managing family firm entrepreneurial growth despite generational breakthroughs within family life stage. In N. M. and T. M. Zellweger, editors, *Transgenerational Entrepreneurship: Exploring Growth and Performance in Family Firms Across Generations*, pages 142–166. Edward Elgar Publishing, Cheltenham, UK, 2010.

- D. Bowman. Men's business negotiating entrepreneurial business and family life. Journal of Sociology, 43(4):385–400, 2007.
- D. D. Bowman. The deal: Wives, entrepreneurial business and family life. Journal of Family Studies, 15(2):167–176, 2009.
- T. Bratkovič, B. T. Antoncic, and M. Ruzzier. The personal network of the owner-manager of a small family firm: The crucial role of the spouse. *Managing Global Transitions*, 7(2):171–190, 2009.
- K. H. Brigham. Social and economic impact of family business. In R. L. Sorenson, A. K. H. Yu Brigham, and G. Lumpkin, editors, *The Landscape of Family Business*, volume 78. Edward Elgar Publishing, Cheltenham, Glos, UK, 2013.
- R. H. Brockhaus. Entrepreneurship and family business research: Comparisons, critique and lessons. *Entrepreneurship Theory and Practice*, 19(1): 25–38, 1994.
- E. Brundin, M. Nordqvist, and L. Melin. Entrepreneurial orientation across generations in family firms: The role of owner-centric culture for proactiveness and autonomy. In N. M. and T. Zellweger, editors, *Transgenerational Entrepreneurship: Exploring Growth and Performance in Family Firms Across Generations*, pages 123–141. Edward Elgar Publishing, Cheltenham, Glos, UK, 2010.
- M. S. Cardon, J. Wincent, J. Singh, and M. Drnovsek. The nature and experience of entrepreneurial passion. *Academy of Management Review*, 34(3): 511–532, 2009.
- S. Carter. The rewards of entrepreneurship: Exploring the incomes, wealth, and economic well-being of entrepreneurial households. *Entrepreneurship Theory and Practice*, 35(1):39–55, 2010.
- J. C. Casillas, A. M. Moreno, and J. L. Barbero. Entrepreneurial orientation of family firms: Family and environmental dimensions. *Journal of Family Business Strategy*, 2(2):90–100, 2011.
- M. Casson. Entrepreneurship, business culture and the theory of the firm. In A. Z. J. and D. B. Audretsch, editors, *Handbook of Entrepreneurship Research*, pages 249–271. Springer, New York, 2010.
- A. D. Chandler. Scale and Scope. Cambridge Harvard University Press, Boston, 1990.
- S. Chlosta, H. Patzelt, S. B. Klein, and C. Dormann. Parental role models and the decision to become self-employed: The moderating effect of personality. *Small Business Economics*, 38(1):121–138, 2012.

Full text available at: http://dx.doi.org/10.1561/030000049

References

- J. J. Chrisman and P. C. Patel. Variations in R&D investments of family and nonfamily firms: Behavioral agency and myopic loss aversion perspectives. *Academy of Management Journal*, 55(4):976–997, 2012.
- J. J. Chrisman, J. H. Chua, and L. P. Steier. The influence of national culture and family involvement on entrepreneurial perceptions and performance at the state level. *Entrepreneurship Theory and Practice*, 26(4):113–130, 2002.
- J. J. Chrisman, J. H. Chua, and L. P. Steier. An introduction to theories of family business. *Journal of Business Venturing*, 18(4):441–448, 2003.
- J. J. Chrisman, J. H. Chua, and P. Sharma. Important attributes of successors in family businesses: An exploratory study. *Family Business Review*, 11(1): 19–34, 2004.
- J. J. Chrisman, P. Sharma, and S. Taggar. Family influences on firms: An introduction. *Journal of Business Research*, 60(10):1005–1011, 2007.
- J. J. Chrisman, J. H. Chua, A. De Massis, F. Frattini, and M. Wright. The ability and willingness paradox in family firm innovation. *Journal of Product Innovation Management*, forthcoming.
- J. H. Chua, J. J. Chrisman, and P. Sharma. Defining the family business by behavior. *Entrepreneurship Theory and Practice*, 23:19–40, 1999.
- J. H. Chua, J. J. Chrisman, and E. P. Chang. Are family firms born or made? An exploratory investigation. *Family Business Review*, 17(1):37–54, 2004.
- J. H. Chua, J. J. Chrisman, F. Kellermanns, and Z. Wu. Family involvement and new venture debt financing. *Journal of Business Venturing*, 26(4): 472–488, 2009.
- H. Chung and J. Gale. Family functioning and self-differentiation: A crosscultural examination. *Contemporary Family Therapy*, 31(1):19–33, 2009.
- J. S. Coleman. Social capital in the creation of human capital. American Journal of Sociology, 93:291–321, 1988.
- G. Corbetta, G. Marchisio, and C. Salvato. Fostering entrepreneurship in established family firms. In G. Corbetta, M. Huse, and D. Ravasi, editors, *Crossroads of Entrepreneurship*, pages 99–126. Springer, New York City, 2005.
- N. E. Coviello, M. V. Jones, and P. P. McDougall-Covin. Is international entrepreneurship research a viable spin-off from its parent disciplines? In A. Fayolle and P. Riot, editors, *Institutionalization of Entrepreneurship: Hopes and Pitfalls for Entrepreneurship Research*. Routledge, Abingdon, UK, forthcoming.

- J. B. Craig and C. Salvato. The distinctiveness, design, and direction of family business research insights from management luminaries. *Family Business Review*, 25(1):109–116, 2012.
- J. B. Craig, C. Dibrell, and P. S. Davis. Leveraging family? Based brand identity to enhance firm competitiveness and performance in family businesses. *Journal of Small Business Management*, 46(3):351–371, 2008.
- A. Discua Cruz, E. Hamilton, and S. L. Jack. Understanding entrepreneurial cultures in family businesses: A study of family entrepreneurial teams in honduras. *Journal of Family Business Strategy*, 3(3):147–161, 2012.
- C. Cruz and M. Nordqvist. Entrepreneurial orientation in family firms: A generational perspective. *Small Business Economics*, 38(1):33–49, 2010.
- C. Cruz and M. Nordqvist. Entrepreneurial orientation in family firms: A generational perspective. *Small Business Economics*, 38:33–49, 2012.
- M. S. Dahl and O. Sorenson. The embedded entrepreneur. European Management Review, 6(3):172–181, 2009.
- M. C. Dale, D. Shepherd, and C. Woods. Family models as a framework for employment relations in entrepreneurial family businesses. *New Zealand Journal of Employment Relations*, 33:55–73, 2008.
- S. M. Danes, K. Stafford, G. Haynes, and S. S. Amarapurkar. Family capital of family firms bridging human, social, and financial capital. *Family Business Review*, 22(3):199–215, 2009.
- S. M. Danes, A. E. Matzek, and J. D. Werbel. Spousal context during the venture creation process. In L. G. T. Steward and J. A. Katz, editors, *Entrepreneurship and Family Business. Advances in Entrepreneurship, Firm Emergence and Growth*, vol. 12, pages 113–161. Emerald Group Publishing Limited, Bingley, 2010.
- A. De Bruin and K. Lewis. Toward enriching united career theory: Familial entrepreneurship and copreneurship. *Career Development International*, 9 (7):638–646, 2004.
- A. De Massis, P. Sharma, J. H. Chua, and J. J. Chrisman. Family Business Studies: An Annotated Bibliography. Edward Elgar Publishing, 2012.
- A. De Massis, F. Frattini, and U. Lichtenthaler. Research on technological innovation in family firms: Present debates and future directions. *Family Business Review*, 26(1):10–31, 2013.
- R. Delbridge and P. Fiss. Styles of theorizing and the social organization of knowledge. Academy of Management Review, 38(3):325–331, 2013.

- D. DeTienne and M. Cardon. Impact of founder experience on exit intentions. Small Business Economics, 38(4):351–374, 2012.
- C. Dibrell, J. B. Craig, K. Moores, A. J. Johnson, and P. S. Davis. Factors critical in overcoming the liability of newness: Highlighting the role of family. *The Journal of Private Equity*, 12(2):38–48, 2009.
- H.-B. Ding. Family involvement in family firms: Antecedents and moderators. In P. H. Phan and B. J. E., editors, *Theoretical Developments and Future Research in Family Business*, pages 177–193. IAP, Charlotte, North Carolina, 2008.
- S. Drakopoulou Dodd, A. Anderson, and S. Jack. Being in time and the family owned firm. *Scandinavian Journal of Management*, 2013.
- C. Dumas. Understanding of father-daughter and father-son dyads in familowned businesses. *Family Business Review*, 2(1):31–46, 1989.
- T. Dvir, D. Eden, B. J. Avolio, and B. Shamir. Impact of transformational leadership on follower development and performance: A field experiment. *Academy of Management Journal*, 45(4):735–744, 2002.
- W. G. Dyer. Examining the "family effect" on firm performance. *Family Business Review*, 19(4):253–273, 2006.
- W. G. Dyer and W. Handler. Entrepreneurship and family business: Exploring the connections. *Entrepreneurship Theory and Practice*, 19:71–83, 1994.
- W. G. Dyer and S. P. Mortensen. Entrepreneurship and family business in a hostile environment: The case of Lithuania. *Family Business Review*, 18 (3):247–258, 2005.
- K. Eddleston, F. Kellermanns, and R. Sarathy. Resource configuration in family-firms: Linking resources, strategic planning and environmental dynamism to performance. *Journal of Management Studies*, 45(1):26–50, 2008.
- K. A. Eddleston, F. W. Kellermanns, S. W. Floyd, V. L. Crittenden, and W. F. Crittenden. Planning for growth: Life stage differences in family firms. *Entrepreneurship Theory and Practice*, 37(5):1177–1202, 2013.
- G. H. Elder, M. K. Johnson, and R. Crosnoe. The emergence and development of life course theory. In J. T. Mortimer and M. J. Shanahan, editors, *Hand*book of the Life Course. Springer, Plenum, Amsterdam, The Netherlands, 2003.
- M. D. Ensley, K. M. Hmieleski, and C. L. Pearce. The importance of vertical and shared leadership within new venture top management teams: Implications for the performance of startups. *The Leadership Quarterly*, 17(3): 217–231, 2006.

- M. Faccio and L. H. P. Lang. The ultimate ownership of Western European corporations. *Journal of Financial Economics*, 65(3):365–395, 2002.
- R. W. Fairlie and A. Robb. Families, human capital, and small business: Evidence from the characteristics of business owners survey. *Industrial and Labor Relations Review*, 60(2), 2007.
- A. Fayolle and L. Begin. Entrepreneuriat familial: Croisement de deux champs ou nouveau champ issu d'un double croisement? *Management international/Gestion Internacional/International Management*, 14(1):11–23, 2009.
- A. Fayolle, O. Basso, and V. Bouchard. Three levels of culture and firms' entrepreneurial orientation: A research agenda. *Entrepreneurship and Regional Development*, 22(7–8):707–730, 2010.
- T. S. Feltham, G. Feltham, and J. J. Barnett. The dependence of family businesses on a single decision-maker. *Journal of Small Business Management*, 43(1):1–15, 2005.
- G. Fisher. Effectuation, causation, and bricolage: A behavioral comparison of emerging theories in entrepreneurship research. *Entrepreneurship Theory* and Practice, 36(5):1019–1051, 2012.
- D. Fletcher. "Interpreneurshi" Organisational (re) emergence and entrepreneurial development in a second-generation family firm. International Journal of Entrepreneurial Behaviour & Research, 10(1/2):34–48, 2004.
- E. Garcìa-Álvarez and J. López-Sintas. A taxonomy of founders based on values: The root of family business heterogeneity. *Family Business Review*, 14(3):209–230, 2001.
- E. Garcìa-Álvarez, J. López-Sintas, and P. S. Gonzalvo. Socialization patterns of successors in first-to second-generation family businesses. *Family Business Review*, 15(3):189–203, 2002.
- W. B. Gartner. A conceptual framework for describing the phenomenon of new venture creation. Academy of management review, 10(4):696–706, 1985.
- W. B. Gartner. Who is an entrepreneur? is the wrong question. *Entrepreneurship: Theory & Practice*, 13:47–68, 1989.
- E. Gedajlovic, M. Carney, J. J. Chrisman, and F. W. Kellermanns. The adolescence of family firm research taking stock and planning for the future. *Journal of Management*, 38(4):1010–1037, 2012.
- K. E. Gersick, J. A. Davis, H. M. McCollom, and I. Lansberg. Generation to Generation: Life Cycles of the Family Business. Harvard Business Press, 1997.

- L. R. Gomez-Mejia, K. T. c. Haynes, M. Núñez-Nickel, K. J. Jacobson, and J. Moyano-Fuentes. Socioemotional wealth and business risks in familycontrolled firms: Evidence from Spanish olive oil mills. *Administrative Sci*ence Quarterly, 52(1):106–137, 2007.
- L. R. Gomez-Mejia, C. Cruz, P. Berrone, and J. De Castro. The bind that ties: Socioemotional wealth preservation in family firms. *The Academy of Management Annals*, 5(1):653–707, 2011.
- M. Granovetter. Economic action and social structure: The problem of embeddedness. *American Journal of Sociology*, 91(3):481–510, 1985.
- F. J. Greene, L. Han, and S. Marlow. Like mother, like daughter? Analyzing maternal influences upon women's entrepreneurial propensity. *Entrepreneurship Theory and Practice*, 37(4):687–711, 2013.
- V. Gupta, N. Levenburg, L. L. Moore, and J. Motwani. Exploring the construct of family business in the emerging markets. *International Journal of Business and Emerging Markets*, 1(2):189–208, 2008.
- T. G. Habbershon. Commentary: A framework for managing the familiness and agency advantages in family firms. *Entrepreneurship theory and practice*, 30(6):879–886, 2006.
- T. G. Habbershon and M. L. Williams. A resource-based framework for assessing the strategic advantages of family firms. *Family Business Review*, 12 (1):1–25, 1999.
- T. G. Habbershon, M. Nordqvist, and T. Zellweger. Transgenerational entrepreneurship. In Transgenerational Entrepreneurship: Exploring Growth and Performance in Family Firms Across Generations, pages 1– 38. Edward Elgar, Cheltenham, England, 2010.
- A. Hall and M. Nordqvist. Professional management in family businesses: Toward an extended understanding. *Family Business Review*, 21(1):51–69, 2008.
- A. Hall, L. Melin, and M. Nordqvist. Entrepreneurship as radical change in the family business: Exploring the role of cultural patterns. *Family Business Review*, 14(3):193–208, 2001.
- D. C. Hambrick and M. J. Chen. New academic fields as admittance-seeking social movements: The case of strategic management. Academy of Management Review, 33(1):32–54, 2008.
- E. Hamilton. Whose story is it anyway? Narrative accounts of the role of women in founding and establishing family businesses. *International Small Business Journal*, 24(3):253–271, 2006.

- I. C. Harris. Ethnicity effects on the family business entrepreneurial process: Commentary and extension. *Family Business Review*, 22:293–296, 2009.
- R. K. Z. Heck, F. Hoy, P. Z. Poutziouris, and L. P. Steier. Emerging paths of family entrepreneurship research. *Journal of Small Business Management*, 46(3):317–330, 2008.
- P. R. Hedberg and S. M. Danes. Explorations of dynamic power processes within copreneurial couples. *Journal of Family Business Strategy*, 3(4): 228–238, 2012.
- G. E. Hills and H. Welsch. Entrepreneurship behavioural intentions and student independence, characteristics and experience. Paper presented at the Frontiers of Entrepreneurship Research: Proceedings of the Sixth Annual Babson College Entrepreneurship Research Conference, Babson College, Babson Park, MA, 1986.
- R. D. Hisrich and G. Fülöp. Women entrepreneurs in family business: The hungarian case. *Family Business Review*, 10(3):281–302, 1997.
- M. A. Hitt, R. D. Ireland, D. G. Sirmon, and C. A. Trahms. Strategic entrepreneurship: Creating value for individuals, organizations, and society. *The Academy of Management Perspectives*, 25(2):57–75, 2011.
- J. Hoffman, M. Hoelscher, and R. Sorenson. Achieving sustained competitive advantage: A family capital theory. *Family Business Review*, 19(2):135–145, 2006.
- G. H. Hofstede. Culture's Consequences: Comparing Values, Behaviors, Institutions and Organizations Across Nations. Sage, Thousand Oaks, CA, 2001.
- C. G. Holderness. The myth of diffuse ownership in the United States. *Review* of *Financial Studies*, 22(4):1377–1408, 2009.
- F. Hoy. Entrepreneurial venturing for family business research. In L. Melin, M. Nordqvist, and P. Sharma, editors, SAGE Handbook of Family Business, pages 620–628. SAGE, London, 2014.
- F. Hoy and G. Laffranchini. Managing family business. Oxford Bibliographies, http://www.oxfordbibliographies.com/obo/page/management>, 2014.
- F. Hoy and P. Sharma. *Entrepreneurial Family Firms*. Prentice Hall Englewood Cliffs, NJ, 2010.
- A. E. James, J. E. Jennings, and R. S. Breitkreuz. Worlds apart? Rebridging the distance between family science and family business research. *Family Business Review*, 25(1):87–108, 2012.

- J. E. Jennings, R. S. Breitkreuz, and A. E. James. Theories from family science: A review roadmap for family business research. In L. Melin, M. Nordqvist, and P. Sharma, editors, *SAGE Handbook of Family Business*, pages 25–46. SAGE, London, 2014.
- J. A. Katz, G. T. Lumpkin, and A. Stewart. *Entrepreneurship and Family Business*. Emerald Group Publishing, Bingley UK, 2010.
- F. W. Kellermanns and K. A. Eddleston. Corporate entrepreneurship in family firms: A family perspective. *Entrepreneurship Theory and Practice*, 30(6): 809–830, 2006.
- F. W. Kellermanns, K. A. Eddleston, T. Barnett, and A. Pearson. An exploratory study of family member characteristics and involvement: Effects on entrepreneurial behavior in the family firm. *Family Business Review*, 21(1):1–14, 2008.
- D. J. Kelley, S. Singer, and M. Herrington. Global report. The Global Entrepreneurship Monitor. Global Entrepreneurship Research Association, 2012.
- L. M. Kelly, N. Athanassiou, and W. F. Crittenden. Founder centrality and strategic behavior in the family-owned firm. *Entrepreneurship Theory and Practice*, 25(2):27–42, 2000.
- C. A. Kent, D. Sexton, P. Van Auken, D. Young, J. Hornaday, J. Timmons, and K. Vesper. Managers and entrepreneurs: Do lifetime experience matter. In *Frontiers of Entrepreneurship Research*, pages 516–525. Babson College, Wellesley, Massachusetts, 2nd edition, 1982.
- D. Kenyon-Rouvinez. Patterns in serial business families: Theory building through global case study research. *Family Business Review*, 14(3):175–191, 2001.
- J. Kirkwood. Igniting the entrepreneurial spirit: Is the role parents play gendered? International Journal of Entrepreneurial Behaviour & Research, 13 (1):39–59, 2007.
- J. Kirkwood. Spousal roles on motivations for entrepreneurship: A qualitative study in New Zealand. *Journal of Family and Economic Issues*, 30(4): 372–385, 2009.
- I. M. Kirzner. Entrepreneurial discovery and the competitive market process: An Austrian approach. *Journal of Economic Literature*, 35(1):60–85, 1997.
- K. Klyver. Shifting family involvement during the entrepreneurial process. International Journal of Entrepreneurial Behaviour & Research, 13(5):258–277, 2007.

- P. Koellinger, M. Minniti, and C. Schade. Gender differences in entrepreneurial propensity. Oxford Bulletin of Economics & Statistics, 75 (2):213–234, 2013.
- A. F. Koerner and M. A. Fitzpatrick. Toward a theory of family communication. Communication Theory, 12(1):70–91, 2002.
- A. F. Koerner and M. A. Fitzpatrick. Communication in intact families. In A. Vangelisti, editor, *Handbook of Family Communication*, pages 177–195. Lawrence Erlbaum, Mahwah, NJ, 2004.
- N. D. Kraiczy, A. Hack, and F. W. Kellermanns. What makes a family firm innovative? CEO risk-taking propensity and the organizational context of family firms. *Journal of Product Innovation Management*, forthcoming.
- S. Kraus, J. B. Craig, C. Dibrell, and S. Maerk. Family firms and entrepreneurship: Contradiction or synonym? *Journal of Small Business & Entrepreneurship*, 25(2):135–139, 2012.
- P. M. Kreiser, L. D. Marino, P. Dickson, and K. M. Weaver. Cultural influences on entrepreneurial orientation: The impact of national culture on risk taking and proactiveness in SMEs. *Entrepreneurship Theory and Practice*, 34(5):959–983, 2010.
- N. F. Krueger. The impact of prior entrepreneurial exposure on perceptions of new venture feasibility and desirability. *Entrepreneurship Theory and Practice*, 18(1):5–21, 1993.
- N. Langowitz and M. Minniti. The entrepreneurial propensity of women. Entrepreneurship Theory and Practice, 31(3):341–364, 2007.
- I. S. Lansberg. Managing human resources in family firms: The problem of institutional overlap. Organizational dynamics, 12(1):39–46, 1983.
- U. Lassini and C. Salvato. Balancing familiness resource pools for entrepreneurial performance. In M. Nordqvist and T. Zellweger, editors, *Transgenerational Entrepreneurship: Exploring Growth and Performance in Family Firms Across Generations*, pages 58–95. Edward Elgar Publishing, Cheltenham, UK, 2010.
- I. Le Breton-Miller and D. Miller. Why do some family businesses outcompete? Governance, long-term orientations, and sustainable capability. *Entrepreneurship Theory and Practice*, 30(6):731–746, 2006.
- I. Le Breton-Miller and D. Miller. To grow or to harvest? Governance, strategy and performance in family and lone founder firms. *Journal of Strategy and Management*, 1(1):41–56, 2008.

Full text available at: http://dx.doi.org/10.1561/030000049

References

- I. Le Breton-Miller and D. Miller. Agency vs. stewardship in public family firms: A social embeddedness reconciliation. *Entrepreneurship: Theory & Practice*, 33:1169–1191, 2009.
- J. Leaptrott. An institutional theory view of the family business. *Family Business Review*, 18:215–228, 2005.
- J. Leaptrott and J. M. McDonald. Entrepreneurial opportunity exploitation and the family: Relationship-based factors that affect the adult child's decision to jointly participate with parents in a new venture. *Entrepreneurial Executive*, 13:101–115, 2008.
- B. F. Lentz and D. N. Laband. Entrepreneurial success and occupational inheritance among proprietors. *Canadian Journal of Economics*, pages 563–579, 1990.
- R. A. Litz. Two sides of a one-sided phenomenon: Conceptualizing the family business and business family as a Möbius strip. *Family Business Review*, 21(3):217–236, 2008.
- F. Lopez de Silanes, La R. Porta, and A. Shleifer. Corporate ownership around the world. *Journal of finance*, 54(2):471–517, 1999.
- K. Lyytinen and J. L. King. Nothing at the center?: Academic legitimacy in the information systems field. *Journal of the Association for Information* Systems, 5(6):8, 2004.
- S. C. Malone and P. V. Jenster. The problem of the plateaued owner-manager. Family Business Review, 5(1):25–42, 1992.
- G. Marchisio, P. Mazzola, S. Sciascia, M. Miles, and J. Astrachan. Corporate venturing in family business: The effects on the family and its members. *Entrepreneurship and Regional Development*, 22(3–4):349–377, 2010.
- C. H. Mathews and S. B. Moser. Family background and gender: Implications for interest in small firm ownership. *Entrepreneurship & Regional Development*, 7(4):365–378, 1995.
- A. McKelvie, A. McKenny, G. Lumpkin, and J. C. Short. Corporate entrepreneurship in family businesses: Past contributions and future opportunities. In P. Sharma L. Melin, Nordqvist M., editor, SAGE Handbook of Family Business, pages 340–363. SAGE, London, 2014.
- J. S. McMullen and D. A. Shepherd. Entrepreneurial action and the role of uncertainty in the theory of the entrepreneur. Academy of management review, 31(1):132–152, 2006.

- W. R. Meek. The role of family member support in entrepreneurial entry, continuance, and exit: An autoethnography. In A. Stewart, G. T. Lumpkin, and J. A. Katz, editors, *Advances in entrepreneurship, firm emergence and growth*, vol. 12, pages 87–111. Emerald Group Publishing Limited, Bingley: UK, 2010.
- L. Melin, M. Nordqvist, and P. Sharma, editors. SAGE Handbook of Family Business. SAGE, London, 2014.
- E. Memili, K. A. Eddleston, F. W. Kellermanns, T. M. Zellweger, and T. Barnett. The critical path to family firm success through entrepreneurial risk taking and image. *Journal of Family Business Strategy*, 1(4):200–209, 2010.
- D. Miller. The correlates of entrepreneurship in three types of firms. Management Science, 29(7):770–791, 1983.
- D. Miller and L. Le Breton-Miller. Governance, social identity, and entrepreneurial orientation in closely held public companies. *Entrepreneurship: Theory & Practice*, 35:1051–1076, 2011.
- D. Miller, I. Le Breton-Miller, R. H. Lester, and A. A. Cannella. Are family firms really superior performers? *Journal of Corporate Finance*, 13:829–858, 2007.
- D. Miller, J. Lee, S. Chang, and I. L. Breton-Miller. Filling the institutional void: The social behavior and performance of family vs non-family technology firms in emerging markets. *Journal of International Business Studies*, 40:802–817, 2009.
- J. R. Mitchell, T. A. Hart, S. Valcea, and D. M. Townsend. Becoming the boss: Discretion and postsuccession success in family firms. *Entrepreneurship Theory and Practice*, 33(6):1201–1218, 2009.
- P. Moen. A life course approach to the entrepreneurial family. In R. K. Z. Heck, editor, *The Entrepreneurial Family*, pages 16–28. Family Business Resources, Inc, Needham, MA, 1998.
- A. Montgomery. Us families 2025: In search of future families. *Futures*, 40(4): 377–387, 2008.
- J. Moody and D. R. White. Structural cohesion and embeddedness: A hierarchical concept of social groups. *American Sociological Review*, 68(1): 103–127, 2003.
- N. M. Moolenaar, A. J. Daly, and P. J. Sleegers. Occupying the principal position: Examining relationships between transformational leadership, social network position, and schools innovative climate. *Educational Administration Quarterly*, 46(5):623–670, 2010.

- K. Moores and J. Craig. From vision to variables: A scorecard to continue the professionalization of a family firm. In P. Z. Poutziouris, K. X. Smyrnios, and S. B. Klein, editors, *Handbook of Research on Family Business*, pages 196–214. Edward Elgar, Cheltenham, UK, 2006.
- E. Mungai and S. R. Velamuri. Parental entrepreneurial role model influence on male offspring: Is it always positive and when does it occur? *Entrepreneurship Theory and Practice*, 35(2):337–357, 2011.
- J. Nahapiet and S. Ghoshal. Social capital, intellectual capital, and the organizational advantage. Academy of Management Review, 23(2):242–266, 1998.
- L. Naldi, M. Nordqvist, K. Sjöberg, and J. Wiklund. Entrepreneurial orientation, risk taking, and performance in family firms. *Family Business Review*, 20(1):33–47, 2007.
- M. Nordqvist and L. Melin. Entrepreneurial families and family firms. Entrepreneurship and Regional Development, 22(3–4):211–239, 2010.
- M. Nordqvist and T. Zellweger. Transgenerational Entrepreneurship: Exploring Growth and Performance in Family Firms Across generations. Edward Elgar Publishing, Cheltenham (UK), 2010.
- M. Nordqvist, G. Marzano, E. R. Brenes, G. Jimenez, and M. Fonseca-Paredes. Understanding entrepreneurial family businesses in uncertain environments: The case of Latin America. 2011.
- M. Nordqvist, K. Wennberg, M. Bau, and K. Hellerstedt. An entrepreneurial process perspective on succession in family firms. *Small Business Economics*, 40(4):1087–1122, 2013.
- M. J. Parada and H. Viladás. Narratives: A powerful device for values transmission in family businesses. Journal of Organizational Change Management, 23(2):166–172, 2010.
- A. W. Pearson, J. C. Carr, and J. C. Shaw. Toward a theory of familiness: A social capital perspective. *Entrepreneurship Theory and Practice*, 32(6): 949–969, 2008.
- A. W. Pearson, D. T. Holt, and J. C. Carr. Scales in family business studies. In L. Melin, M. Nordqvist, and P. Sharma, editors, *SAGE Handbook of Family Business*, pages 551–572. SAGE, London, 2014.
- P. H. C. Phan and J. E. Butler, editors. *Theoretical Developments and Future Research in Family Business (PB)*. IAP Information Age Publishing, Inc, Charlotte, North Carolina, 2008.
- D. Pistrui, W. Huang, D. Oksoy, Z. Jing, and H. Welsch. Entrepreneurship in china: characteristics, attributes, and family forces shaping the emerging private sector. *Family Business Review*, 14(2):141–152, 2001.

- P. Poutziouris, K. O'Sullivan, and L. Nicolescu. The [re]-generation of familybusiness entrepreneurship in the balkans. *Family Business Review*, 10(3): 239–261, 1997.
- P. Poutziouris, Y. Wang, and S. Chan. Chinese entrepreneurship: The development of small family firms in china. *Journal of Small Business and Enterprise Development*, 9(4):383–399, 2002.
- P. Z. Poutziouris, L. Steier, and K. X. Smyrnios. Guest editorial a commentary on family business entrepreneurial developments. *International Journal of Entrepreneurial Behaviour & Research*, 10(1/2):7–11, 2004.
- G. N. Powell and K. A. Eddleston. Linking family-to-business enrichment and support to entrepreneurial success: Do female and male entrepreneurs experience different outcomes? *Journal of Business Venturing*, 28(2):261–280, 2013.
- A. Pritchard. Putting family in family business: The role of the chief emotional officer. In R. L. Sorenson, editor, *Family Business and Social Capital*, pages 178–185. Edward Elgar, Cheltenham, 2011.
- A. N. Puryear, E. G. Rogoff, M. S. Lee, R. K. Heck, E. B. Grossman, G. W. Haynes, and J. Onochie. Sampling minority business owners and their families: The understudied entrepreneurial experience. *Journal of Small Business Management*, 46(3):422–455, 2008.
- K. Randerson, C. Bettinelli, A. Fayolle, and A. Anderson. Family entrepreneurship: exploring its contours and contents. *Journal of Family Business Strategy*, forthcoming a.
- K. Randerson, A. Fayolle, and G. Dossena. The futures of family entrepreneurship. *Futures*, forthcoming b.
- S. Rau. Resource-based view of family firms. In L. Melin, M. Nordqvist, and P. Sharma, editors, SAGE Handbook of Family Business, pages 321–339. SAGE, London, 2014.
- T. Reay. Family-business meta-identity, institutional pressures, and ability to respond to entrepreneurial opportunities. *Entrepreneurship Theory and Practice*, 33(6):1265–1270, 2009.
- R. B. Reich. Entrepreneurship reconsidered: The team as a hero. *Harvard Business Review*, 65:77–, 1987.
- S. F. Richer and R. J. Vallerand. Supervisors' interactional styles and subordinates' intrinsic and extrinsic motivation. *The Journal of Social Psychology*, 135(6):707–722, 1995.

- P. Rodriguez, C. Tuggle, and S. Hackett. Examining ethnic entrepreneurship: An exploratory study of how family capital mpacts new venture start-up rates across ethnic groups. *Family Business Review*, 22(3):259–272, 2009.
- E. G. Rogoff and R. K. Z. Heck. Evolving research in entrepreneurship and family business: Recognizing family as the oxygen that feeds the fire of entrepreneurship. *Journal of Business Venturing*, 18(5):559–566, 2003.
- P. Rosenblatt, L. deMik, R. Anderson, and P. Johnson. The family in business: Understanding and dealing with the challenges entrepreneurial families face. Jossey-Bass, San Francisco, 1985.
- C. Salvato. Predictors of entrepreneurship in family firms. The Journal of Private Equity, 7(3):68–76, 2004.
- C. Salvato, F. Chirico, and P. Sharma. A farewell to the business: Championing exit and continuity in entrepreneurial family firms. *Entrepreneurship* & Regional Development, 22:321–348, 2010.
- S. D. Sarasvathy. Causation and effectuation: Toward a theoretical shift from economic inevitability to entrepreneurial contingency. Academy of Management Review, 26(2):243–263, 2001.
- S. R. Sardeshmukh and A. C. Corbett. The duality of internal and external development of successors: Opportunity recognition in family firms. *Family Business Review*, 24(2):111–125, 2011.
- E. H. Schein. Organizational Culture and Leadership. John Wiley & Sons, San Francisco CA, 2006.
- R. F. Scherer, J. S. Adams, S. Carley, and F. A. Wiebe. Role model performance effects on development of entrepreneurial career preference. *Entrepreneurship Theory and Practice*, 13(3):53–71, 1989.
- E. Schmitt-Rodermund. Pathways to successful entrepreneurship: Parenting, personality, early entrepreneurial competence, and interests. *Journal of Vocational Behavior*, 65(3):498–518, 2004.
- W. S. Schulze and E. R. Gedajlovic. Whither family business? Journal of Management Studies, 47(2):191–204, 2010.
- S. Sciascia and C. Bettinelli. Corporate family entrepreneurship: The seven circumstances, forthcoming.
- S. Sciascia and P. Mazzola. Family involvement in ownership and management: Exploring nonlinear effects on performance. *Family Business Review*, 21:331–345, 2008.

- S. Sciascia, P. Mazzola, and F. Chirico. Generational involvement in the top management team of family firms: Exploring nonlinear effects on entrepreneurial orientation. *Entrepreneurship Theory and Practice*, 37(1): 69–85, 2013.
- M. G. Scott and D. F. Twomey. The long-term supply of entrepreneurs: Students' career aspirations in relation to entrepreneurship. *Journal of Small Business Management*, 26(4):5–13, 1988.
- P. Selznick. Leadership in Administration. Harper & Row, New York, 1984.
- C. E. Shalley and L. L. Gilson. What leaders need to know: A review of social and contextual factors that can foster or hinder creativity. *The Leadership Quarterly*, 15(1):33–53, 2004.
- S. Shane and S. Venkataraman. The promise of entrepreneurship as a field of research. Academy of management review, 25(1):217–226, 2000.
- M. C. Shanker and J. H. Astrachan. Myths and realities: Family businesses' contribution to the US economy. A framework for assessing family business statistics. *Family Business Review*, 9(2):107–123, 1996a.
- M. C. Shanker and J. H. Astrachan. Myths and realities: Family businesses' contribution to the US economy. A framework for assessing family business statistics. *Family Business Review*, 9(2):107–123, 1996b.
- A. Shapero and L. Sokol. The social dimensions of entrepreneurship. Encyclopedia of Entrepreneurship, pages 72–90, 1982.
- P. Sharma and A. S. Rao. Successor attributes in Indian and canadian family firms: A comparative study. *Family Business Review*, 13(4):313–330, 2000.
- P. Sharma and C. Salvato. Family firm longevity: A balancing act between continuity and change. In P. F. Pérez and A. Colli, editors, A Global Revolution: The Endurance of Large Family Businesses in the World, pages 34–56. Cambridge University Press, Cambridge, 2013.
- P. Sharma, P. Sieger, R. S. Nason, and K. Ramachandran. Exploring Transgenerational Entrepreneurship: The Role of Resources and Capabilities. Edward Elgar Publishing, Cheltenham, Glos, UK, 2013.
- P. Sharma, L. Melin, and M. Nordqvist. Scope, evolution and future of family business studies. In L. Melin, M. Nordqvist, and P. Sharma, editors, SAGE Handbook of Family Business, pages 620–628. SAGE, London, 2014.
- D. Shepherd and J. M. Haynie. Family business, identity conflict, and an expedited entrepreneurial process: A process of resolving identity conflict. *Entrepreneurship Theory and Practice*, 33(6):1245–1264, 2009.

- D. A. Shepherd and M. S. Cardon. Negative emotional reactions to project failure and the self-compassion to learn from the experience. *Journal of Management Studies*, 46(6):923–949, 2009.
- D. A. Shepherd, J. S. McMullen, and P. D. Jennings. The formation of opportunity beliefs: Overcoming ignorance and reducing doubt. *Strategic Entrepreneurship Journal*, 1(1–2):75–95, 2007.
- D. A. Shepherd, H. Patzelt, and M. Wolfe. Moving forward from project failure: Negative emotions, affective commitment, and learning from the experience. *Academy of Management Journal*, 54(6):1229–1259, 2011.
- R. Smith. Mentoring and perpetuating the entrepreneurial spirit within family business by telling contingent stories. New England Journal of Entrepreneurship, 12(2):27–40, 2009.
- R. L. Sorenson. Values in family business. In L. Melin, M. Nordqvist, and P. Sharma, editors, *SAGE Handbook of Family Business*, pages 463–479. SAGE, London, 2014.
- R. L. Sorenson, A. Yu, K. H. Brigham, and G. Lumpkin. The Landscape of Family Business. Edward Elgar Publishing, Cheltenham, Glos, UK, 2013.
- D. R. Soriano and J. M. Comeche Martinez. Transmitting the entrepreneurial spirit to the work team in SMEs: The importance of leadership. In *Man-agement Decision*, volume 45, pages 1102–1122. 2007.
- J. J. Sosik, B. J. Avolio, and S. S. Kahai. Effects of leadership style and anonymity on group potency and effectiveness in a group decision support system environment. *Journal of Applied Psychology*, 82(1):89, 1997.
- M. Spriggs, A. Yu, D. Deeds, and R. L. Sorenson. Too many cooks in the kitchen: Innovative capacity, collaborative network orientation, and performance in small family businesses. *Family Business Review*, 26(1):32–50, 2013.
- E. T. Stavrou, T. Kleanthous, and T. Anastasiou. Leadership Personality and Firm Culture during Hereditary Transitions in Family Firms: Model Development and Empirical Investigation, volume 43. Wiley-Blackwell, 2005.
- L. Steier. Where do new firms come from? households, family capital, ethnicity, and the welfare mix. *Family Business Review*, 22(3):273–278, 2009.
- U. Stephan and L. M. Uhlaner. Performance-based vs socially supportive culture: A cross-national study of descriptive norms and entrepreneurship. *Journal of International Business Studies*, 41(8):1347–1364, 2010.
- H. H. Stevenson and J. C. Jarillo. A paradigm of entrepreneurship: entrepreneurial management. *Strategic Management Journal*, 11(5):17–27, 1990.

- C. Sundaramurthy and G. E. Kreiner. Governing by managing identity boundaries: The case of family businesses. *Entrepreneurship Theory and Practice*, 32(3):415–436, 2008.
- L. M. Uhlaner, F. W. Kellermanns, K. A. Eddleston, and F. Hoy. The entrepreneuring family: A new paradigm for family business research. *Small Business Economics*, 38(1):1–11, 2012.
- B. Uzzi. Social structure and competition in interfirm networks: The paradox of embeddedness. *Administrative science quarterly*, 42(1):35–67, 1997.
- H. Van Auken and J. Werbel. Family dynamic and family business financial performance: Spousal commitment. *Family Business Review*, 19(1):49–63, 2006.
- L. Van Teeffelen and L. Uhlaner. Strategic renewal after ownership transfers in SMEs: Do successors' actions pay off? International Journal of Entrepreneurial Venturing, 2(3):347–365, 2010.
- C. F. Vera and M. A. Dean. An examination of the challenges daughters face in family business succession. *Family Business Review*, 18(4):321–345, 2005.
- W. Wales, E. Monsen, and A. McKelvie. The organizational pervasiveness of entrepreneurial orientation. *Entrepreneurship Theory and Practice*, 35(5): 895–923, 2011.
- J. W. Webb, D. J. Ketchen, and R. D. Ireland. Strategic entrepreneurship within family-controlled firms: Opportunities and challenges. *Journal of Family Business Strategy*, 1(2):67–77, 2010.
- J. D. Werbel and S. M. Danes. Work family conflict in new business ventures: The moderating effects of spousal commitment to the new business venture. *Journal of Small Business Management*, 48(3):421–440, 2010.
- P. Westhead and M. Cowling. Family firm research: The need for a methodological rethink. In *Entrepreneurship: Theory & Practice*, volume 23, pages 31–56. Wiley-Blackwell, 1998.
- R. E. White, S. Thornhill, and E. Hampson. A biosocial model of entrepreneurship: the combined effects of nurture and nature. *Journal of* Organizational Behavior, 28:451–466, 2007.
- B. S. Wiese and A. M. Freund. Parents as role models: Parental behavior affects adolescents-plans for work involvement. *International Journal of Behavioral Development*, 35(3):218–224, 2011.
- J. Wiklund, M. Nordqvist, K. Hellerstedt, and M. Bird. Internal versus external ownership transition in family firms: An embeddedness perspective. *Entrepreneurship Theory and Practice*, 37(6):1319–1340, 2013.

- J. Yan and R. L. Sorenson. Collective entrepreneurship in family firms: The influence of leader attitudes and behaviors. *New England Journal* of *Entrepreneurship*, 6(2):37–51, 2003.
- T. Yang and H. E. Aldrich. Who's the boss? explaining gender inequality in entrepreneurial teams. *American Sociological Review*, 2014. onlinefirst.
- S. Zahra. Organizational learning and entrepreneurship in family firms: Exploring the moderating effect of ownership and cohesion. *Small Business Economics*, 38(1):51–65, 2012.
- S. A. Zahra. Entrepreneurial risk taking in family firms. Family Business Review, 18:23–40, 2005.
- S. A. Zahra. Harvesting family firms' organizational social capital: A relational perspective. *Journal of management studies*, 47(2):345–366, 2010.
- S. A. Zahra and J. G. Covin. Contextual influences on the corporate entrepreneurship-performance relationship: A longitudinal analysis. *Jour*nal of Business Venturing, 10(1):43–58, 1995.
- T. Zellweger and P. Sieger. Entrepreneurial orientation in long-lived family firms. *Small Business Economics*, 38(1):67–84, 2012.
- T. Zellweger, C. Muehlebach, and P. Sieger. How much and what kind of entrepreneurial orientation is needed for family business continuity? In N. M. and T. Zellweger, editors, *Transgenerational Entrepreneurship: Exploring Growth and Performance in Family Firms Across Generations*, pages 195–220. Edward Elgar Publishing, Cheltenham UK, 2010.
- T. M. Zellweger, R. S. Nason, and M. Nordqvist. From longevity of firms to transgenerational entrepreneurship of families introducing family entrepreneurial orientation. *Family Business Review*, 25(2):136–155, 2012.
- H. Zhao, S. E. Seibert, and G. T. Lumpkin. The relationship of personality to entrepreneurial intentions and performance: A meta-analytic review. *Journal of Management*, 36(2):381–404, 2010.