

Subject Index

- American Silicon Valley *see also* Silicon Valley, 3–18, 21, 22, 25, 27, 28, 30, 57–59, 69, 74, 76–82, 86, 88, 93, 98, 147, 160, 164, 170, 172, 203–205, 207, 208, 210–214, 216, 217, 219, 220, 225, 226, 235, 238, 248, 251–254, 256–261, 264, 266–268, 270, 272, 286, 293, 296, 301, 327, 333, 334, 338, 339
- Angel investors, 28, 61, 62, 87, 90, 100, 102, 113, 173, 178, 182, 194, 217
- Bay Area model of VC investing, 178
- Bootstrapping, 180
- Business intelligence, 103, 111, 183
- California's Silicon Valley *see also* Silicon Valley, 225, 327
- Canada's National Capital Region *see also* National Capital Region (NCR), 14, 119, 223, 226, 228, 275
- Canadian Silicon Valley *see also* Silicon Valley North, 4, 15–17, 21, 204, 220
- Career orientations, 251, 265, 267–269
- Chance, 264–266, 333–335
- City-regions, 224, 225, 232, 236–238
- Cluster(s)
 economic, 16, 208, 211, 212
 in life sciences, 15, 59, 148, 160, 162
 in microelectronics, 15
 in photonics, 15
 in software, 15
 in telecommunications, 15, 208, 278
 industrial, 81, 112, 338
 innovative, 119, 138, 139
 product leadership, 119, 120, 122–127, 129, 130, 132–134, 136–139
 technology, 17, 30, 85–91, 95, 161, 275–277, 279, 280, 287–289, 311, 333, 334
- Cluster emergence and evolution, 146, 157
- Cluster legitimization, 143, 144
- Collaborative governance, 17, 234, 237, 311, 312
- Collective action, 143, 321
- Community economic development (CED), 17, 275, 280
- Compensatory mechanisms, 12, 14
- Competitive Advantage, 25, 37, 82, 89, 93, 122, 158, 176, 237, 313, 315, 335, 336
- Development
 economic, 3, 17, 27, 28, 57, 86, 98, 104, 105, 112, 203, 206–210, 220, 224–226, 228, 229, 241, 245, 247, 275, 279, 280, 282, 283, 287–289, 301, 312, 322
 local, 233
 regional, 120, 127, 139, 245, 248
 workforce, 17, 311–318, 321, 323–328
- Embeddedness of inter-firm transactions, 157
- Employee development, 251, 256, 260, 262, 265, 272
- Employment, 24, 41, 60, 66, 67, 69, 70, 72, 73, 77, 79, 87, 96, 99, 119, 123, 160, 204, 205, 208, 220, 227, 229, 230, 233, 245, 252, 266, 278, 282–285, 287, 304, 307, 315–317, 320
- Entrepreneurship
 visionary, 15, 21, 27, 30
- Excellence
 region of, 3, 14, 15
- Foreign-trained professionals, 229, 305, 308, 320, 323
- Gatineau
 city of, 58, 227, 228, 237, 241, 245, 246
- Government of Canada, 36, 37, 57, 60, 227, 228, 233, 295, 311, 323

- High technology, 4, 21, 63, 66, 87, 93–95, 149, 208, 227, 229, 232, 233, 243–245, 252, 260, 262, 327, 333, 334, 336–340
- Human capital, 89, 92, 123, 160, 226, 229, 235, 300, 312, 314, 323, 328
- Information, 7–9, 13, 22, 23, 31, 33–42, 44, 45, 48, 49, 51, 57–60, 65, 69, 72, 74, 90, 91, 93, 94, 103, 106, 120, 122, 123, 127, 131–133, 137, 138, 143, 145, 146, 149, 154, 157, 189, 193, 208–212, 215, 216, 224, 230, 243, 244, 246–248, 251, 252, 254, 255, 262, 263, 271, 272, 276, 288, 293, 294, 296–298, 312, 313, 315, 316, 318, 319, 321–323, 327, 334
- Innovation
 - continuous, 7, 57
 - level of, 57
 - strategy of, 81, 295, 326
- Knowledge-based economy, 3, 37, 57, 58, 149, 151, 224, 233, 234, 294–299, 308, 311, 312, 314
- Knowledge workers, 17, 251–257, 260–262, 264–270, 275, 276, 280–282, 284, 288, 289, 296, 297, 314, 315, 317, 318
- Labour force, 60, 62, 252, 255, 276, 278, 279, 287, 289, 294, 295, 297, 314–316
- Leadership
 - multi-sector, 17, 275, 281, 282, 288
 - product, 16, 119, 120, 122–130, 132, 133, 136–139
- Learning
 - continuous, 297, 315
 - regional, 17, 313
 - system of, 297, 308
- Module supply, 143, 162
- National Capital Region (NCR), 223, 278
- Network(s), 4, 7, 8, 12–16, 21, 26–30, 35–37, 39–46, 48, 50, 51, 61, 63–65, 69, 74–77, 82, 86, 88, 90, 92, 93, 95, 96, 98, 102, 106, 111, 121, 122, 133–135, 137, 138, 144–148, 150–152, 156, 157, 159, 162–164, 170, 171, 174–176, 181–183, 188, 192–194, 197, 199, 208, 209, 211, 215, 217, 225, 235, 247, 248, 276, 278–280, 282, 283, 287, 305, 313, 314, 318, 327, 334, 336
- Networking, 35, 59, 63, 86, 87, 89, 91–96, 103, 105, 112, 113, 149, 150, 153, 154, 156, 169, 190, 245, 282, 283, 318
- Ottawa
 - city of, 57–61, 228, 229, 233, 237, 241, 278, 280, 325, 326
- Ottawa Centre for Research and Innovation (OCRI), 57, 58, 148
- Oxfordshire, 16, 57, 74, 78–82
- O-Vitesse, 17, 293, 301, 302
- Product architecture, 144, 155–157, 159, 160, 162
- Product leadership, 16, 119, 120, 122–130, 132, 133, 136–139
- Product modularity, 157, 159
- Silicon Valley, 3–18, 21, 22, 25, 27, 28, 30, 57–59, 69, 74, 76–82, 86, 88, 93, 98, 147, 160, 164, 170, 172, 203–205, 207, 208, 210–214, 216, 217, 219, 220, 225, 226, 235, 238, 248, 251–254, 256–261, 264, 266–268, 270, 272, 286, 293, 296, 301, 327, 333, 334, 338, 339
- Silicon Valley North, 4, 14–18, 21, 25, 27, 28, 30, 57–59, 74, 76, 203–205, 207, 208, 210–214, 216, 217, 219, 220, 230, 235, 238, 248, 251–254, 256–261, 264, 266–268, 270, 272, 293, 300, 301, 333, 334, 339
- Skill(s),
 - development, 272
 - employability skills, 320, 321
 - industry skills, 320
 - skill identification, 321
- System integration, 143, 158, 164
- TalentWorks, 285, 311
- Technological path(s), 125, 129, 136, 138
- Technology transfer, 16, 131, 133, 203, 212–214, 217, 219, 220, 298
- Training, 17, 23, 24, 37, 124, 150, 152, 209, 212, 215, 217, 230, 244, 247, 251, 259–264, 267, 269, 271, 272,

- 275, 279, 282–285, 287–289,
297–299, 301, 302, 304, 305,
307–309, 312, 314–323, 325, 327, 334
- University
 - Carleton, 15, 16, 23, 33, 34, 38–45, 47,
48, 50, 58, 81, 182, 203–207,
211–220, 302, 304
 - of Ottawa, 16, 40, 41, 50, 58, 61, 73, 81,
153, 163, 203–207, 211–220, 302,
304, 312, 318
- Université
 - du Québec en Outaouais (UQO), 245,
248, 249
- Venture capital (VC)
 - investment cycle, 16, 26, 27, 61, 69, 98,
110, 168, 172, 175–177, 180–182,
188, 191, 194, 198, 317
 - new venture financing, 173
- Volatility, 7, 17, 227, 238, 275, 277, 281,
282, 284, 285, 288, 325
- Wired City Simulation Laboratory, 15, 33,
34, 40–42, 47, 48, 51
- Wired Scientific City network, 40, 50
- Workforce Agency of Ottawa (WAO),
322
- Workforce performance data, 321