Index

A	and partnership science 75
academic disciplines	partnership perspectives in 75 Black, Edwin
and gender associations 69	IBM and the Holocaust 181
hard sciences 69	Bretton Woods institutions 173
soft sciences 69	Bronfenbrenner, Uri
advertising	on human development 76
stereotypes and 44	Browne, Marjorie Lee 151
African American women	Browne, marjorie Bee 131
access to education 151	\mathbf{C}
Agnesi, Maria 148	t. 1*
Anzaldua, Gloria	capitalism
borderlands perspective 72	emergence of 165
Arditti, Rita	problems with 245
on new vision of science 70	career choice
Searching for Life 255	influences on 91
D	Wired women writers view of 106
В	Carmille, Rene 185
Babbage, Charles 148	Carter, Jimmy
backlash	Our endangered values 262 China
and video games 134	C11111W
definition of 2	degreed workers compared to U.S. 179
Bacon, Francis	economic growth in 179
dualism 63	growth of foreign investments in 179
Barbie PC 55	iPod City story 180
Beauty Myth, The 46	IT development in 179
biology	manufacturing in 179 Cialdini, Robert 41
and dominatior science 75	Clarke, Edith 148
	CIAING, FAHIH 140

collaborative learning	degrees in IT-related fields
benefits of 221, 222	percentage of women xiv, 158
strategies for computer science classes	percentage people of color xiv
222	developmental psychology
Collins, Patricia Hill	Uri Bronfenbrenner on 76
insider-outsider perspective 72	dialogic process 200
colonialism	disciplinary divide xvi
and scientific development 170	dominator economics
influence on Indian IT 178	and global poverty 181
communication	characteristics of 243
intercultural 196	IBM and the Holocaust 181
communication style	dominator system
and online communication 125	and postcolonial studies 170
context and 125	characteristics of 8, 266
culture and 123	economic values and 165
gender and 122	family systems 270
gender and, table 125	knowledge tradition and 144
in dialogic process 200	media metaphors and 88
men 123	research funding and 166
nonviolent 201	ways of knowing and 144
partnership 195	double-bind 19
voice and silence 196	Duncan, Emily 148
women 123	_
computer access	\mathbf{E}
computer development	education
cultural influences on 66	access for African-American women 151
computer use	anti-racist science 71
connect! magazine 203	barriers for women in IT 218
consensus conference 252	partnership relations 199
convents	partnership strategies 213
and women's education 148	reasons women leave science 263
cultural appropriation 45	retention of women in IT 200
and scientific development 171	single-sex learning 150
culture	strategies for inclusive science and IT
and gender 122	215
and language 122	women's access to college 150
communication style and 123	women's access to public school 149
voice, silence and 196	Eisler, Riane
D	dominator system, 7
D	on dominator and partnership societies
Darwin, Charles	266
on love 75	on global economics 165
on moral sensitivity 75	on globalization 261
Origin of Species 75	on partnership technology 74
The Descent of Man 75	on philosophy of science 64
de Breuteuil, Emilie 148	
uc Dicuteun, Emme 140	
de Dieuteun, Emme 146	partnership system 7 Power of Partnership, The 270

Real Wealth of Nations, The 165	salary inequities 158
systems science 7	single-sex learning 150
emotion	socialization 38
and science 67	video games and 131, 132
employment	global economics
historical trends for women in science	and social issues worldwide 242
156	and U.S. economic policy 174
influence of World War II on women 157	defense v. education spending 244
ENIAC 157	GDP 244
Eurocentrism	grassroots globalism 248
influence on science and technology	India and 178
171	influence of TNCs on 175
evolution	Joseph Stiglitz on 251
and social Darwinism 75	Marilyn Waring on 250
Charles Darwin on 75	offshoring 177
Jean-Baptiste Lamarck on 75	partnerism 243
survival of the fittest view of 75	Riane Eisler on 243
systems view of 75	Wal-Mart story and 175
F	globalization
1	and geoeconomic restructuring 251 first wave of 172
feminism	
backlash against 2	poverty and 180 primary drivers of 174
definition of 5	second wave of 173
not about equality 9	third wave of 174
stereotypes of 2	good science
Wired, women writers view of 105	redefined 72
women's ambivalence toward 3	Granville, Evelyn Boyd 151
feminists	gross domestic product 244
at MIT 2	gross domestic product 2
stereotypes of 2	Н
Fiorina, Carly 20	H 1. C 1
G	Harding, Sandra
J	on democratic science 71
Gates, Bill 169	on scientific method 67
Gates Foundation, The Bill and Melinda	on universality ideal 73 hard sciences 69
values of 169	HBCUs 151, 264
gender	her-story
and academic disciplines 69	of women Biblical scholars 145
and communication style 122	of women in SMET 147
and learning styles 68	Hildegarde of Bingen 147
and online communication 126	home economics 153
blue for boys 38	hooks, bell
characteristics of femaleness 39	reason for pseudonym 197
characteristics of maleness 39	view from the margins 72
Pat and Chris sketches 40	Hopper, Grace Murray 148
pink for girls 38	Tropper, Grace manager 1

Hot Wheels PC 55 Hypatia 147	L
I "ism" family 275 IBM and the Holocaust 181 and the U.S. in World War II 185 identity Bronfenbrenner on 17 influences on 16 India influence of colonialism on 178 IT development 178 knowledge workers and 178 Silicon Valley of 178 International Monetary Fund. See Bretton Woods institutions Internet and global sex trade 245 and global terrorism 244 and human trafficking 245 Internet access barriers to xvi by education xiv by income xiii	Ladd-Franklin, Christine 156 language and culture 122 and gender 122 and partnership 195 iceberg metaphor 195 metaphors for science and nature 130 leadership correlations with maleness 19 learning styles abstract 69 and gender 68 and science teaching 68 concrete 69 Lerner, Gerda 6 Creation of Feminist Consciousness, The 145 linkages in communication 199 Literacy Project 255 living-learning programs 265 Lovelace, Augusta Ada Byron 148 Loye, David on Darwin 75 Lyon, Mary 150
by race xii iPod City story 180 IT culture influences on women 128 male-centered characteristics of 125 metaphors of dominance and violence and 130 sexual objectification of women 135 video game violence and 130 women's perceptions of 129 J Jackson, Shirley Ann 152, 154 K Keller, Evelyn Fox on new philosophy of science 70 Kuhn, Thomas 74	matrilineal societies 7 McClintock, Barbara 68 media alternative media sources 274 images of women in science and IT 89 metaphors for science 88 ownership of 86 meditation on difference 271 to identify stereotypes 270 men communication style 123 Merchant, Carolyn Death of Nature, The 63 Meyer, Maria Goeppart 157 mindfulness 272 MIT history of women at 152

images of women at 90	in chemistry 230
stories of women at 128	inclusive courses 227
	inclusive programs 227
N	in computer science 228
nature	journals 225
gendered female 63	listening from the heart 223
metaphors for 65, 130	teacher-student relationships 218
nature/nurture debate 12	teacher education and 217
	teachers and 216
nonviolent communication 201, 273	transformational potential 219
0	UW Women in Science Program 232
	ways of knowing 214
objectivity	partnership system
and journalism 88	alternative media 274
and science 65	characteristics of
Harding and "strong objectivity" 66	8, 195, 213, 240, 266
offshoring	empathy and caregiving 268
and global poverty 180	hierarchies of actualization 267
IT jobs 177	imagining earth as living organism 269
one laptop per child program 247	in communication 200
online communication	in education 213
and gender 125, 126	in global IT business 240
studies on gendered style of 127	in media 203
D.	language characteristics of 195
P	leaders who inspire 269
Pape-Carpantier, Marie 148	linkages and relationships in 199
partnerism 243	linking and connecting 268
characteristics of 246	media characteristics of 195
SAS Institute 246	mindfulness and 272
steps toward 246	nonviolence 268
partnership business 240	strategies for creating 265
characteristics of 242	trust and respect 267
cognitive justice 254	ways of knowing 214
Danish Board of Technology 252	partnership science
examples for global IT 249	biology 75
global IT and social change 250	Charles Darwin and 75
IT policy making 252	Jean-Baptiste Lamarck and 75
partnerism economics 243	psychology 76
WSIS 249	partnership society
partnership education 213	description of 29
Carnegie Mellon program 232	Path, Merit 147
collaborative learning 220	patriarchy
EDGE program 233	characteristics of 10
evaluation measures 223	creation of 6
GEMS program 230	definition of 5
Grace Hopper Scholars Program 232	Patrick, Jennie 155
in biology 228	

PeaceBuilders	S
and prosocial modeling 277 philosophy of science Evelyn Fox Keller on 70 partnership perspectives on 70, 73, 77 Riane Eisler on 74 Sandra Harding on 66, 67, 71, 72 physics partnership perspectives in 76 political correctness dominator language and 120 freedom of speech and 121 why it matters 120 power-within 216 power over 10 power with 10 Prestowitz, Clyde Three Billion New Capitalists 172 privilege characteristics of 11 why you don't see it 11 prosocial modeling 277 psychology partnership perspectives in 76	salary inequities Equal Pay Act 24 family care and 26 gender and 25 ghettoization of teaching 156 negotiation and 124 race and 158 SAS Institute 246 science and emotion 67 and objectivity 65 and social context 73 and universality ideal 73 associated with machine 65 dominating nature 65 education 71 frontier metaphor for 88 gendered male 64 metaphors for 65, 130 science wars xix sex objectification of women 135
R	sexual objectification stories of 135
and science 22 and scientific research funding 168 and whiteness 49 privilege 23 salary inequities 158 social construction of 23 unemployment and 24 research funding xxiii and dominator values 166 influence of race on 168 influence on knowledge creation 167 reverse discrimination 11 role models 200 Rosenberg, Marshall on nonviolent communication 201, 273 Rossiter, Margaret history of women in science 149	sex v. gender 13 Shiva, Vandana 167 social institutions maleness as norm 40 social interaction principle of authority 43 principle of commitment 42 principle of liking 43 principle of reciprocation 42 principle of social proof 42 principle of social proof 42 principles of 41 socialism emergence of 165 problems with 245 social location 5 influences on 16 soft sciences 69 Spender, Dale xi Starhawk meditation on difference 271

<i>Truth or Dare</i> 271	universality ideal
academic performance and 54	and science 73
advertising and 41	problems with 73
Barbie PC 55	
body image and 46	V
historical magazine covers and 44	video games 131, 132
humor and 43	backlash and 134
identifying 270	Her Interactive and 132
images of women in science and IT 91	influence of violence on women 131
influence of 41	Lara Croft 132
influences on career choice 91	Myst 134
Maclean's magazine study 45	nonviolent, gender-neutral 133
negative influence on body image 52	sex and 130
of African-American women 48	Super Metroid 132
of American Indians 47	The Sims 134
of Asian-Americans 50	violence and 130
of race 47	violence
of women 47	IT culture and 130
of women in computing 54	television 134
sexual aggression and 53	video games 130
stereotype threat 54	voice and silence
Stiglitz, Joseph	influence of culture on 196
on global economics 251	
Summers, Lawrence	\mathbf{W}
comments on absence of women in sci-	Wol Most 175
ence xxiv	Wal-Mart 175
Swallow, Ellen 152	Waring, Marilyn 166 bubble up economic framework 250
T	ways of knowing
1	connected knowing 215
Takaki, Ronald	dominator model and 144
taxicab story 27	partnership 214
Tapputi-Belatekallim 147	separate knowing 214
technology	wealthiest
partnership perspectives on 74	Americans xii
Telecommunications Act, 1996 86	companies worldwide 87
Theano 147	countries, global shifts in 172
TNCs	non-profits in U.S. 242
influence on global economics 175	technology company owners 86
media companies 87	TNCs worldwide 175
negative impact on IT 176	Willard, Emma 150
offshoring and impact on IT 176	Wired magazine
wealth of 175	articles about women by men 97
U	articles about women by women 100
C	brief history of 93
Uganda	influence of Condé Nast purchase on 111
and global IT 249	original mission 94

sale to Condé Nast 96 knowledge tradition and 144 sex and violence on covers 96 Nobel Prize winners 89 women writers view of 104 sexual objectification of 135 women in science Wolf, Naomi 46 women barriers to employment 156 academic confidence gap 129 home economics 153 access to college education 150 influences on history of participation 149 World Bank. See Bretton Woods instituaccess to public education 149 African-American access to education tions 151 World War II and Rene Carmille 185 and IT culture 128 and video games 131 IBM and the Holocaust 181 Biblical scholars 145 IBM and the U.S. war effort 185 communication style 123 influence on research funding 167 convent education 148 influence on women in science 157 history of, in science 147 WSIS 249