Index

academia 38–9, 41–2, 47, 49, 139  
focus on content and theory in 79–80  
‘intellectual bureaucracy’ of 23–4  
tenure 23–4

Academic Intellectual Entrepreneurs (AIEs) 23–4  
concept of 18–20  
use of experiential learning 21–2  
use of interdisciplinarity 21  
accountability 18  
affective domain 70–71  
AIE see Academic Intellectual Entrepreneurs

Amabile, T. M. xviii, 89  
American Council of Learned Societies (ACLS) 43  
analytical problem-solving (APS)  
difference to CPS 90

animation  
concept of 22

art and science xv, 105–6, 112–13

Association of American Colleges and Universities (AAC&U)  
Conference (2011) 37, 42

Bakhtin, Mikhail  
communication chain theory 118–19  
Novy Mir 120

Becker, Carol 14–15  
Beckman, Gary  
concept of ‘intellectual entrepreneurship’ (IE) 79, 86

Berrigan, Caitlin  
background of 110  
Viral Confections (2006–7) 110, 112

Black, John  
classroom computer games  
developed by 62

Bok, Derek 36–7  
Our Underachieving Colleges (2005) 36

Bornstein, David 11  
brain mapping 66

Brönte sisters  
childhood of 57–8

Burgan, Mary 19  
business communication 117

Center for Creative Leadership 154–6  
Boundary-Spanning Leadership 159  
Creative Leadership Conversations 158

collection agents 38–9, 122

Chaucer, Geoffrey  
Canterbury Tales, The 166

Cherwitz, Richard  
concept of ‘intellectual entrepreneurship’ 19–20, 79, 86

Chile  
Servicio Pais 158

citizenship 147  
concepts of 144  
creative 147  
potential relationship with ICT 144–50

clorpt  
concept of 27

clustering 132–4, 138–9  
concept of 128, 130  
relationship with creativity 131  
cognitive shift 124

Cold War 168

Coleridge, Derwent  
family of 59

collaboration 120–21, 131  
intercultural 120–23  
processes of 117–19  
role of Self/Other relations in 119–20, 124

collaboratories 10
creativity 3–5, 10, 14–15, 77–8
entrepreneurship xv–xvi, xviii, xxiii,

domain-specific nature of
creative thinking and creative
performance 39

group 89

higher order 11
individual 88

influences on 8–9

innovation xiv, 6, 122–4, 131

interdisciplinary 105

obstacles in geographically

fragmented environments

127–8

organizational 88–9, 100

productive 59

qualitative methods 5

role of clustering in 131

role of education in 5–6, 10, 64

scientific 105

social perceptions of 78

stimulation of 82

studies 7

team-based 100

team creativity as conflict 92–3

teatrty pedagogy xix, 5

teachtivity techniques 7

teachtivity theory 8–9

Csikszentmihalyi, Mihalyi 22, 45

CTD see creative team dynamics

Czech Republic

Prague 166

Prague Spring (1968) 168

Velvet Revolution (1989) 168

dance 70–71, 73

contemporary 73

improvisation 69, 73

potential use as neurorehabilitation

agent 72–3

relationship with MNS 68–9, 71–3

Davis, James

Interdisciplinary Courses and Team

Teaching (1995) 44

Descartes, René 66
design xiv, xxi, 4, 6, 9, 10, 12, 13, 14,
21, 42, 45, 47, 59, 60, 62, 63, 81,
82, 89, 90, 95, 96, 98, 105, 106,
108, 146

and innovation xv, xxiii, 11
Index

Dewey, John 142, 144–5
theories of communication 147
disciplinary immigrants 107

Edwards, David xv
background of xv
embodiment
concept of 66–7
shared action 69
emotional intelligence 154–5, 160
disciplinary immigrants 107
empathy 154–5, 159
concepts of 152–3
development of 156, 159–60
enacting change 155–6
human need for 153–5
theories of communication 147
enterprise society 6
entrepreneurial xv, xvi, xviii, xxi, xxii, xxi,
3, 4, 5, 6, 9, 11, 13, 14, 19, 20, 23,
24, 37, 77, 80, 84, 86, 131, 169
action 9, 39
activities 5, 19, 86
behaviors xxiii
engagement 3
exercises 82
innovation 6
literacy 20
management 24
outcomes 13
practices 39
processes xvi, 20
restructuring of models of higher
education 39
skill sets 78, 86
strategies 38, 47
thinking xxi
thought patterns 87
ventures xiv
entrepreneurial xv–xvi, xx, xxiii, 4–5,
9–10, 14, 18–21, 24, 77, 80, 87
academia as an environment for 23
and business 14
and creativity xv–xvi, xviii, xxiii,
3–5, 10, 14–15, 77–8
and creative cognition 78–80
and critical discourse 9
and social enterprise 5, 12

Goleman, Daniel

concepts of xiv, xviii–xix, xx–xxi
focus on practical applications xv
hero-entrepreneur 7
innovation and xiv
intellectual 19–20, 79, 86
models of xv
pedagogy and curricula xix
practice across disciplinary domains
xvii
social xiv, 6, 9, 11, 14, 37–9, 42, 47,
49, 93
traditional business models of xiv
transformative nature of 37
enterprise society 6
European Consortium for Humanities
Institutes and Centres 41
Environment Initiative 48
European Science Foundation 41, 48
European Union (EU) 117–18, 120
eventcore 32
corporate 32
diagrams 31–2
experiential learning theory 22
concept of 21

Farrell, Michael
Collaborative Circles: Friendship
Dynamics and Creative Work
(2001) 44

Fish, Prof Stanley
Save the World on Your Own Time
(2008) 163
France
Paris xv
Frankel, Felice
Image and Meaning (IM) initiative
108–9
Friedman, Thomas
theories of 117, 163
generative creativity 72–3
Gergen, Christopher
Life Entrepreneurs (2008) 154
Germany
Tubingen 153
Gilham, Prof Jane
Penn Resiliency Program 167–8
Goleman, Daniel
concepts of empathy 153–4
Gladwell, Malcolm 139
global mindset 120–22, 123, 124
Greenberg Millennial Survey
findings of 163–4
Guare, John
_Six Degrees of Separation_ (1990) 127
Guiliani, Rudy 156

Harvard University
faculty of 36
general education courses 36
_Idea Translation Laboratory_ 89, 91, 93
Hayward, Tony
Chief executive officer of BP 155–6
humanism 48

ICT _see_ information and communication technologies
IDEO 89
personnel of 91, 97–8
identity mapping 156–7
IE 19
IM _see_ image and meaning
image and meaning (IM) 108–9
India 20, 22, 117, 120
information and communication technologies (ICT) 141, 145
community interaction and civic engagement 143
creative use of 141–3, 145–6, 149
effect on human interaction 142–3
identity politics of 145–6
potential use by citizenry 142–3, 145–50
innovation _xiv, xv, xxii_, 4, 11, 15
collaborative design 12, 13
cultural innovation and entrepreneurship 9
curriculum 5
entrepreneurial 6
social _xvi_
intention
neurological concept of 69–70
intercollaboration 119–20
intracollaboration 119
intercultural maturity 121, 122, 124
interdisciplinarity 18, 23, 36, 40–44, 46, 105–6, 109
artistic 110, 113
as multidisciplinary 40
creative 105
disciplinary identity 106–7
disciplinary immigrants 107–9
models of 48
role in higher education 39–40, 43–5
scientific 110, 113
strategies 45
use by AIEs 21
International Council of Science 48
International Social Sciences Council 48
Iraq
Operation Iraqi Freedom (2003–11) 32
Italy
Parma 153
Jayadev, Raj
founder of _Silicon Valley De-Bug_ 149
Jenny, Hans 29–31
clorpt model for soil-forming factors 26–7
John T. and Catherine D. MacArthur Foundation 59
Karinthy, Frigyes
‘Láncszemek’ [‘Chains’] (1929) 127
Kenya 157
kinaesthetic intelligence
concept of 67
element models of 68
kinaesthetic resonance 71
Klein, Julie Thompson
_Humanities, Culture and Interdisciplinarity: The Changing American Academy_ (2005) 44
Kleinfeld, Judith
identification of potential bias in _Nebraska Study_ 127–8
Knight Commission on the Information Needs of Local Communities in a Democracy 149
Kuhn, Thomas
concept of ‘paradigm’ 106–7
Index

LaFrance, Noémie 150
Agora (2005) 148–9
Agora II (2006) 143, 148–9
Learning and Teaching Scotland Consolarium, The 62
Leth, Jørgen
Perfect Human, The (1967) 45
lifecore 32
concept of 31
diagrams 31–2
Loori, John Daido

Management for Organization and Human Development (MOHD) 120
Mars Millennium Project 62
Massachusetts Institute of Technology (MIT)
faculty of 64
Media Laboratory 64
McLerran, Alice
Roxaboxen (1991) 61–2
microenterprise xiv, 11
Milgram, Stanley
Nebraska Study (1967) 127–8
mirror neuron system (MNS) 68–9, 73
concept of 66–7, 70–71
deficits of 70–71
premotor cortex 69, 153
relationship with dance 68–9, 71–3
role in language development 71
role in motor recovery rehabilitation 66–7, 72
MNS see mirror neuron system
modelling
development of 58–9
Moses, Robert 148
motor contagion 69
movement experience 67
multidisciplinary 123–4
as interdisciplinarity 40
Murphy, Richard

National Endowment for the Humanities (NEH) National Science Foundation 48
neuroaesthetics 69
Nussbaum, Martha
Not For Profit, Why Democracy Needs the Humanities (2010) 42
Obama, Barack
commencement speech at Northwestern University (2006) 153
von Osten, Marion 7
Pentecost, Claire 109–10
postdisciplinary xix, xxii, xxiii, 5, 40, 41, 105
practice-led research 5, 8
public engagement xv, xxi, xxii, 6, 37, 38, 39, 43, 47, 48, 112
public life xx, xxi, 5, 14, 47
stewards 10

qualitative research 8, 48

reference slide 32–3
personal 33
purpose of 32
scientific 32–3
Reivich, Prof Karen
Penn Resiliency Program 167–8
Resnick, Mitchel 64
Rwanda 158

Salen, Katie
Quest to Learn 63
Schumpeter, Joseph
concept of ‘hero-entrepreneur’ 7
Second World War (1939–45) 163
Self/Other relations 12–13, 119–20
role in collaboration 119–20, 124
Sen, Amartya 156
Shaw, George Bernard 168
simulated networks 132–4
small-world metrics 129
small-world networks 127, 131, 134–6
research collaboration 136–9
Snow, C.P.
concept of ‘two cultures’ 106
social entrepreneurship xiv, 6, 9, 11, 14, 37–9, 42, 47, 49, 93
interdisciplinarity 39–42, 49
pedagogy 166–8
social change 37–8
the transformation of higher education 38–9, 42–3, 47–8, 168–9
training social entrepreneurs 162–4
social enterprise xiv, 5, 12
soil science 26–31
deposition 30–31
relief (topography) 29
role of organisms in 29
time 29
Soviet Union (USSR) 169
collapse of (1991) 168
Sudan 159
Sullivan, Graeme
Art Practice as Research (2005) 14

Teaching Creativity in Higher Education: Current Trends and Critical Encounters (2011)
purpose of xviii
team dynamics
dismissing dynamics 93–5
empathizing dynamics 98–9, 101
indecisive dynamics 95–6
optimal patterns 100
less optimal patterns 100–101
partnering dynamics 93
worrying dynamics 96–7
technology 18, 77–8
potential use in promotion of small-worldness 139
role in community relations 142
theatre 80, 81, 82, 86, 143, 146
Thompson, Robert J. 37
‘Transform America’ (2005) 168–9
transdisciplinary xx, 4, 5, 9, 14, 40
transformative action
principles of 164–5
social aikido 164–5
transformative education 168–9
transformative practice 12–13
Von Trier, Lars
Five Obstructions, The (2003) 45

United Kingdom (UK) 120
education system of 61
United States of America (USA) xvii, xxii, 7, 22, 86, 117, 124

9/11 attacks 32, 156
Constitution of 144
Deepwater Horizon disaster (2010) 155–6
Duke University 37
education system of 19, 60–61
Hurricane Katrina (2005) 159
Ivy League system 162
Michigan State University (MSU) 59
National Commission on Entrepreneurship 77
Stanford University 40
Supreme Court 144, 164
Wall Street 79
University of Washington
Bothell campus 44

Vanourek, Gregg
Life Entrepreneurs (2008) 154
Visible Fictions Theatre Company
State of Emergency 61
visualization
role in stroke victim recovery therapies 72
Viswanathan, Madhu 20–23

Wake Forest School of Medicine 132–4, 136
Wake Forest University 131–2, 136, 138
hierarchical networks in 131–6
Humanities Institute 43
Ward, Thomas
proposed redefinition of creativity 78
Web 2.0 xxii
West, et al. 2009 xviii
worldplay xxi
concept of 55–6
childhood 55–7
creative benefits of 57–8, 60–61, 64
educational 60–62
examples of 57–8
mature 55
natural 55, 60
use of video game format in 62–4

Young, Iris Marion 142
theories of citizenship 147