# Corporate Entrepreneurship

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Boston - Delft

# Foundations and Trends<sup>®</sup> in Entrepreneurship

Published, sold and distributed by: now Publishers Inc. PO Box 1024 Hanover, MA 02339 USA 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 D. F. Kuratko, Corporate Entrepreneurship, Foundations and Trends  $^{(R)}$  in Entrepreneurship, vol 3, no 2, pp 151–203, 2007

Printed on acid-free paper

ISBN: 978-1-60198-022-9 © 2007 D. F. Kuratko

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Foundations and Trends<sup>®</sup> in Entrepreneurship, 2007, Volume 3, 4 issues. ISSN paper version 1551-3114. ISSN online version 1551-3122. Also available as a combined paper and online subscription.

Foundations and Trends<sup>®</sup> in Entrepreneurship Vol. 3, No. 2 (2007) 151–203 © 2007 D. F. Kuratko DOI: 10.1561/0300000015



# **Corporate Entrepreneurship**

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### **Abstract**

Knowledge accumulation on the topic of corporate entrepreneurship has been occurring at a rapid rate, and many of the elements essential to constructing a theoretically grounded understanding of corporate entrepreneurship can be readily identified from the extant literature. This paper examines the corporate entrepreneurship process and illustrates the various aspects that research has been examining over the last two decades. It reviews the empirical and conceptual research that substantiates the many components of the model and describes a corporate entrepreneurship strategy that is depicted through the model.

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### Introduction

In the 21st Century corporate entrepreneurship (CE) has increasingly been recognized as a legitimate path to high levels of organizational performance (Morris et al., 2008). The understanding of CE as a valid and effective area of research has real and tangible benefits for emerging scholars as their work will have significant impact on an important strategy. Researchers have continually cited corporate entrepreneurship's importance as a growth strategy (Pinchott, 1985; Zahra, 1991; Kuratko, 1993; Kuratko et al., 1993; Merrifield, 1993; Stopford and Baden-Fuller, 1994; Zahra and Covin, 1995; Zahra et al., 1999a; Antoncic and Hisrich, 2001). As an example, Dess et al. (1999) noted that, "Virtually all organizations — new start-ups, major corporations, and alliances among global partners — are striving to exploit productmarket opportunities through innovative and proactive behavior" the type of behavior that is called for by corporate entrepreneurship. Barringer and Bluedorn (1999) suggested that in light of the dynamism and complexity of today's environments, "... entrepreneurial attitudes and behaviors are necessary for firms of all sizes to prosper and flourish." Developing corporate environments that cultivate employees' interest in and commitment to creativity and the innovation that can

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result from it contributes to successful competition in today's competitive arenas. Ireland et al. (2006a; 2006b) noted that "to simultaneously develop and nurture today's and tomorrow's competitive advantages, advantages that are grounded in innovation, firms increasingly rely on "corporate entrepreneurship."

CE and the behavior through which it is practiced has been initiated in established organizations for a host of purposes, including those of profitability (Vozikis et al., 1999; Zahra, 1993), strategic renewal (Guth and Ginsberg, 1990), innovativeness (Baden-Fuller, 1995), gaining knowledge to develop future revenue streams (McGrath et al., 1994), international success (Birkinshaw, 1997), and the effective configuration of resources as the pathway to developing competitive advantages (Borch et al., 1999; Covin and Miles, 1999; Covin et al., 2000; Ireland et al., 2003b). Regardless of the reason the firm decides to engage in CE, it has become a major focus for researchers to examine (Morris et al., 2008).

However, despite the espoused and observed positive effects of CE, issues remain if we are to fully understand this construct's promise (Zahra et al., 1999b; Hornsby et al., 2002). The theoretical and empirical knowledge about the domain of CE and the entrepreneurial behavior on which it is based are key issues warranting greater attention. Moreover, outcome factors that influence an organization's willingness to continue implementing a CE strategy as well as managers' willingness to continue engaging in entrepreneurial behavior are now being integrated to enhance our understanding of CE practices (Kuratko et al., 2004). Even so, it has been argued that a fundamental ambiguity exists in the literature concerning what it means, in a theoretical sense, to have CE as a firm's strategy (Meyer and Heppard, 2000). As such, while there is a broadly held belief in the need for and inherent value of entrepreneurial action on the part of established organizations (Hitt et al., 2001; Morris et al., 2008), much remains to be revealed about how CE strategy is enacted in organizational settings.

Fortunately, knowledge accumulation on the topic of CE has been occurring at a rapid rate, and many of the elements essential to constructing a theoretically grounded understanding of CE can be readily identified from the extant literature. Figure 1.1 depicts the CE pro-

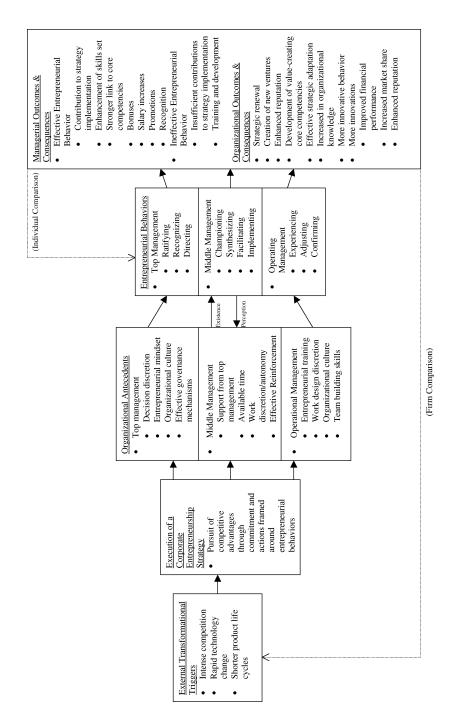


Fig. 1.1 A model of the corporate entrepreneurship process.

## Full text available at: http://dx.doi.org/10.1561/0300000015

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cess and illustrates the various aspects that research has been examining over the last two decades. This review considers the empirical and conceptual research that substantiates the many components of the model and describes a CE strategy that is depicted through the model.

- Adams, J. S. (1965), 'Inequity in social exchange'. In: L. Berkowitz (ed.): Advances in Experimental Social Psychology. New York: Academic Press.
- Alterowitz, R. (1988), New Corporate Ventures. New York: Wiley.
- Amit, R., E. Muller, and I. Cockburn (1995), 'Opportunity costs and entrepreneurial activity'. *Journal of Business Venturing* **10**, 95–106.
- Antoncic, B. and R. D. Hisrich (2001), 'Intrapreneurship: Constructive refinement and cross-cultural validation'. *Journal of Business Venturing* **16**(5), 495–527.
- Baden-Fuller, C. (1995), 'Strategic innovation, corporate entrepreneurship and matching outside-in to inside-out approaches to strategy research'. *British Journal of Management* **6**(Special Issue), S3–S16.
- Barringer, B. R. and A. C. Bluedorn (1999), 'Corporate entrepreneurship and strategic management'. *Strategic Management Journal* **20**, 421–444.
- Baum, J. R., E. A. Locke, and K. G. Smith (2001), 'A multidimensional model of venture growth'. *Academy of Management Journal* 44, 292–304.
- Baumol, W. J. (2004), 'Entrepreneurial cultures and subcultures'. Academy of Management Learning and Education 3(3), 316–326.

- Bird, B. (1988), 'Implementing entrepreneurial ideas: The case for intention'. Academy of Management Review 13, 442–453.
- Birkinshaw, J. (1997), 'Entrepreneurship in multinational corporations: The characteristics of subsidiary initiatives'. *Strategic Management Journal* 18, 207–229.
- Block, Z. and I. MacMillan (1993), *Corporate Venturing*. Boston, MA: Harvard Business School Press.
- Block, Z. and O. A. Ornati (1987), 'Compensating corporate venture managers'. *Journal of Business Venturing* 2, 41–51.
- Borch, O. J., M. Huse, and K. Senneseth (1999), 'Resource configuration, competitive strategies, and corporate entrepreneurship: An empirical examination of small firms'. *Entrepreneurship Theory and Practice* **24**(1), 49–70.
- Brazeal, D. V. (1993), 'Organizing for internally developed corporate ventures'. *Journal of Business Venturing* 8, 75–90.
- Brown, S. and K. Eisenhardt (1998), Competing on the edge. Boston: Harvard Business School Press.
- Burgelman, R. A. (1983), 'Corporate entrepreneurship and strategic management: Insights from a process study'. *Management Science* **23**, 1349–1363.
- Burgelman, R. A. (1984), 'Designs for corporate entrepreneurship in established firms'. *California Management Review* **26**(3), 154–166.
- Burgelman, R. A. and L. R. Sayles (1986), *Inside Corporate Innovation:* Strategy, Structure, and Managerial Skills. New York, NY: The Free Press.
- Casson, M. (1982), *The entrepreneur*. Totowa, NJ: Barnes and Noble Books.
- Cheah, H. B. (1990), 'Schumpeterian and Austrian entrepreneurship: unity within duality'. *Journal of Business Venturing* 5(December), 341–347.
- Cornwall, J. and B. Perlman (1990), Organizational Entrepreneurship. Homewood IL: Irwin.
- Cosier, R. A. and D. R. Dalton (1983), 'Equity theory and time: a reformation'. Academy of Management Review 8(2), 311–319.
- Covin, J. G., R. D. Ireland, and D. F. Kuratko (2003), 'Exploring and exploitation functions of corporate venturing'. *Paper Presentation:* Academy of Management. Annual Meeting, Seattle, WA.

- Covin, J. G. and M. P. Miles (1999), 'Corporate entrepreneurship and the pursuit of competitive advantage'. *Entrepreneurship Theory and Practice* **23**(3), 47–64.
- Covin, J. G. and M. P. Miles (2007), 'Strategic use of corporate venturing'. *Entrepreneurship Theory and Practice* **31**(2), 183–207.
- Covin, J. G. and D. P. Slevin (1991), 'A conceptual model of entrepreneurship as firm behavior'. *Entrepreneurship Theory and Practice* **16**(1), 7–25.
- Covin, J. G., D. P. Slevin, and M. B. Heeley (2000), 'Pioneers and followers: Competitive tactics, environment, and firm growth'. *Journal of Business Venturing* 15, 175–210.
- Dess, G. G., G. T. Lumpkin, and J. G. Covin (1997), 'Entrepreneurial strategy making and firm performance: Tests of contingency and configurational models'. *Strategic Management Journal* 18, 677–695.
- Dess, G. G., G. T. Lumpkin, and J. E. McGee (1999), 'Linking corporate entrepreneurship to strategy, structure, and process: Suggested research directions'. *Entrepreneurship Theory and Practice* **23**(3), 85–102.
- Duncan, W. J., P. M. Ginter, A. C. Rucks, and T. D. Jacobs (1988), 'Intrapreneuring and the reinvention of the corporation'. *Business Horizons* **31**(3), 16–21.
- Eisenhardt, K. M. and D. N. Sull (2001), 'Strategy as simple rules'. Harvard Business Review **79**(1), 107–116.
- Floyd, S. W. and P. J. Lane (2000), 'Strategizing throughout the organization: Managing role conflict in strategic renewal'. *Academy of Management Review* **25**, 154–177.
- Floyd, S. W. and B. Wooldridge (1990), 'The strategy process, middle management involvement, and organizational performance'. *Strategic Management Journal* 11, 231–242.
- Floyd, S. W. and B. Wooldridge (1992), 'Middle management involvement in strategy and its association with strategic type'. *Strategic Management Journal* 13, 53–168.
- Floyd, S. W. and B. Wooldridge (1994), 'Dinosaurs or dynamos? Recognizing middle management's strategic role'. *Academy of Management Executive* 8(4), 47–57.

- Friesen, P. H. and D. Miller (1986), 'A mathematical model of the adaptive behavior of organizations'. *Journal of Management Studies* **23**, 1–25.
- Fry, A. (1987), 'The post-it-note: An intrapreneurial success'. SAM Advanced Management Journal **52**(3), 4–9.
- Gatewood, E. J., K. G. Shaver, J. B. Powers, and W. B. Gartner (2002), 'Entrepreneurial expectancy, task effort, and performance'. Entrepreneurship Theory and Practice 27, 187–206.
- Ginsberg, A. (1988), 'Measuring and modeling changes in strategy: Theoretical foundation and empirical directions'. Strategic Management Journal 9, 559–575.
- Ginsberg, A. and M. Hay (1994), 'Confronting the challenges of corporate entrepreneurship: Guidelines for venture managers'. *European Management Journal* 12, 382–389.
- Greenberg, J. (1988), 'Equity and workplace status: A field experiment'. *Journal of Applied Psychology* **73**, 606–613.
- Greenberg, J. (1990), 'Employee theft as a reaction to underpayment inequity: The hidden cost of pay cuts'. *Journal of Applied Psychology* **75**, 561–568.
- Guth, W. D. and A. Ginsberg (1990), 'Corporate entrepreneurship'. Strategic Management Journal 11(Special Issue), 5–15.
- Hanan, M. (1976), 'Venturing corporations Think small to stay strong'. *Harvard Business Review* **54**(3), 139–148.
- Heller, T. (1999), 'Loosely coupled systems for corporate entrepreneurship: Imagining and managing the innovation project/host organization interface'. *Entrepreneurship: Theory and Practice* **24**(2), 25–31.
- Hill, R. M. and J. D. Hlavacek (1972), 'The venture team: A new concept in marketing organizations'. *Journal of Marketing* **36**, 44–50.
- Hisrich, R. D. and M. P. Peters (1986), 'Establishing a new business venture unit within a firm'. *Journal of Business Venturing* 1, 307–322.
- Hitt, M. A., R. D. Ireland, S. M. Camp, and D. L. Sexton (2001), 'Strategic entrepreneurship: Entrepreneurial strategies for wealth creation'. *Strategic Management Journal* 22(Special Issue), 479–491.

- Hornsby, J. S. and D. F. Kuratko (2003), 'The influence of entrepreneurial environment on job satisfaction, reinforcement practices and behaviors'. Paper presented at the United States Association for Small Business and Entrepreneurship. Hilton Head, S.C.
- Hornsby, J. S., D. F. Kuratko, and R. V. Montagno (1999), 'Perception of internal factors for corporate entrepreneurship: A comparison of Canadian and U.S. managers'. *Entrepreneurship Theory and Practice* **24**(2), 9–24.
- Hornsby, J. S., D. F. Kuratko, and S. A. Zahra (2002), 'Middle managers' perception of the internal environment for corporate entrepreneurship: Assessing a measurement scale'. *Journal of Busi*ness Venturing 17, 49–63.
- Hornsby, J. S., D. W. Naffziger, D. F. Kuratko, and R. V. Montagno (1993), 'An interactive model of the corporate entrepreneurship process'. *Entrepreneurship Theory and Practice* **17**(2), 29–37.
- Huseman, R. C., J. D. Hatfield, and E. W. Miles (1987), 'A new perspective on equity theory: The equity sensitive construct'. *Academy of Management Review* 12, 222–234.
- Ireland, R. D., J. G. Covin, and D. F. Kuratko (2007), 'A model of corporate entrepreneurship strategy'. *Invited Paper: Special International Research Conference on Strategic Entrepreneurship*. Munich, Germany: Max Plank Institute.
- Ireland, R. D., M. A. Hitt, S. M. Camp, and D. L. Sexton (2001), 'Integrating entrepreneurship actions and strategic management actions to create firm wealth'. *Academy of Management Executive* **15**(1), 95–106.
- Ireland, R. D., M. A. Hitt, and D. G. Sirmon (2003a), 'A model of strategic entrepreneurship: The construct and its dimensions'. *Journal of Management* **29**(6), 963–989.
- Ireland, R. D., M. A. Hitt, and D. Vaidyanath (2002), 'Strategic alliances as a pathway to competitive success'. *Journal of Manage*ment 28, 413–446.
- Ireland, R. D., D. F. Kuratko, and J. G. Covin (2003b), 'Antecedents, elements, and consequences of corporate entrepreneurship strategy'. Best Paper Proceedings: Academy of Management. Annual Meeting, Seattle Washington.

- Ireland, R. D., D. F. Kuratko, and M. H. Morris (2006a), 'A health audit for corporate entrepreneurship: innovation at all levels Part 2'. *Journal of Business Strategy* **27**(2), 21–30.
- Ireland, R. D., D. F. Kuratko, and M. H. Morris (2006b), 'A health audit for corporate entrepreneurship: innovation at all levels Part I'. *Journal of Business Strategy* **27**(1), 10–17.
- Ireland, R. D. and J. W. Webb (2007), 'Strategic Entrepreneurship: Creating Competitive Advantage through Streams of Innovation'. *Business Horizons* **50**, 49–59.
- Jennings, D. F. and L. S. Seaman (1994), 'High and low levels of organizational adaptation: An empirical analysis of strategy, structure, and performance'. *Strategic Management Journal* **15**, 459–475.
- Jennings, D. F. and D. M. Young (1990), 'An empirical comparison between objective and subjective measures of the product innovation domain of corporate entrepreneurship'. *Entrepreneurship Theory and Practice* **15**(1), 53–66.
- Johnson, R. A. (1996), 'Antecedents and outcomes of corporate refocusing'. *Journal of Management* **22**, 439–483.
- Kanter, R. M. (1985), 'Supporting innovation and venture development in established companies'. *Journal of Business Venturing* 1, 47–60.
- Keats, B. W. and J. S. Bracker (1988), 'Toward a theory of small business performance: A conceptual model'. *American Journal of Small Business* **13**(Spring), 14–58.
- King, A. W., S. W. Fowler, and C. P. Zeithaml (2001), 'Managing organizational competencies for competitive advantage: The middle-management edge'. *Academy of Management Executive* **15**(2), 95–106.
- Kuratko, D. F. (1993), 'Intrapreneurship: Developing innovation in the corporation'. Advances in Global High Technology Management: High Technology Venturing 3, 3–14.
- Kuratko, D. F. (2007), 'Entrepreneurial leadership for the 21st century'. Journal of Leadership and Organizational Studies 14(1), 1–11.
- Kuratko, D. F., J. S. Hornsby, and M. G. Goldsby (2004), 'Sustaining corporate entrepreneurship: A proposed model of perceived implementation/outcome comparisons at the organizational and individ-

- ual levels'. International Journal of Entrepreneurship and Innovation 5(2), 77–89.
- Kuratko, D. F., J. S. Hornsby, and D. W. Naffziger (1997), 'An examination of owner's goals in sustaining entrepreneurship'. *Journal of Small Business Management* **35**(1), 24–34.
- Kuratko, D. F., J. S. Hornsby, D. W. Naffziger, and R. V. Montagno (1993), 'Implementing entrepreneurial thinking in established organizations'. SAM Advanced Management Journal 58(1), 28–33.
- Kuratko, D. F., R. D. Ireland, J. G. Covin, and J. S. Hornsby (2005), 'A model of middle-level managers' entrepreneurial behavior'. Entrepreneurship Theory and Practice 29(6), 699–716.
- Kuratko, D. F., R. D. Ireland, and J. S. Hornsby (2001), 'The power of entrepreneurial outcomes: Insights from Acordia, Inc'. *Academy of Management Executive* **15**(4), 60–71.
- Kuratko, D. F. and R. V. Montagno (1989), 'The intrapreneurial spirit'. Training and Development Journal 43(10), 83–87.
- Kuratko, D. F., R. V. Montagno, and J. S. Hornsby (1990), 'Developing an entrepreneurial assessment instrument for an effective corporate entrepreneurial environment'. *Strategic Management Journal* 11(Special Issue), 49–58.
- Lumpkin, G. T. and G. G. Dess (1996), 'Clarifying the entrepreneurial orientation construct and linking it to performance'. *Academy of Management Review* **21**, 135–172.
- Lundberg, C. C. (1984), 'Strategies for organizational transitioning'. In:
  J. R. Kimberely and R. E. Quinn (eds.): Managing Organizational Transitions. pp. 60–82.
- Lyon, D. W., G. T. Lumpkin, and G. G. Dess (2000), 'Enhancing entrepreneurial orientation research: Operationalizing and measuring a key strategic decision making process'. *Journal of Management* **26**, 1055–1085.
- McGrath, R. G. and I. MacMillan (2000), *The Entrepreneurial Mindset*. Boston, MA: Harvard Business Press.
- McGrath, R. G. and I. C. MacMillan (1995), 'Discovery-driven planning'. *Harvard Business Review* **73**(4), 4–12.
- McGrath, R. G., S. Venkataraman, and I. C. MacMillan (1994), 'The advantage chain: Antecedents to rents from internal corporate ventures'. *Journal of Business Venturing* **9**, 351–369.

- McMullen, J. S. and D. A. Shepherd (2006), 'Entrepreneurial action and the role of uncertainty in the theory of the entrepreneur'. *Academy of Management Review* **31**(1), 132–152.
- Merrifield, D. B. (1993), 'Intrapreneurial corporate renewal'. *Journal of Business Venturing* 8, 383–389.
- Meyer, G. D. and K. A. Heppard (2000), *Entrepreneurship as strategy*. Thousand Oaks, CA: Sage Publications.
- Miles, E. W., J. D. Hatfield, and R. C. Huseman (1994), 'Equity sensitivity and outcome importance'. *Journal of Organizational Behavior* **15**, 586–596.
- Miles, M. P. and J. G. Covin (2002), 'Exploring the practice of corporate venturing: Some common forms and their organizational implications'. *Entrepreneurship Theory and Practice* **26**(3), 21–40.
- Miles, R. E. and C. C. Snow (1978), Organizational Strategy, Structure and Process. New York: McGraw-Hill.
- Miller, D. (1983), 'The correlates of entrepreneurship in three types of firms'. *Management Science* **27**, 770–791.
- Miller, D. and P. H. Friesen (1980), 'Momentum and revolution in organizational adaptation'. *Academy of Management Journal* **23**, 591–614.
- Miller, D. and P. H. Friesen (1982), 'Innovation in conservative and entrepreneurial firms: Two models of strategic momentum'. *Strategic Management Journal* 3, 1–25.
- Miller, D. and P. H. Friesen (1984), Organizations: A Quantum View. Englewood Cliffs, NJ: Prentice-Hall.
- Mintzberg, H. (1973), The nature of managerial work. New York: Harper Row.
- Morris, M. H. and D. F. Kuratko (2002), *Corporate Entrepreneurship*. Mason, OH: South-Western College Publishers.
- Morris, M. H., D. F. Kuratko, and J. C. Covin (2008), Corporate Entrepreneurship and Innovation. South-Western/Thomson Publishers.
- Morris, M. H. and D. L. Sexton (1996), 'The concept of entrepreneurial intensity'. *Journal of Business Research* **36**(1), 5–14.
- Morse, C. W. (1986), 'The delusion of intrapreneurship'. *Long Range Planning* **19**(6), 92–95.

- Naffziger, D., J. S. Hornsby, and D. F. Kuratko (1994), 'A proposed research model of entrepreneurial motivation'. *Entrepreneurship Theory and Practice* **18**(3), 29–39.
- Naman, J. and D. Slevin (1993), 'Entrepreneurship and the concept of fit: A model and empirical tests'. *Strategic Management Journal* **14**, 137–153.
- Pearce, J. A., T. R. Kramer, and D. K. Robbins (1997), 'Effects of managers' entrepreneurial behavior on subordinates'. *Journal of Business Venturing* **12**, 147–160.
- Peterson, R. and D. Berger (1972), 'Entrepreneurship in organizations'. *Administrative Science Quarterly* **16**, 97–106.
- Pinchott, G. (1985), *Intrapreneurship*. New York: Harper and Row.
- Porter, L. W. and E. L. Lawler III (1968), Managerial Attitudes and Performance. Homewood, IL: Richard D. Irwin, Inc.
- Quinn, J. B. (1985), 'Managing innovation: Controlled chaos'. *Harvard Business Review* **63**(3), 73–84.
- Reynolds, P. (1987), 'New firms: Societal contribution versus survival potential'. *Journal of Business Venturing* **2**, 231–246.
- Russell, R. D. (1999), 'Developing a process model of intrapreneurial systems: A cognitive mapping approach'. *Entrepreneurship: Theory and Practice* **23**(3), 65–84.
- Sathe, V. (1985), 'Managing an entrepreneurial dilemma: Nurturing entrepreneurship and control in large corporations'. In: *Frontiers of Entrepreneurship Research*. Wellesley, MA, pp. 636–656, Babson College.
- Sathe, V. (1989), 'Fostering entrepreneurship in large diversified firm'. Organizational Dynamics 18(1), 20–32.
- Schaefer, D. S. (1990), 'Level of entrepreneurship and scanning source usage in very small businesses'. *Entrepreneurship Theory and Practice* **15**(1), 19–31.
- Schindehutte, M., M. H. Morris, and D. F. Kuratko (2000), 'Triggering events, corporate entrepreneurship and the marketing function'. *Journal of Marketing Theory and Practice* 8(2), 18–30.
- Schollhammer, H. (1982), 'Internal corporate entrepreneurship'. In:
  C. Kent, D. Sexton, and K. Vesper (eds.): Encyclopedia of Entrepreneurship. Englewood Cliffs, NJ: Prentice-Hall.

- Schuler, R. S. (1986), 'Fostering and facilitating entrepreneurship in organizations: Implications for organization structure and human resource management practices'. *Human Resource Management* 25, 607–629.
- Shane, S. and S. Venkataraman (2000), 'The promise of entrepreneurship as a field of research'. *Academy of Management Review* **25**, 217–226.
- Sharma, P. and J. J. Chrisman (1999), 'Toward a reconciliation of the definitional issues in the field of corporate entrepreneurship'. Entrepreneurship Theory and Practice 23(3), 11–28.
- Smith, K. G. and D. D. Gregorio (2002), 'Bisociation, discovery and the role of entrepreneurial action'. In: M. A. Hitt, R. D. Ireland, S. M. Camp, and D. L. Sexton (eds.): Strategic Entrepreneurship: Creating a New Mindset. Oxford, UK: Blackwell Publishers, pp. 130–150.
- Souder, W. (1981), 'Encouraging entrepreneurship in large corporations'. Research Management 24(3), 18–22.
- Stevenson, H. H. and J. C. Jarillo (1990), 'A paradigm of entrepreneurship: Entrepreneurial management'. *Strategic Management Journal* 11(Special Issue), 17–27.
- Stopford, J. M. and C. W. F. Baden-Fuller (1994), 'Creating corporate entrepreneurship'. Strategic Management Journal 15, 521–536.
- Stuart, R. and P. A. Abetti (1989), 'Start-up ventures: towards the prediction of initial success'. *Journal of Business Venturing* **2**(3), 215–230.
- Sykes, H. B. (1986), 'The anatomy of a corporate venturing program'. Journal of Business Venturing 1, 275–293.
- Sykes, H. B. (1992), 'Incentive compensation for corporate venture personnel'. *Journal of Business Venturing* 7, 253–265.
- Sykes, H. B. and Z. Block (1989), 'Corporate venturing obstacles: Sources and solutions'. *Journal of Business Venturing* 4, 159–167.
- Tidd, J. and S. Taurins (1999), 'Learn or leverage? Strategic diversification and organizational learning through corporate ventures'. Creativity and Innovation Management 8(2), 122–129.
- Tushman, M. L., W. H. Newman, and E. Romanelli (1986), 'Convergence and upheaval: Managing the unsteady pace of organizational evolution'. *California Management Review* **29**(1), 29–44.

- Van de Ven, A. (1986), 'Central problems in the management of innovation'. *Management Science* **32**, 590–607.
- Vozikis, G. S., G. D. Bruton, D. Prasad, and A. A. Merikas (1999), 'Linking corporate entrepreneurship to financial theory through additional value creation'. *Entrepreneurship Theory and Practice* **24**(2), 33–43.
- Vroom, V. H. (1964), Work and Motivation. New York: Wiley.
- Wrzesniewski, A. and J. E. Dutton (2001), 'Crafting a job: Revisioning employees as active crafters of their work'. *Academy of Management Review* **26**(2), 179–201.
- Zahra, S. A. (1991), 'Predictors and financial outcomes of corporate entrepreneurship: An exploratory study'. *Journal of Business Venturing* 6, 259–286.
- Zahra, S. A. (1993), 'Environment, corporate entrepreneurship and financial performance: A taxonomic approach'. *Journal of Business Venturing* 8, 319–340.
- Zahra, S. A. and J. G. Covin (1995), 'Contextual influences on the corporate entrepreneurship-performance relationship: A Longitudinal Analysis'. *Journal of Business Venturing* **10**, 43–58.
- Zahra, S. A., D. F. Kuratko, and D. F. Jennings (1999a), 'Entrepreneurship and the acquisition of dynamic organizational capabilities'. Entrepreneurship Theory and Practice 23(3), 5–10.
- Zahra, S. A., A. P. Neilsen, and W. C. Bogner (1999b), 'Corporate entrepreneurship, knowledge, and competence development'. Entrepreneurship Theory and Practice 23(3), 169–189.

Full text available at: http://dx.doi.org/10.1561/0300000015

# **Biography**

**Dr. Donald F. Kuratko** is the Jack M. Gill Chair of Entrepreneurship, Professor of Entrepreneurship & Executive Director. The Johnson Center for Entrepreneurship & Innovation, The Kelley School of Business, Indiana University – Bloomington.

Dr. Kuratko is considered a preeminent scholar and national leader in the field of entrepreneurship. He has published over 150 articles on aspects of entrepreneurship, new venture development, and corporate entrepreneurship. His work has been published in journals such as Strategic Management Journal, Academy of Management Executive, Journal of Business Venturing, Entrepreneurship Theory & Practice, Journal of Small Business Management, Journal of Small Business Strategy, Family Business Review, and the Journal of Business Ethics. Professor Kuratko, in 2007, has authored 22 books, including the leading entrepreneurship book in American universities today, Entrepreneurship: Theory, Process, Practice, 7th ed. (South-Western/Thomson Publishers), as well as Corporate Entrepreneurship Business Management, 7th ed. In addition, Professor Kuratko has been

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consultant on Corporate Entrepreneurship and Entrepreneurial Strategies to a number of major Fortune 100 corporations. Dr. Kuratko also serves as the Executive Director of the National Consortium of Entrepreneurship Centers (NCEC), an organization comprised of over 100 top university entrepreneurship centers throughout the nation. Professor Kuratko was honored by his peers in Entrepreneur magazine as one of the Top Two Entrepreneurship Program Directors in the nation for three consecutive years including the #1 Entrepreneurship Program Director in 2003. Under Dr. Kuratko's leadership and with one of the largest and most prolific entrepreneurship faculties in the world, Indiana University's Entrepreneurship Program has recently been ranked the #1 Graduate Business School (Public Institutions) for Entrepreneurship by U.S. News & World Report and the #1 Undergraduate Business School (Public Institutions) for Entrepreneurship by U.S. News & World Report. In 2007, the U.S. Association for Small Business & Entrepreneurship honored Dr. Kuratko with the prestigious John E. Hughes Entrepreneurial Advocacy Award for his career achievements in entrepreneurship and corporate innovation.