

INDEX

A

Academia, entrepreneurship in, 3–5
Academic field, emergence of entrepreneurship research as, 59–93
Access to ownership opportunities, 340–341
Achievement motive, 42
 need for, 40–42
The Achieving Society, 41–42, 42–43
Acs, Zoltan, 51, 62, 139, 150, 205–234, 364
 career, 206–217
 contributions of, 205–206
 databases, 218–219, 219–220
 economics of small business, 223–231
 innovation, role of small firms in, 205–220
 small business economics research field, 205–220
Administrative behavior, entrepreneurial behavior, contrasts between, 147
“Administrative entrepreneurs,” 277
Administrative venture managers, 309–310
Advantage chain
 model, 304–305
 rents from new ventures, 303
Aging, liability of, 335–336
Aitken, Hugh, 37
Albach, Horst, 107–108
Aldrich, Howard, 51, 124–125, 150, 325–358, 333, 364
 aging, liability of, 335–336
 career, 326–330
 contributions of, 325
 ecological perspective, organizational foundings, 333–335
 ethnic strategies, 342
 ethnicity, entrepreneurship and, 339–342
 evolutionary approach
 to business formation, 333–348
 organizations evolving toward, 331–333
 group characteristics, 341–342
 networks, entrepreneurial process and, 342–346
 new firms, evolution of, 348–355
 new industries, early ventures in, 336–339
 opportunity structures, 340–341
 size, liability of, 335–336
 social networks
 characteristics of, 342–346
 impact on business start-ups, 344–346
 women entrepreneurs, 346–348
The American Capitalism, 48
The American Challenge, 48
Analytic dilemmas, 349–351
Analytical framework, evolution of industries, 190–192
Archimedeon serendipity, 364
Armington, Catherine, 61, 138, 165, 216
The Art And Science of Entrepreneurship, 76, 326
Asset parsimony, 309
Atkinson, John, 99

Audretsch, David, 51, 62, 139–140, 150, 205–234, 209–210, 214, 364
 career, 206–217
 contributions of, 205–206
 databases, 218–219, 219–220
 economics of small business, 223–231
 innovation, role of small firms in, 205–220
 small business economics research field, 205–220
Auster, Ellen, 327, 335
Australia
 development of entrepreneurship, small business research in, 117
 entrepreneurship research in, 125
 Europe, United States, entrepreneurship/small business research, comparisons between, 123–126
 international entrepreneurship/small business research, 115–122
 coming of age, 121–122
 education, 120–121
 milestones, 119–120
 policy, research, 117–119
 small business context, 115–116
 training, 120–121
The Australian Manual of Small Business Practice, 119
Austria, 105–106, 109
Austrian tradition, 38–39
Autio, Erkki, 102

B

Babson Conferences, 120, 143
Bagby, Ray, 136
Bager, Torben, 105
Bagnasco, Arnaldo, 110
Baker, Ted, 327, 346–348
Balance between competition, 250
Bamberger, Ingolf, 146
Bamford, Julia, 246
Barth, Fredrik, 46–47, 51, 103
Baumback, Clifford, 147
Baumol, William, 37–38, 85, 137, 318
Becattini, Giacomo, 51, 61, 111, 140, 150, 235–259, 364
 career, 236–240
 contributions of, 235–259
 industrial district concept, introduction of, 244–247
 industrial districts, research on, 241–244
 Italian industrial districts, characteristics of, 249–251
 Marshallian industrial districts, rediscovery of, 235–240
 perspectives on industrial districts, 255–258
 Prato, development, as industrial district, 251–253
Behavioral science, 39–47

- Behaviorism, entrepreneurship and, 44–47
 Bentham, Jeremy, 29
 Berlow, David, 135
Betriebswirtschaftslehre der Klein- und Mittelbetriebe, 146
 Birch, David, 49–50, 51, 61, 111, 138, 150, 159, 163–164, 164–66, 174, 181, 187, 208, 226, 228, 364
 career, 160–162
 contributions of, 159–160
 gazelles, 168–169
 high growth firms, perspectives on, 169–171
 job creation in America, 166–168
 pioneering achievement, 159–162
 research, 162–169
 Birley, Sue, 99, 300
 Bishop, T.E., 119
The Blackwell Handbook of Entrepreneurship, 78
 Blair, Tony, 99
 Blitzkrieg, 307
 Block, Zenas, 145, 298–299, 306–308
 Bolton report, 97–98, 111, 178
 Books, state-of-the-art, entrepreneurship research, 75–76
 Bouffier, W., 106
 Braudel, Fernand, 251
 Brock, William, 61, 226
 Brodribb, Lisa, 119
 “Brokers,” promoting access, 343
 Brophy, David, 135, 144, 146
 Brown, Charles, 168
 Brüderly, Joseph, 108
 Brunn, Michael, 104
 Bruno, Albert, 144, 265, 272
 Brusco, Sebastiano, 51, 61, 111, 140, 242–243, 256
 Brush, Candida, 143
 Buckley, Walter, 326
 Building contractor, construction entrepreneurs, 8–9
 Burgelman, Robert, 145
Business Cycles, 33
 Business Development Agency, 131
 Business formation, 176
 unemployment, relationship between, 187–188
 Business newness, entrepreneurship as related to, 12
 Business plan, key factor, 313
 Business size, performance, relationship between, 188
 Business start-ups, impact of social networks, 82
Business Success: A Comparison Based on Empirical Data between Successful and Unsuccessful Entrepreneurs, 108
 Bygrave, William, 18, 144, 145
- C**
 Campbell, Donald, 326, 330, 331, 351–352
 Cannon, Tom, 98
 Cantillon, Richard, 5, 13, 15, 28
 Capital, as predictor of performance, 282–283
Capitalism, Socialism and Democracy, 33, 35
 Capitalism displacement, socialism, 35
 Carlsson, Bo, 138
 Carmichael Report, 118
 Carroll, Glenn, 331
 Carsrud, Alan, 326
 Casson, Mark, 137
 Categories of entrepreneurs, 44
 Categories of new firms, performance of, 281–282
 Categorization of research community, in entrepreneurship research, 68
 Cater, John, 327, 339
The Caterpillar and Butterfly, 251
 Cavalry charge, 307
 Center for Innovation and Entrepreneurship, 105
 Central concepts, problem of defining, 361
 Chairs, academic, establishment of, 136
The Changing Structure of United States Economy: Lessons from Steel Industry, 62, 208
 Characteristics of established incubator organization, 271
 Chell, Elisabeth, 99
 Christensen
 Clayton, 317, 348–349
 Poul Rind, 105
 Churchill, Neil, 74, 147, 326
 CIE. *See* Center for Innovation and Entrepreneurship
 Cities, importance of, 215–216
 Clark, John Bates, 31, 51
 “Classical development,” 252
 Classical school, 17
 Cluster, industrial district, difference between, 257
 Cluster concept, 140–141
 Clusters, 314–315
 industrial districts, difference between, 257
 Cochran, Thomas, 37
 Codified knowledge, contextual knowledge, integration of, 249–250
 Cognitive development, 362–363
 entrepreneurship/small business research, 61–62
 Cognitive development of entrepreneurship/small business research, 67, 70–83
 Cognitive legitimation, 337
 Cole, Arthur H., 37
 Collins, Orvis, 44, 80, 143
 Columbian serendipity, 364
 Competing to obtain scarce resources, 332
Competition and Entrepreneurship, 38–39
 Competitive advantage, 304
The Competitive Advantage of Nations, 140–141, 243–244
Competitive Strategy, 79
Concept of Industry and Theory of Value, 236–237
 Consequences of entrepreneurship, 214
 Construction entrepreneurs, 8–9
 Contextual knowledge, codified knowledge, integration of, 249–250
 Cooper, Arnold, 51, 80, 135, 143, 145, 150, 193, 263–293, 279–280, 281–283, 326, 364
 capital, as predictor of performance, 282–283
 career, 264–268
 categories of new firms, performance of, 281–282

- contributions of, 263
- diversity, entrepreneurial, 275–279
- entrepreneurial process, 279–283
- high-tech firms, 284–290
- incubator organizations, 271–272
- incubator phenomenon, 273
- performance patterns, 272–273
- research, 268–283
- research and development, in small manufacturing firms, 268–269
- satisfaction, entrepreneurial, 280
- spin-off companies, characteristics of, 270–271
- technical entrepreneurship, 270–274
- technological clusters, 274
- typologies, critics of, 276–277
- typologies of business owner, 275–276
- Core researchers, 68
- Corporate entrepreneurship, 145–146
- Corporate entrepreneurship, 301, 316–321
- Corporate Venturing, 299
- Cours complet d'économie politique pratique*, 29
- Craftsman entrepreneur, 266, 275–277
 - opportunistic entrepreneur, distinction between, 44
 - opportunistic entrepreneur, distinction between, 44
- Craftsman-oriented owners, 276
- Creativity, United States industry, 167–168
- Criteria, most essential, 315
- Croatia, 114, 115
- Cross-cultural entrepreneurship, 310–312
- Cummings, Larry, 296
- Curran, James, 98, 99
- Cycles, structural, long-term, 53
- Cyert, Richard, 220
- Czech Republic, 114
- D**
- Dahmeén, Erik, 37, 101, 138
- Daily life, productive activities, merger between, 249
- Danilov, Victor, 135
- Das unternehmerische Element in der Betriebswirtschaft*, 107
- Databases, 163
 - development of, 62
 - use of, 218–219, 219–220
- Davidsson, Per, 50, 84, 102
- Davis, 365
 - Amy, 327
 - Leonard, 132
- de Belges, Lemaire, 8
- de Miguel, Amando, 112
- de Vries, Ketz, 43
- Delmar, Frederick, 102
- Denmark, 104–105
- Dennis, William, 267
- Der Erfolg, neugegründeter Betriebe Eine Studie zu Chancen und Risiken von Unternehmensgründungen*, 108
- Development of population of industrial business*, 103
- Development of small business research, 3–7
- Dictionary of English Language*, 9
- Dictionnaire de langue française*, 8
- Disciplinary research
 - domain of entrepreneurship/small business research, 85
 - entrepreneurship/small business research, distinguished, 83–85
- Discontinued, high-growth business, comparison between, 272
- Discovery-oriented research, 70–71, 70–73
- Distinctive competencies, 304
- Diversity, 275–279, 343
- Donckels, Rik, 135, 146
- Donleavy, Douglas, 98
- Dooley, Richard, 135
- Draheim, Kirk, 135
- Drake, Monika, 327
- Drucker, Peter, 51, 132, 145
- Dubini, Paola, 315–316, 343
- Dunkelberg, William, 266, 275, 276–280, 281
- Dunlop, Winston, 116–117, 119
- E**
- Ecological perspective, organizational foundings, 333–335
- Economic and Social Research Council, 175, 184
- Economic development, nation's need for achievement, link between, 42–43
- Economic growth innovation, crucial role of, 34
- Economic landscapes, 36
- Economic Organization*, 31
- The Economics of Industry*, 235, 241
- Economics of small business, 223–231
- The Economics of Small Business*, 61, 226
- ECSB. *See* European Council for Small Business
- EFER. *See* European Foundation for Entrepreneurship Research
- The Effectiveness of Antitrust Policy Towards Horizontal Mergers*, 209
- EIASM. *See* European Institute for Advanced Studies in Management
- Elam, Amanda, 327
- Eliasson, Gunnar, 138
- Embeddedness, sense of belonging, difference between, 235–236
- Embeddedness model, 345–346
- Emergence of new organizations, 19
- Emergence of opportunities, 19
- Emergence of small business as field of research, 5–6
- Empirically-oriented research, 70–73, 71–73
- Employers Large and Small*, 168
- Employment, finance, 185–186
- Employment, Small Firm and Labour Market*, 99
- Encyclopedia of Entrepreneurship*, 73–74
- Endogenous factors, 244
- Entrepreneur
 - as alert seeker of opportunities, 14
 - as capitalist, 14
 - concept of, in English language, 9–10
 - as coordinator of limited resources, 13
 - defined, 41–43
 - as individual, 15

- decline in interest, 71–72
 - individual characteristics of, 43
 - as opportunity creator/innovator, 13
 - as risk-taker/risk-manager, 13
 - small business owner, difference between, 16
 - The Entrepreneur*, 61
 - The Entrepreneur and his Firm*, 44
 - “Entrepreneurial alertness,” 38–39
 - Entrepreneurial behavior, administrative behavior,
 - contrasts between, 147
 - Entrepreneurial exit, threshold model of, 283
 - Entrepreneurial process, 279–283
 - Entrepreneurial society, nature of, 229
 - Entrepreneurial success, network behavior, 344
 - Entrepreneurship
 - corporate, 316–321
 - defined, 10–20
 - definitions of, 1
 - derivation of word, 8
 - early definitions of, 7–10
 - early thinking on, 27–31
 - in economic context, 28–29
 - emergence as field of research, 5–6
 - as function of market, 13
 - growth, 228
 - mystery of, 7–21
 - new business, 177–180
 - as process, 17
 - societal development, small business research,
 - linkage between, 53
 - as societal phenomenon, 12–13
 - strategic management research, difference
 - between, 289–290
 - Entrepreneurship: Playing to Win*, 133
 - Entrepreneurship 2000*, 77–78
 - Entrepreneurship and Economic Development*, 133
 - Entrepreneurship and New Firm*, 174
 - Entrepreneurship and Venture Management*, 134
 - Entrepreneurship research
 - academic field, emergence as, 59–93
 - Acs, Zoltan, 205–234
 - Aldrich, Howard, 325–358
 - Audretsch, David, 205–234
 - Becattini, Giacomo, 235–259
 - Birch, David, 159
 - Cooper, Arnold, 263–293
 - development of, 3–7
 - future of, 200–201, 288–289, 321, 353–355
 - future outlook, 361–369
 - growth of, 65–69
 - international, 95–129
 - MacMillan, Ian, 295–323
 - as “multiplying” phenomenon, 20–21
 - pioneers, 131–155
 - pioneers in, contributions of, 6–7
 - retrospective, 361–369
 - roots of, 27–58
 - as scholarly domain, 13–20
 - Storey, David, 173–203
 - Entrepreneurship research community,
 - categorization of, 68
 - Entrepreneurship Research Consortium, 19, 72
 - Entrepreneurship/small business research
 - cognitive development, 61–62
 - convergence, 79–81
 - disciplinary research, distinguished, 83–85
 - progress in, 82–83
 - social development, 63–64
 - state-of-the-art in, 73–78
 - ERC. *See* Entrepreneurship Research Consortium
 - ESRC, 177
 - ESRC Small Business Initiative, 184
 - ESRC Small Business Initiative*, 198–199
 - Essai Sur la Nature du Commerce en Gén138ral*, 28
 - Estonia, 114
 - Ethnic business development, interactive model
 - of, 339
 - Ethnic Entrepreneurs*, 339
 - Ethnic strategies, 342
 - Ethnicity, entrepreneurship and, 339–342
 - Europe
 - Australia, United States, entrepreneurship/small
 - business research, comparisons between, 123–126
 - entrepreneurship in, 31
 - entrepreneurship research in, 125
 - international entrepreneurship/small business
 - research, 96–115
 - Central Europe, 105–110
 - general characteristics, 96–97
 - Mediterranean countries, 110–113
 - Nordic countries, 100–105
 - transition countries, 113–115
 - United Kingdom, 97–100
 - revival of small business in, 60
 - European Council for Small Business, 133, 134
 - European Foundation for Entrepreneurship
 - Research, 134
 - European Foundation for Management
 - Development, 134
 - European Institute for Advanced Studies in
 - Management, 135
 - Evans, David, 61, 226
 - Evolutionary approach
 - to business formation, 333–348
 - organizations evolving toward, 331–333
 - Evolutionary process of new business, 213
 - Evolutionary Social Psychology*, 352
 - An Evolutionary Theory of Economic Change*, 139
 - Exit, entrepreneurial, threshold model of, 283
 - “Exogenous factors,” 244
 - Exploration of knowledge, 86–87
 - Explorative, exploitative research, balance
 - between, 88
 - Extended networks*, 345
 - External, internal economies, difference between, 241–242
- F**
- Failure prediction, 183–184
 - Family and work responsibilities, balancing of, 347
 - Fast, Norman, 145
 - Feldman, Maryann, 214, 215
 - Finance and Small Firm*, 99

- Finland, 102
 Fiol, Marlene, 336–339
 First industrial divide, 254
 Folta, 279–280
Företagsledning och motivation, 102
 Fostering processes, 302
 Frank, Herman, 108
The Free-Market Innovation Machine, 318
 Freeman
 Christopher, 236
 John, 330
 FSF. *See* Swedish Foundation for Small Business Research
 FSF-NUTEK International Award, 150, 361, 364
 FitzRoy, Felix, 216
 Fuá, Georgio, 111
- G**
 Galbraith, John Kenneth, 48, 211
 Galilean serendipity, 364
 Ganes, Age, 103
 Gartner, William, 10, 18–19, 71, 80, 146–147
 Gascon, Gimeno, 193
 Gates, Bill, 171
 Gattiger, Urs, 104
 Gazelles, 168–169, 169–171. *See also* High growth business; High growth firms characteristics of, 170–171
 Geertz, Clifford, 46
 GEM. *See* Global Entrepreneurship Monitor
 Gender, impact on choice of career, 347
General Theory of Employment, Interest and Money, 36
 Genesca, Enric, 112
 Geographic areas of high entrepreneurship, 271
 German speaking countries, 106–110
 Germany, 106
 Gerschenkron, Alexander, 37
 Gibb, Allan, 98, 99, 133, 135
 Gibrat's Law, 140
 Global Entrepreneurship Monitoring, 19, 72, 214
 Golinelli, Gaetano, 111
 Goodman, Edward, 246
 Government
 policy toward small business, 186
 responsibility, 186
 spendings/policies, 189
 suggestion to, 196–197
 “Great person” school, 17
 Griliches, Zvi, 139, 217
 Group characteristics, 341–342
 Grove, Andy, 171
 Growth, entrepreneurship, link between, 228
 Growth-oriented owners, 276
Grundsätze der Volkswirtschaftslehre, 30
 Gudgin, Graham, 138, 141
 Guerrilla Tactics, 307
 Gutersohn, Alfred, 106, 135
 Gutz, Bill, 145
- H**
Haandbog i Handelsvidenskab, 104
 “Habilitation” thesis, 32
 Hage, Christopher, 104
 Hagen, Everett, 40, 51
 Hambrick, Donald, 297
 Hamilton, James, 168
 Hannan, Michael, 330, 331
 Hawley, Fredrick, 31, 51
 Heavy capital investment required, 271
 Heébert, Robert, 61
 Heinrich, W., 106
 Herlau, Henrik, 105
 High birth rate, 271
 High growth business, 169–171, 197, 272
 discontinued, comparison between, 272
 High growth firms, 169–171
 High-tech firms, 284–290
 High technology firms, performance of, 192–194
 Hisrich, Robert, 143
History of Economic Analysis, 33
 History of entrepreneurship and small business
 research, 1–
 Hofer, Charles, 18, 297
 Hoffman, Cary, 135
 Hofmann, Michael, 107
 Homeworkers, importance of, 250
 Homogeneous value system, 249
 Homogeneous markets, 271
 Hosmer, W. Arnold, 264
 Howell, Richard, 135
 Hoy, Frank, 146
 Hruschka, E., 106
 Hughes, Allan, 99
Human Motivation, 40
 Human resource management, 176–177
 Hungary, 114, 115
 Hutchinson, Patrick, 98
- I**
 Incubator organizations, 271–272, 284
 characteristics of, 271
 Incubator phenomenon, 273
 Independence-oriented owners, 276
 “Independent entrepreneurs,” 277
 Industrial district, 111
 cluster, difference between, 257
 clusters, difference between, 257
 concept of, 140–141
 evolution of concept, 243–244
 Industrial district concept, introduction of, 244–247
 Industrial districts, 255–258
 research on, 241–244
 Industrial enterprise focus, 111
The Industrial Man, 44
 Industry
 characteristics of, 271
 framework for analysis of, 191
Industry and Trade, 235
 Innovation
 regional aspects, 215–216
 role of small firms in, 205–220
Innovation and Growth of Cities, 216
Innovation and Industry Evolution, 213
Innovation and Small Firms, 211

- Innovative activity, impact of industry structure, 221
- Innovative advantage, conditions to create, 221
- The Innovator's Dilemma*, 317
- The Innovator's Solution*, 317
- Inquiry into Nature and Causes of Wealth of Nations*, 10, 28–29
- Institutional conditions, 338–339
- Instrumental model, 346
- Inter-industry processes, 338–339
- Inter-population processes, 334
- Interdisciplinary, nature of, 227
- Internal, external economies, difference between, 241–242
- International Award for Small Business Research 7,22
- International Council for Small Business [ICSB], 134
- International entrepreneurship/small business research, 95–129
- Intra-industry processes, 338
- Intrapopulation processes, 334
- Intrapreneuring*, 145
- Intrapreneurship school, 17
- Isomorphism, 124–125
- Italian industrial districts, characteristics of, 249–251
- Italy, 110–112
- Iværksætterundersøgelsen*, 104
- Iveroth, Axel, 101
- J**
- Job creation, 177–184, 187–190
- United States, 166–168
- Job Creation in America*, 162
- Job creation in United States, 166–168
- Job generation, 180–181
- Job Generation and Labour Market Change*, 180
- The Job Generation Process*, 49–50, 61, 159–160
- 161, 181
- “The Job Generation Process,” 163–164
- report, 163–164
- Johannisson, Bengt, 101, 133
- Johns, Brian, 119
- Johnson, 138
- Peter, 98
- Steven, 177, 180–181
- Jones, Trevor, 327, 339
- Jovanovic, Boyan, 139, 226
- Justis, Robert, 132
- K**
- Kanter, Rosabeth Moss, 51, 145
- Karpin Report, 118
- Keasey, Kevin, 177, 182–184
- Keeble, David, 141
- Kendrick, Douglas, 352
- Keynes, John Maynard, 36, 207
- Kierulff, Herb, 132
- Kilby, Peter, 7
- Kim, Philip, 327
- Kirby, David, 98, 99, 146
- Kirchhoff, Bruce, 50
- Kirzner, Israel, 14, 38–39, 137
- Klandt, Heinz, 107, 109
- Knight, Frank, 13, 51
- Knowledge, exploration of, 86–87
- Kock, Sven E., 102
- Kolvereid, Lars, 103
- Komives, John, 135
- Kozmetsky, George, 135
- L**
- Labor market change, 180–181
- Lahi, Arto, 102
- Lamont, Lawrence, 135
- Larger business, complementarities between, 224
- Leadership school, 17
- Learning, approach to, national differences in, 195–196
- Leighton, Linda, 226
- Leivo, Veikko, 102
- Levenson, Alec, 168
- Lewis, Virginia, 147
- Life cycle model, pulsation model, difference between, 167
- “Life cycle model,” “pulsation model,” difference between, 167
- The Light Industrialization of Tuscany*, 239
- Link, Albert, 61
- Linz, Juan, 112
- Liou, 346–348
- Lippmann, Stephen, 327
- Lipset, Seymour Martin, 51
- Little, Arthur D., 190
- Local credit system, 250
- Logic, entrepreneurial, 18
- Long-term structural cycles, 53
- Low birth rate, 271
- Low capital investment required, 271
- Lyles, Patrick, 135
- M**
- Mace, Myles, 132
- MacMillan, Ian, 51, 79, 144, 145, 150, 295–323, 301,364
- career, 296–301
- contributions of, 295–296
- corporate entrepreneurship, 301, 316–321
- cross-cultural entrepreneurship, 310–312
- fostering processes, 302
- managing processes, 306–310
- social networks, business start-ups, 296
- venture capitalists' evaluation, new venture proposals, 313–316
- MacMillan Committee report, 186
- Macro economics, 29–31
- Macro-level analysis, 364
- pioneers, 142
- Mahmood, Talat, 213
- Management Motivation in Smaller Business*, 98
- Management of small business, 146
- Management planning, 307–308
- Management school, 17
- Management science, entrepreneurship, small business in, 47–50

- Management training, small firms, 194–196
 Managers, challenges of, 301–302
 Managing processes, 306–310
 March, James, 330
 Market entry strategies, 306
 “Market” explanation, 194
 Market newness, entrepreneurship as related to, 12
 Marshall, 14, 235–238, 246
 Alfred, 30, 61, 236, 241, 245
 Mary, 241
 Marshallian industrial districts, rediscovery of, 235–240
 Marx, Karl, 48
 Mason, Colin, 99
 Massey, Doreen, 141
 McClelland, David, 22, 27, 41–42, 51, 80
 McEvoy, David, 327, 339
 McGrath, Rita, 299–301, 304–305, 308, 310, 317–318
 McKelvey, Bill, 329
 Medoff, James, 168–169
 Menger, Carl, 5, 30–31, 32, 38, 51
 Mensch, Gerhard, 208
 Meredith, Geoffrey, 116–117, 118–120, 119, 146
 “Metamorphosis” phase, 252
 Methodology perspective, 123–124
 Micro economics, 29–31
 Micro-level analysis:, 364
 Micro-level analysis, pioneers, 149
 Miettinen, Asko, 102
 Milestone planning, 308
 Mill, John Stuart, 29
 Milne, A. A., 7
 Minor economies of scale, 271
 Mitchell, Joan, 98
 Monsted, Mette, 104, 105
 Mocre, David, 44, 80, 143
 Mugler, Josef, 106, 107, 146
 Müller, Böling, Detlef, 107–108
 Murray, Henry, 41
- N**
 Nathusius, Klaus, 107–108
 Naval architect, 162
 Nelson, Richard, 139, 330
 Network behavior, entrepreneurial success, link between, 344
 Networks
 entrepreneurial process and, 342–346
 social, impact on business start-ups, 82
- New business
 entrepreneurship, 177–180
 formation, determinants influencing, 188–189
- New business birth, determinants of, 189
New Business Ventures and Entrepreneur, 133
 New competencies, 304
 New firms, 177–180
 evolution of, 348–355
 formation of, 187–190
The New Industrial State, 48
 New industries, early ventures in, 336–339
 New industry development, entrepreneurial strategies to promote, 337
- New innovations, 144–145
New Venture Creation, 134
 North, Douglass, 48
 Norway, 103–104
- O**
 Oakey, Ray, 141
 Oberparleiter, Karl, 107
 O’Brien, Marie, 143
 Odle, Marjone, 61, 138, 165
 OECD. *See* Organization for Economic Cooperation and Development
 Oil crises, 60
 Opportunistic entrepreneur, 266, 275–277
 craftsman entrepreneur, distinction between, 44
 Opportunistic entrepreneur, craftsman entrepreneur, distinction between, 44
 Opportunity-based view, 147
 Opportunity structures, 340–341
 Optimism, 279
 Organization builders, 277
 Organization for Economic Cooperation and Development, 115
Organizations and Environments, 326
Organizations Evolving, 329
Organizations in Hostile Environment, 326
- P**
 Paasio, Antti, 102
 Parsons, Talcott, 37
 Part-time workers, importance of, 250
 Peacock, Rolfee, 119
 Pearce, John A., 135
 Performance, business size, relationship between, 188
 Performance of small firms, 182–184
 Performance patterns, 272–273
 Personal/household wealth, 189
 Personal network, constitution of, 343
Personality, 40
 Pinchot, Gifford, 145
 Pioneers, 6–7, 131–155. *See also under* specific name
 education, pioneers in area of, 132–134
 industries, development of, research, 138–140
 infrastructure builders, 132–136
 macro-level analysis, 142, 157
 macro-level analysis research, 136–142
 macro-level focus, research, 141–142
 micro-level analysis, 149, 261–358
 nature of, 365–366
 pioneers, micro-level analysis, 142–149
 research pioneers, 136–149
 social networks for entrepreneurship/small business scholars, builders of, 134–136
 society, entrepreneurial function in, research, 137–138
 space, agglomeration in, research, 140–141
 Piore, Michael, 61, 140, 208, 226, 236, 243, 253–255, 256
 Plaschka, Gerhard, 108
 Pleitner, Hans Jobst, 107

- Poland, 113–115, 114, 115
 Policy recommendations, 258, 287–288, 353
 Political agenda, change, in, 98
 Political ethos, 189
 Porter, Michael, 80, 110, 140, 243–244, 257
 Post-Schumpeterian development, economic science, 37–39
 Prato, development, as industrial district, 251–253
 Preisendörfer, Peter, 108
Price Behavior and Theory of Firm in Competitive and Corporate Markets, 207
Principle of Economics, 235
Problems of Start-ups: An Analysis of Start-up Conditions from the Perspective of Business Administration, 107
 Product-decentralized organization, 271
 Production possibility curve, 15
 Productive activities, daily life, merger between, 249
 Productive units, aggregating of, 246
 Professional organizations, 134–135
 “Protected market hypothesis,” 340
The Protestant Ethic and Spirit of Capitalism, 42, 45
 Psychological characteristics school, 17
 Public policy, 228–229
 Pulsation model, life cycle model, difference between, 167
- Q**
 Quinn, James Brian, 146
- R**
 Raffa, Mario, 111, 146
 Ramström, Dick, 101
 Rapid industry growth, 271
 Rationalization, 52–53
 defined, 52
 Ravn, Niels, 104
 Reagan, Ronald, 49–50, 60, 180, 208
 Recession in economy of many countries, 60
 Redlich, Fritz, 37
 Reese, Pat, 327
 Regional development, 177–184, 187–190
 Regional spillovers, 213–214
 Relatively well-managed, 271
 Rents from new ventures, advantage chain for, 303
 Renzullil, Linda, 327
 Research, 125, 160–162, 177–196
 academic field, emergence as, 59–93
 achievements, most important, 199
 Acs, Zoltan, 205–234
 Aldrich, Howard, 325–358
 Audretsch, David, 205–234
 Becattini, Giacomo, 235–259
 Birch, David, 159
 Cooper, Arnold, 263–293
 development of, 3–7
 explorative, exploitative, balance between, 88
 future outlook, 361–369
 growth of, 65–69
 international, 95–129
 MacMillan, Ian, 295–323
 new technology-based business, area of, 286–287
 pioneers, 131–155
 retrospective, 361–369
 roots of, 27–58
 as scholarly domain, 13–20
 self-organizing system, phases of, 367–368
 Storey, David, 173–203
 Research and development, in small manufacturing firms, 268–269
 Research circles, argument for, 368
 Research community, 124
 Research framework, 278
 Restructuring, 252–253
 Retention, 332
 Reynolds, Paul, 19, 50, 81, 188–189
 Rind, Paul, 104
The Rise of Western World, 48
Risk, Uncertainty and Profit, 31
 Risk categories, 313–314
 Roberts, Edward, 135, 143, 145, 266
The Role of Entrepreneur in Social Change in Northern Norway, 46–47, 103
 Role of social networks in entrepreneurial process, 79–80
 Romagna, Emilia, 256
 Romania, 114
 Rössl, Dietmar, 108
 Rössle, K., 106
 “Routinized regime,” 221–222
- S**
 Sabel, Charles, 61, 140, 150, 208, 226, 236, 239, 243, 253–255, 256, 364
 Sahlman, William, 144
 Sandberg, William, 146
 Satisfaction
 entrepreneurial, 280
 instrumental, social, egocentric, distinction between, 305
 Saxenian, AnnaLee, 141
 Say, Jean Baptiste, 5, 13, 29
 SBA. *See* Small Business Administration
 SBIDB. *See* United States Small Business Administration’s Innovation Data Base
 Scheinberg, Sari, 310
 Schendel, Dan, 297
 Schmoller, Gustav, 32
 Schollhammer, Hans, 145–146
 Schön, Lennart, 52, 362
 Schrage, Harry, 144
 Schumpeter, Joseph, 5, 13, 14, 22, 27, 31–36, 35, 39, 47, 51, 85, 211, 221, 222, 330
 life of, 32–33
 theory of economic development, 33–34
 view on entrepreneurship, 34–36
 Schumpeterian tradition, 37–38
 Scientific journals, 135–136
 Scientific maturation, 87
 Scott, Michael, 98, 133
 “Second Industrial Divide,” 253–255
The Second Industrial Divide, 61–62, 140, 208, 236, 243, 256

- See Global Entrepreneurship Monitor, 71, 81
 Segment markets, opportunities to, 271
 Sense of belonging, embeddedness, difference between, 235–236
 Sexton, Donald, 70, 73–78, 326
 Sforzi, Fabio, 240
 Shane, Scott, 19–20, 66, 299–301, 351
 Shapero, Albert, 135, 266, 326
 Sheehan, Bill, 119
 Simon, Herbert, 330
 Simpson, Jeffry, 352
 Size, liability of, 335–336
 Slovakia, 115
 Slovenia, 114, 115
 Slow industry growth, 271
Smaindustri och hantverk i Sverige, 101
 Small business
 complementaries between, 224
 economics of, 223–231
 engine in economy, 166
 innovation by, 223
 Small Business Administration, 132
 Small business development, 184
 Small business economics, 63, 70
 Small business economics research, future of, 231
 Small business economics research field, 205–220
Small Business in Australia: Problems and Prospects, 119
 Small Business Initiative, co-ordinator of, 177
 Small Business Institute Program, 132
Small Business Management, 133
Small Business Management in Australia, 119
 Small business owner, entrepreneur, difference between, 16
 Small business research, entrepreneurship, societal development, linkage between, 53
 Small business sector
 understanding, 184–187
 understanding of, 184–187
 Small business/specialization, 189
 Small businesses, 196–201
 Small businesses job creation, 182–183
 Small firms
 innovation by, 205–220
 performance of, 182–184
Small Firms in Urban and Rural Locations, 99
 Small number of employees, 271
 Smith
 Adam, 10, 14, 28–29, 48, 275–277
 Ian, 216
 Norman, 266
 Social development, entrepreneurship/small business research, 63–64
 Social forces that increase density, 343
 Social networks
 business start-ups, 296
 characteristics of, 342–346
 impact on business start-ups, 82, 344–346
 Social resources, 343
 Social structure, 362
 building of, 69
 Social transaction-oriented managers, 309–310
 Social transformation, 248
 Social turmoil
 emergence of entrepreneurship, small business research, 65
 entrepreneurship and, 60–61
 entrepreneurship/small business research and, 64–65
 Societal development, entrepreneurship, small business research, linkage between, 53
 Societal developments, entrepreneurship, small business research in relation to, 51–54
 Societal-level factors, 334
 Society, entrepreneurship in, 3–5
 Socio-cultural assumptions, 245
 Socio-political legitimization, 337
 Solomon, Lewis, 168
 Sorensen, Per, 104
 Soviet Union, former, countries once part of, 114
 Spain, 110–112, 112–113
 Spin-off companies, characteristics of, 270–271
 Sraffa, Piero, 242
 Srinivasan, 281–283
 Stanworth, John, 98
Start-up Ventures and Success of Entrepreneur: An Empirical Investigation Including Micro-social Environment, 108
 Start-ups, major problems of, 303
 State-of-the-art books, entrepreneurship research, 75–76
The State-of-the-Art of Entrepreneurship, 76–77
 Steele, Jack, 132
 Stepanek, Joseph, 135
 Stevenson, Howard, 147
 Stock of business, changes in, 185
 “Stop-and-go” period, 248
 Storey, David, 50, 61, 99, 138, 141, 150, 173–203, 226, 364
 analytical framework, evolution of industries, 190–192
 career, 174–177
 contributions of, 173
 high technology firms, performance of, 192–194
 job creation, 177–184, 187–190
 job generation, 180–181
 labor market change, 180–181
 management training, small firms, 194–196
 new firm, 177–180
 new firm formation, 187–190
 performance of small firms, 182–184
 regional development, 177–184, 187–190
 research, 177–196
 small business sector, understanding, 184–187
 small businesses, 196–201
 technology-based firms, 190–194
 Straffa, Piero, 246
 Strategic management research, 145
 entrepreneurship, difference between, 289–290
 Strike Force Approach, 307
 Structural, economic dependence relationships, 79
 Structural cycles, long-term, 53
 Studies in corporate entrepreneurship, framework for review of, 302
 Substantial economies of scale, 271
 Susbauer, Jeffrey, 135

- Svensk industriell företagsverksamhet*, 101
 Sweden, 101–102
 Swedish Foundation for Small Business Research, 7, 131
 Swedish National Board for Industrial and Technical Development, 7
 Switzerland, 106, 109
 Szyperski, Norbert, 107–108
- T**
 Team proficiency, 304
 Technical entrepreneurship, 270–274
 Technological clusters, 274
 Technological regimes, entrepreneurial, routinized, 139–140
 Technology-based business, 176
 Technology-based firms, 190–194
 Teixeira, Ana, 327
 Tether, Bruce, 176, 190–191, 193–194
 Tetzchner, Helge, 105
 Thatcher, Margaret, 49–50, 60, 98–99, 161, 180, 182, 208
 “The Entrepreneurial Personality,” 43
Theorie der Wirtschaftlichen Entwicklung, 32
Theory of Economic Development, 32
The Third Wave, 50, 208
 Timmons, Jeffrey, 51, 135, 144, 145, 147
 Toffler
 Alvin, 50
 Irwin, 208
Traité d'économie politique, 29
 Transformation, 52–53
 Transformation period, defined, 52
 Turmoil, social
 emergence of entrepreneurship, small business research, 65
 entrepreneurship and, 60–61
 entrepreneurship/small business research and, 64–65
 Tushman, Michael, 146
 Tyebjee, Tyzoon, 144
 Typologies, critics of, 276–277
 Typologies of business owner, 275–276
- U**
Understanding Small Business Sector, 99, 175, 194, 199, 226
 Unemployment, 187–188, 189
 “Unenterprising areas,” 196
 United States, 31
 entrepreneurship research in, 125
 Europe, Australia, entrepreneurship/small business research, comparisons between, 123–126
 revival of small business in, 60
 United States Small Business Administration's Innovation Data Base, 219
 Unwalla, Darab, 44, 80, 143
 Urbanization/agglomeration, 189
- V**
 Van de Ven, Andrew, 296
 Varaldo, Ricardo, 111
 Varga, Attila, 215
 Veciana, José, 112, 133
 Venkataraman, Sandaran, 19–20, 66, 299–301, 304–305
 Venture capital, 144
Venture Capital at Crossroads, 144
 Venture capitalists
 clusters, 314
 role, practices, 79
 Venture capitalists' evaluation, new venture proposals, 313–316
 Venture process, 147
 Vesper, Karl, 80, 132, 134, 135, 266, 326
 View, individual in independent economic entity, 38
 Vivarelli, Marko, 111
 von Böhm-Bawerk, Eugen, 32, 38, 51
 von Hayek, Frederick, 38
 von Hippel, Eric, 146
 von Mangolt, Hans Emil, 51
 von Mises, Ludwig, 38
 von Thünen, Johann, 51
 von Wieser, Friederich, 32, 38, 51
- W**
 Waldinger, Roger, 339–340
 Walker, Francis, 31
 Walras, Leon, 32
 Ward, Robin, 339–340
 Watson
 Ian, 175
 Robert, 177, 182–184
 Webb, Terry, 98, 135
 Weber, Max, 42, 45
 Weber's “charismatic leadership,” 45
 Wedervang, F., 103
 Weick, Karl, 330
 Weiss, Leonard, 210
 Westhead, Paul, 176, 188–189, 190–191, 192–194
 Wetzel, William, 51, 144
Wharton on Technology, 318
 Wikland, Johan, 102
 Williams, Alan, 116–117, 120
 Wiltshire, Sir Fred, 117–118
 Wiltshire Report, 118
Winnie-the-Pooh, 7
 Winter, Sidney, 139, 330
 Women entrepreneurs, 346–348
 Woo, Carolyn, 267, 276–280, 279–280, 281–283
 Wynarczyk, Pooran, 177, 182–184
- X**
 Xenophon, 4
- Y**
 Yugoslav Federation, former, countries of, 114
- Z**
 Ziegler, Rolf, 108
 Zimmer, Catherine, 326, 327, 342