Index

academic entrepreneurs 77–8
academic entrepreneurship
   barriers to 117–42
   and gender differences 221–47
academic science, women 125–32
   male-centric academic environment 127–30
   mentoring and networks 130–32
   self-efficacy 126–7
Ács, Z.J. 48, 57, 71–2, 85
administrative corruption 176
Afghanistan 51
Ahlers, G.K. 276, 278
Ahmad, N. 71
Aldridge, T.T. 223, 295
Alonso-Galicia, Patricia Esther 224
Alsos, Gry Agnete 124, 272
Alternative Investment Market (AIM) 275
Amatucci, F. 272
ambiguity aversion 7, 17, 19
angel investing 252–68
apparel industry entrepreneurs 92–112
Arenius, P. 290, 305
Asiedu, E. 173
asylum 50
Aterido, R. 173, 176, 178, 185, 192, 198
Audretsch, D. 272, 295
Autoio, E. 71, 72, 85
Aw, B.Y. 195
Azmat, F. 61
Azoulay, Pierre 155
Baglieri, Daniela 226
Baldini, N. 133
Bandura, Albert 120
bankruptcy law 52–3
Barber, Brad M. 272
Bardasi, E. 59
Baron, R. 94
Basu, A. 59
Batra, G. 173
Bayh–Doyle Act (1980) 152
Becker-Blease, John R. 253, 266, 272
Beck, T. 173
Belle, Deborah 131
Bercovitz, J. 289, 299
Betz, Nancy E. 126, 127
bias perspectives 123
Bird, Barbara 122
Bird, S. 128–9
Birley, Sue 2
Blinder, Alan 27
Blume-Kohout, M.E. 291, 296, 298, 299, 304
Bonte, W. 32, 57
Borghans, Lex 19
Bosma, N. 70, 73
Bozeman, Barry 131, 136
bribes 172, 176
Brixy, U. 55
Brockhaus, Robert 8
Bruns, W.J. 274
Brush, Candida G. 2, 8, 69, 70, 72, 75, 76, 96, 121, 122, 124, 253
Business Environment and Enterprise Performance Survey (BEEPS) 174, 175
business owners 292
Carter, Nancy M. 124
Casati, A. 226
Ceci, Stephen J. 126, 129
Census Bureau’s Survey of Business Owners 15
Cesarini, David 12, 15
childbearing 80
Choi, Jeonghwan 120
Cholakova, M. 274
Chubin, D.E. 221, 239
civic mindedness 18

309
Gender and entrepreneurial activity

Clarysse, B. 221, 274
Cliff, Jennifer E. 121
Cohen, J.R. 274
Cole, J.R. 151
Coleman, Susan 254, 266
Collins, J. 61
Colyvas, Jeannette A. 133, 224
Commander, S. 197
compensation data 17
corruption
determinants of 171–2, 181–90
to and entrepreneurship 168–201
to and firm growth 173–4, 190–98
gender and 169
Corruption Perception Index 171
Cramer, Jan Salomon 8
Croson, D.C. 298
Croson, Rachel 8
Cumming, D.J. 284
Cunningham, James A. 225, 226
data and variables 174–5
Davidsson, Per 117, 141
Dawson, Alison 133
deanonymization 273
decision-making 94
determinants, of corruption 171–2, 181–90
analysis of results 183–6
gender differences and risk attitude 186–7
omitted individual characteristics 189–90
robustness checks 187–9
specification 181–3
Diana Project report 253, 254
Diaz-Garcia, M. 96
Dillman, Don A. 227
Ding, Waverly W. 133–6, 224, 290
DiTomaso, Nancy 128, 131
Dollar, D. 171
domestic migration 51
Du Rietz, Anita 32
Dwyer, Peggy D. 255
econometric models 181–98
economic freedom 79, 80
economic growth 51
Economic Recovery Tax Act 152
efficiency-driven economies 99
Ellsberg, Daniel 17
Ellsberg paradox 7
employment growth 178
England, Paula 164
entrepreneur
ambiguity aversion 7
psychology of 6–33
see also entrepreneurship
entrepreneurial activity, fostering 69
entrepreneurial dynamism 52
entrepreneurial finance
angel- and venture-capital funds 75
formal financing, recourse to 75
gender in 271–85
initial finance 75
initial public offering (IPO) issuance 75
public support 75
entrepreneurial firms 58
entrepreneurial structure and performance 76–7
business growth 76
firm size 76
innovation levels 76–7
productivity 77
profits 76
self-employment earnings 76
entrepreneurial success stories 49–50
entrepreneurship 1
and corruption 168–201
defining 71, 291–2
female participation level in 73
gender gaps in 6–33, 74–5
immigration and 48–56
informal 72
landscape, in Germany 52–4
level of 72
and migration 54–6
necessity- and opportunity-based 72
new venture creation and 51
number of entrepreneurs 72
phases of 73
productive, unproductive, and destructive 71
and psychological traits 19–25
sectoral and classifications, of areas 73
and self-employment 15–17
taxonomies, activity 71–3
variability in women’s 73
Entrepreneurship Development
Institute of India (EDII) 97, 98
equity crowdfunding 271–85
descriptive statistics 277–80
regulation of 275–6
sample and variables 276–7
Estrin, S. 60, 169
ethnic entrepreneurship 49
Etzkowitz, Henry 129–31
European Bank for Reconstruction
and Development (EBRD) 174
EXIST program 53
factor-driven economies 99
Fairlie, Robert 27
Federal Ministry of Economic Affairs
and Energy report 54
Feldman, M. 289, 299
Female Entrepreneurship Index (FEI) 70
comparing values, common
countries 83–5
data and sample 80
estimation methodology 80–82
observations on 78
overachievers and underachievers 85–8
parsimonious models, comparison of 85
simple modeling of 79–82
female immigrant entrepreneurship
chances and barriers 56–62
double disadvantaged 59
in Germany 46–63
female PI tension 243
double disadvantaged 59
in Germany 46–63
Financial Conduct Authority (FCA)
Policy Statement 275
firm growth, corruption and 173–4,
178, 190–98
analysis of results 192–7
robustness tests 197–8
specification 190–92
Fontanella, Dario 50
foreign ownership 195

**FormalSect** 177
Fox, Mary Frank 125, 127, 131, 134
Freeman, J. 173
Frickel, Scott 158
Frietsch, Rainer 117, 132
Fritsch, Michael 223
fungibility of money 17
Gaughan, Monica 128, 131, 136, 140,
224
Gaviria, A. 173
gender
bias 130
in entrepreneurial finance 271–85
and institutional environments 289–305
issues 1
personality traits 19
and psyche 19
gender-based network dynamics 131
gender differences 6, 61
and academic entrepreneurship 221–47
in entrepreneurship 8
PI 246
in psyche, entrepreneurship 25–8
in psyche, non-entrepreneurial self-
employment 31
in self-efficacy 255
gender differentials 178–81
gender discrimination 7, 130
gender–entrepreneurship nexus 69–77
definitional considerations 70–71
entrepreneurial finance 75
entrepreneurial structure and
performance 76–7
gender equality 1
gender gaps 6–33
in angel investing 252–68
decline of 74
in entrepreneurs’ education 75
in entrepreneurship 74–5
labor market 6
Next Wave Ventures 255–6
in opportunity motivation 75
in patenting 154–6
phase, of entrepreneurship 74
in STEM fields entrepreneurship 303–4
theoretical foundation 253–5
Gender and entrepreneurial activity

variations, countries and regions 74

gender skewness 271
gender socialization theory 274
gender-specific stereotypes 122
Geneste, L. 96
Genet, C. 226
German Federal Office for Migration and Refugees 48
German political leadership 49
German ‘Wirtschaftswunder’ 46
Gicheva, D. 271–2
Global Entrepreneurship Index (GEI) 70, 78
comparing values, common countries 83–5
overachievers and underachievers 85–8
parsimonious models, comparison of 85
simple comparisons of 82
Global Entrepreneurship Monitor (GEM) 70
Gneezy, Uri 8
Goel, R.K. 77, 135, 224, 244
Göktepe-Hultén, D. 77
Gonzalez-Brambila, Claudia 133
Graham, J.R. 279
Graham, L. 134
greed tolerance 18
Greenberg, J. 273
Greene, Patricia G. 124, 271
Grilo, I. 298
guest workers 49
Gupta, Vishal K. 123, 222
Hackett, E.J. 221, 239
Hackett, Gail 126
Hallward-Driemeier, M. 176
Hamilton, Barton H. 128
Hapgood, Karen P. 130
Harding, Sandra G. 127, 128
Harrison, Richard T. 254, 266, 272
Hayter, Christopher S. 140
Henrekson, Magnus 32
Henry, R. 94
high-potential female owned firms 70
Huang, J. 272, 279
Hughes, K.D. 69
Hurst, Erik 15
immigrant employment 49
immigration, and entrepreneurship, Germany 48–56
innovation 2
innovation-driven economies 99
institutional factors 61
International Country Risk Guide (ICRG) 171
intersectionality theory 60
interviews 99, 101
Jacobs, Jerry A. 158
Jennings, J.E. 8, 69–70, 72, 75–6
Kahneman, Daniel 17, 18
Kalnins, A. 58, 98
Kauffman Firm Survey 252
Kauffman Foundation study 9
Kelchtermans, S. 296
Kelley, D.J. 72, 74, 76
Kidwell, Donna K. 226
Kiopa, Agrita 130
Kisgen, D.J. 272, 279
Knetsch, Jack 18
Knight, Frank 16
Knobloch-Westerwick, Silvia 128
Koellinger, Philipp 32
Koro-Ljungberg, Mirka 222
Krabel, Stefan 223
Kulis, Stephen 130
labor market 6
Langowitz, Nan 117, 119
Lazear, E. P. 291
Leahey, Erin 151
Levine, R. 291
Levin, S. G. 296
Ley, Timothy J. 128
Light, A. 291
Lileeva, A. 195
Link, A.N. 271, 272
Lissoni, F. 154
Li, Su 164
Ljunggren, Elisabet 272
Lloyd, A. 70, 78, 85–6
locus of control 18
Long, J. Scott 130
Index

Lorenzoni, Gianni 226
loss aversion 17
Low, A. 61
Lowe, Robert A. 133

male PIs 244, 245
Mangematin, V. 224, 226
Manolova, Tatiana S. 123
Marom, D. 273
Mason, Colin M. 254, 266, 272
McPherson, J. Miller 123
Meek, William R. 94, 95, 121
Menter, Matthias 225
Merchant, K.A. 274
Mickiewicz, T. 60, 169
migration
advantages of 46
and entrepreneurship, Germany 54–6
historical background and current situation 49–52
Minniti, M. 32, 70, 76, 117, 119, 290, 298, 305
Mitchell, Lesa 9
Mitra, J. 59, 62
Mollick, E. 273
Moog, Petra 224
Moss-Racusin, Corinne A. 127
motivation 94
Mueller, Stephen 8
Munk, R. 291
Murray, F. 134, 290

National Institutes of Health (NIH) 128
National Study of Postsecondary Faculty (NSOPF) 156
Naudé, W. 70, 76
Next Wave Ventures 255–6
non-academic actor networks 244
non-behavioral inhibition 18
non-entrepreneurial self-employment, psyche 28–31
non-equity crowdfunding campaigns 273
Nurman, Kadir 49

Oaxaca, Ronald 27
Oaxaca-type decomposition approach 290

Obama, Barack 2
O’Brien, Katherine R. 130
Odean, Terrance 272
O’Kane, C. 226
Olken, B. 176
O’Neil Lane, Eliesh 222
opportunity-cost awareness 18
opportunity recognition 95
Organisation for Economic Co-operation and Development (OECD) 1, 2, 46, 71, 275
Orser, Barbara J. 125
Pajares, Frank 127
Park, Shelley M. 128
Pavcnik, N. 195
personality traits 8, 17–19, 31
Piegeler, M. 32, 57
positive coefficient 19
principal investigators (PIs) 221, 222, 224–6
activities and role 230–33
commercial experience and research scope 228–30
commercialization and impact 233–9
descriptive statistics 227–39
ethos of science 245
methodology 227
project organization 244
securing public funding 246
probit regressions 19
productivity puzzle 151
protective males, cultural norm 62
psyche
and gender 19
and non-entrepreneurial self-employment 28–31
and self-employment 28–31
psychological traits
ambiguity aversion 39
civic mindedness 44
and entrepreneurship 19–25
fungibility of money 41
greed tolerance 41–2
happiness 45
illusion of control 41
locus of control 42–4
loss aversion 39
non-behavioral inhibition 44–5
numeracy 40
opportunity-cost awareness 41
risk aversion 38
time preference 39–40
trust in others 42
public services interruptions 177
Pugsley, Benjamin 15
qualitative interviews 59
Raijman, R. 60
Ram, R. 77
Rauf, A. 59, 62
recruitment countries 49
Reitan, Bjørnar 140
reward-based and equity-based
crowdfunding 274
Rising Tide Europe Fund 255
Rising Tide Program 252–68
characteristics of sample 257–8
motivations, expectations, and attitudes 258–63
research methods 256–7
Rising Tide U.S. Angel Training Fund (RTUSATF) 255–6
risk aversion 17, 25
Robb, Alicia M. 254, 256, 266
Robinson, David T. 32
robustness tests 25, 27
Rosa, P. 124, 133
Rosser, Sue V. 130, 222
Rubinstein, Y. 291
Sabarwal, S. 59
Salter, Ammon 135, 139
Schade, Christian 32
Schifano, Ross S. 127
science, technology, engineering, or math (STEM) field 152, 156, 159, 161, 164, 254
Scott, A. 92
Screening Across the Life-span Twin, Younger cohort (SALTY) survey 12, 16
Securities and Exchange Commission 256
Seker, M. 173
selective stylized propositions 70–77
self-efficacy 119–20
self-employment 6, 8–11, 31, 49, 55, 57, 290, 292
and entrepreneurship 15–17
and psyche 28–31
Semyonov, M. 60
Settles, Isis H. 132
sexism 123
Seymour, R.G. 71
Shane, S. 57
Shauman, Kimberlee A. 151, 154
Sheltzer, Jason M. 129
Siegel, Donald S. 223
Signori, A. 284
small- and medium-sized enterprises (SMEs) 92, 93, 96, 111, 112, 168, 178
Small Business Administration (SBA) 2
Small Business Innovation Research (SBIR) 75, 271
small business owners 92–112
apparel supply chain 97–9
background 93–9
gender, role of 94–7
geographic location 97–9
method 99–102
positioning the business 105–7
starting the business 102–5
sustaining the business 108–10
type of business 97–9
Smith-Doerr, Laurel 133, 135, 154, 224
Smith, Joan C. 129
Smith-Lovin, Lynn 123
social capital 255
social entrepreneurship 60
social feminism 283
social role theory, of leadership 274
society–immigrant integration problem 47
Sohl, Jeffrey E. 253, 266, 272
South Africa 93, 98
Spiggle, S. 101
STEM fields entrepreneurship 289–305
age and experience 296
business ownership and 303–4
citizenship and immigration status 296–7
data 292–4
degree field 294–6
descriptive statistics 292–4
empirical approach 291–4
family structure 297
Index

gender gap in 303–4
modeling approach 294–9
occupational preferences and job satisfaction 297–9
predictors of 300–304
training environments 299
Stephan, P. E. 296
Stephan, U. 60
Sternberg, R. 55
A Strategy for American Innovation 2
Stuart, Toby E. 290
successful offerings 280, 281
Sullivan, Diane M. 94–5, 121
Svejnar, J. 197
Svennson, J. 171, 175, 177, 181, 182, 198
Swamy, A. 171
Sweden 7
Swedish Twin Registry data sample 9, 12–15
Syria 51
Szerb, L. 71, 72, 85

Tartari, Valentina 135, 139
technology transfer offices (TTOs) 152, 223
Terjesen, S. 70, 78, 85–6
Terrell, K. 59
Thaler, Richard 18
Thirty Years’ War 49
Thomas, Anisya 8
Thurik, R. 298
Thursby, Jerry G. 133, 224
Thursby, Marie C. 133, 224
Tirri, Kirsi 222
Tonoyan, V. 176
top-level executive 292
total early-stage entrepreneurial activity (TEA) 73
Treaty of Rome 1
Trefler, D. 195
Tversky, Amos 17
twin dataset 12

unsuccessful offerings 280, 281
urbanization 79, 80
Van Biesebroeck, J. 195
van der Zwan, P. 169, 298

Venkataraman, S. 57
venture capital investing 253
Verheul, I. 8, 298
Veugelers, R. 296
Vismara, S. 274, 277, 278, 280, 281, 283, 284
Vorderwülbecke, A. 55
Wagner, Joachim 8
Wang, Y. 192, 195
Warnecke, T. 72
Weber, P. 96
Whittington, Kjersten Bunker 133–5, 154, 224
Williams, M. 58, 98
Williams, Wendy M. 129
Wilson, Fiona 119, 120
women 2, 7, 27, 31, 57–9, 117–18
and academic science 125–32
acquisition of entrepreneurial resources 95
customer-focused businesses 73
data and methods, patenting 156–8
in economic development 138
empirical opportunities 139–42
entrepreneurial participation rate 73
and entrepreneurship 118–25
equity financing 124–5
faculty and commercially oriented behavior 132–6
gender inequality, in academe 153
innovation 2
male-centric entrepreneurial environment 122–4
motivations and growth ambitions 121–2, 138
Muslim societies 61
overall female participation rate, entrepreneurship 74
patenting and 151–64
policy and organizations 139
policy makers and 2
productivity in academia, new form 152–3
self-efficacy 119–20, 138
self-employment 70
skills and preferences 58
Gender and entrepreneurial activity

triple disadvantage, immigration 60
vibrant ecosystem for 254
women faculty
and commercially oriented behavior 132–6
commercial opportunity structures, academia 134–5
consensus within literature 136–7
social networks 135–6, 138–9
traditional academic responsibilities 133–4
women-owned businesses (WOBs) 58, 93, 124, 125, 304

World Bank 1, 174, 176
World Value Survey 171
Wright, Mike 223
Xiao, Wenbin 134
Xie, Yu 151, 154
Yang, J.S. 173
You, J. 192, 195
Zeldin, Amy L. 127
Zhang, Zhen 8
Zucker, Lynne G. 139
Zuckerman, H. 151