Abney, P.C. 163
absenteeism 9, 441
acute stress 33, 137
adventurousness 314–15
acute stress 33, 137
affective rumination 493
age factors 52, 54, 74, 300, 457
duration of job tenure and 55, 188
agricultural occupations see farm entrepreneurs
Aiken, G.J.M. 294
airline pilots 95
Akande, A. 375
Al-Mohannadi, A. 166
alcohol consumption 114–15, 294, 342, 417, 439
of social service clients 471
Aleperov, I.I. 296
Alexander, R.E. 115, 126
alexithymia 149
Alpass, F. 388
Alston, M. 388
Alvarez, H.K. 169
American College of Surgeons 34
anaesthetists 39
anxiety 342, 490
cognitive anxiety 413–14
inverted-U hypothesis 413
multidimensional anxiety theory 413
somatic anxiety 342, 413
Apostolopoulos, Y. 431
approach strategy 458
Armstrong, G.S. 245, 280–81
athletes see sport participants
attachment theory 148–9
Aubé, C. 247, 249, 262
Australia
remote area nursing see remote area nursing (RAN)
studies on correctional officers 244, 246, 270–71
studies in dentistry 114–15
studies in emergency services 206–7, 222
studies in farming 388, 392, 396
intervention programme 395
studies in medical occupations 59, 97
studies in teaching 165, 167, 168
head teachers 178
Australian Nursing Federation (ANF) 22, 24
autogenic training (AT) 235
autonomy/control
bureaucracy and 59–60, 209
intellectual discretion 138
burnout risk 56
decision latitude (DL) 433–4
effect on weight status 330–31
emotion, and illusion of 345–5
Health and Safety standard 347–8
importance of, to entrepreneurs 364–5
and failure to delegate 365, 374
studies in well-being 246, 342
avoidant behaviour 148–9, 301, 458, 493
Baas, M. 493
Bacharach, S.B. 222, 223, 228, 229
background work 476
Baines, D. 472, 476
Bakker, A.B. 24
Balch, M.J. 457–8
Bann, S. 39
Benfari, R. 362
Berninger, A. 228, 229
Berthelsen, H. 113, 122
Betoret, F.D. 170
Bevan, A. 245–6, 257
Billingham, J. 79
Binkley, M. 313–14, 316
Bolino, M.C. 360, 374
Booth, N.J. 388
Borea, G. 112
Botha, C. 274–5
Bourbonnais, R. 261–2
et al. (2007) 244, 245, 246, 261–2, 269–70
Bowers, L. 248, 275–8
Boyd, C.P. 396
Boyd, D.P. 361, 372–3
Bradly, D.E. 361
Brand, H.S. 111–12
Brazil
studies on commercial drivers 436
studies in fishing industry 312
studies in medical occupations 99
Brodsgaard, I. 110, 111, 117, 118–19
Brookes, B. 22
Brough, P. 244, 246, 270–71
Bryant and colleagues 222, 223
bullying
  consequences of, on target 7–8
  absenteeism 9
  productivity 9
  consequences of, on witnesses 8–9
  development of 6–7
  distinguishing characteristics 7
  examples 7
  Health and Safety standard 348
see also incivility
Burke, F.J. 113
burnout
  definition/description 53, 73
  among dentists 113–14
  job satisfaction relationship 58–60
  strategies to prevent stress effects 61–3
  among medical interns 94
  reduction strategies 99–100
  among psychiatrists 53–7
  perceived organizational factors 56
  personal characteristics and 55
  among the socially marginalized 475
  among sport officials 457–8
  among surgeons 34–5, 38
  among teachers 167
see also stress
Bush Support Services (BSS) 26–7
Caldwell, K. 396
Canada
  nonprofit sector (NPS) 469, 479
  studies in 471
  studies on correctional officers 241, 261–2
    Bourbonnais’ 146, 244, 245, 261–2, 269–70
    Rousseau’s 246–7, 249, 265, 269
  studies in emergency services 207, 209–10, 211–12
  studies in farming 391–2
  studies in medical occupations 58
  studies on sport officials 457
  studies in teaching 163, 165
Canty, J.M. 37
Capel, S. 166
cardiac autonomic nervous activity 235
Caribbean, studies in fishing industry 317–18
carpenters 329
Chambers, D.W. 124
Chaplain’s study, 183
Chartered Institute of Personnel and Development 351–2
Chay, Y.W. 373
Chen, W.-Q 293, 295
Chen, Y.-S 222–3, 226, 301
child welfare
  for entrepreneurial parents 376
  practice challenges 76–7, 144, 470
  violence 472–4
China
  studies in farming 392
  studies on oil rig workers 299, 301
Chmiel, N. 346
chronic stress 137
Cieslak, R. 244, 248, 249, 266–7
Clore, P. 470–71
Clunies-Ross, P. 168
Coates, J.M. 343
Code, S.L. 378
cognitive anxiety 413–14
cognitive restructuring 121, 374
cognitive-behavioural therapy (CBT) 141–2, 151, 419, 421
Collins, S.C. 277
communication
  job performance and 245–6
  macho behaviour and 303
  medical non-technical errors and 39
  work group cohesion 56–7
see also emotional suppression
communication technology 488–9
compassion fatigue (CF) 72, 73
compassionate identification 206
compensation 477–8
Compton, W.M. 78
control see autonomy/control
Cooper, C.L. 55, 293, 294, 298, 301, 302, 352
  ‘Mental health, job satisfaction, alcohol intake and occupational stress among dealers in financial markets’ 339–44, 345
  ‘Occupational stress in head teachers: a national UK study’ 181–2, 183, 185
Corah, N.L. 121
correctional officers (COs) 241–50
  future study recommendations 150
  studies, methodological failings 242, 249
  studies, systematic review and results 243–4
  attitudes to work 247–8
  autonomy/control 246
  employer justice 246–7
  information/performance 245–6
  limitation of review 249–50
  low rewards 245
  objective associative characteristics 248–9
  personality factors 248
  role difficulties 245
  time pressure/workload 246
Corrigan, M. 228, 229, 235
Coulter, M.A. 163
counselors 235, 474
Index

Covell, K. 169–70
creativity 362–3, 493
Crisp, A.H. 342
Critical Incident Stress Management (CISM) 139–40
critical incidents in emergency medical services Critical Incident Stress Debriefing (CISD) 139–41
intervention strategies 141–2
research into support responses 142–50
emotional inventory development 144–5
factoring in risk 147–50
identifying critical incidents 143–4
by recovery from post-incident distress 146–7
see also traumatic events; violent incidents
Croyley, Mark 487, 492, 494–5
cross-sectional based methodology 249
Crown, C. 342
cultural differences 299
Cuskelly, G. 461
Dade-Smith, J. 18
Daniel, J. 455
Dasvaoglou, A.M. 165
Deacon, J. 457
Deary, I.J. 55, 388
debriefing 139–41, 234
decision latitude (DL) 433–4
Deepwater Horizon explosion 192
demands upon oneself 164, 301, 326, 372–3
Denmark, studies in dentistry 110, 111, 113, 114, 117–19, 122–4
dentists
causes of stress 109–10, 118
injection administration 111
self-image and patient expectation 122–5
workload 112
and economic pressure 119
consequences of stress
alcohol and substance abuse 114–15
physiological evidence 111–13
suicide risk 115–16
to patients: labeling effects 116–19
military dentists 111
personal coping strategies 119–22
socialization and values training 125
time/money management 125–6
depersonalization (DP) 54
depression 93, 222, 436
detachment 494–5
Devine, C.M. 330–31
Diagnostic and Statistical Manual 138
Diagnostic and Statistical Manual of Mental Disorder 8
Dial, K.C. 248, 257
display screen equipment 344
dissatisfaction see job (dis)satisfaction
Dollard, Maureen F. 16, 24
Dorsch, K.D. 461
Down, C. 241–2
drivers 329
accidents and crashes 439–40
interventions
organizational 442–3
targeted 441–2
mental health problems 436
organizational factors
deregulation/increased competition 435
Hours of Service (HoS) 435–6
responsibilities 435
theoretical perspective on environment 431–2
Demand–Control Model 433–4
Effort–Reward Imbalance Model 433
Person–Environment Fit Model 432–3
drugs 416–18, 439–40
Earley, P. 181
Earnshaw, J. 352
education, its effect on perception 390
education in business choice 376
education in stress control 151–2, 442, 461–2
education see head teachers; teachers; training, occupational
Effort–Reward Imbalance (ERI) Model 433
Ely, R.J. 303
emergency services see emergency medical technicians and paramedics; fire fighters; oil rig rescue workers; police
emergency medical technicians and paramedics
causes of stress
critical incidents 138–9
course of recovery 146–7
debriefing (CISD) controversy 139–41
identifying 143–4
inventory of emotions 144–5
operational 137, 205–6
personal factors and 206–8
organizational 137–8, 208–10
effects of stress 136–7, 202–4
on families 204
on performance 211–12, 213
history and nature of profession 135–6
debriefing 139

Janice Langan-Fox and Cary Cooper - 9780857931153
Downloaded from Elgar Online at 05/31/2019 10:50:01PM
via free access
intervention strategies
early intervention for some 141–2
environmental/workplace factors 149–50
suggested improvements 150–52
immediate interventions for all 141
practitioners’ choices 142–3
risk factors: accessing support 147–8
alexithymia 149
attachment style 148–9
‘screen and treat’ 142
research programme 143
future recommendations 152–3, 214
types of stress 201–2
accountability and reviews 209–10
emotional balance/inspiration 361–3
emotional exhaustion (EE) 94
depersonalization 54
emotional giving/labor 471, 474–5
compassionate identification 206
emotional preparation 120
emotional suppression 91, 149, 475
and role of reflection 151
see also communication
Employment of Britain Survey (1992) 490
engineering occupations 329–30
entrepreneurs 359–79
coping strategies
business preparation 374
family time 375–6
learning to delegate 374
lists and schedules 375
reducing isolated responsibility 374–5
self-renewal 373–4
educational interventions 376–7
health 376–7, 441
research, future directions 377–8
sources of negative stress
failure to delegate 365
health impacts 372–3
income instability 440
multiple roles 368–9
rejection and self-doubt 363–4
responsibility and delusion 366–7
time pressures 369–71
sources of positive stress
autonomy 364–5
creativity and passion 362–3
flexibility 369
job satisfaction and balance 360–62
perceptions of eustress 371–2
personal freedom 366
variety 368
environmental factors
commercial driving 431–43
fishing industry 309–11
oil rig work 290
welfare work 77
noise 298
Person–Environment Fit Model 432–3
urban and rural differences 392
weather conditions and farming 386
Environmental Health Practitioner 350
Eriko Kanazawa 409
escapism 488
ethical dilemmas 74–5
Etzion, D. 494
European Union
Common Agricultural Policy 386
effects of membership on farm entrepreneurs 389–90, 394, 399
eustress 371–2
eye movement desensitization reprocessing (EMDR) 235
factory system 487–8
Fagin, L. 49
Fakunmoju, Sunday B. 71
farm entrepreneurs 385–402
causes of stress 392–5
EU membership and regulations 389–90, 394, 399
characteristics of agriculture 385–7
intervention programmes 395–9
healthcare systems 397–8
‘Resource barn’ service 398–9
social security systems 396–7
support network/helpline service 399
positive factors 388–8
symptoms of stress, studies in 387–92
familial/social factors 390
in relation to the working population 390
suicide risk 392
Farm Partners Program 395
farmers see farm entrepreneurs
Farmers’ Social Insurance Institution (FSII) 397, 399
fatality rates
US commercial drivers 439
US fisheries 310–11
Felblinger, Dianne F. 5
Feldman, D.C. 360, 374
Fenton O’Creevy, M. 344, 345
Ferris, K. 359–60
financial dealers 339–53
consequences of stress
risk and decision-making 345–6
coping strategies 341–2
alcohol consumption 342
interventions
Chartered Institute of Personnel and Development 351–2
Health and Safety Executive standards 346–51
change 349
control 347–8
demands 347
relationship 348
role 349
support 348
job satisfaction 340–42
mental health 341
research in hormonal effects 343
research suggestions 353
sources of stress 341
display screen equipment 344
‘profit goal’ 345
financial factors see income factors
Finland
agricultural sector 385–6
EU membership and regulations 389–90, 394
intervention strategies
healthcare system 397–8
‘Resource barn’ service 398–9
social security system 396–7
support network/helpline service 399
response and predictor variable associations 391
studies in 389–90
suicide risk 392
studies in dentistry 110
studies in emergency services 224, 226
Finnish Institute of Occupational Health (FIOH) 389, 390
firefighters
causes of stress 205–6, 222
accountability and reviews 209–10
personality factors 206–7
effects of stress 202–4, 228
on families 204
interventions 233–5
primary prevention 233–4
new recruits 202, 207
studies into
day-to-day exposure 222–7
future needs 236
traumatic event exposure 227–31
types of exposure to stress 201–2
Fishbein, M. 416
fishing industry workers
heuristic model of variables 315
objective factors
diving technologies and dangers 309–10
water refraction and reflectivity 311
working space 312
organizational factors
competition/licensing 311
production pressures 310–11
subjective factors
personality
adventurousness 314–15, 318
defense mechanisms 313–14
ritual and taboos 313
self-actualization component 314–15
research into 315–19
stress and social group therapy 312
Flin, R. 299–300
Folkman, S. 120–21, 458
Foo, S.L. 368, 374
Forward Psychiatry 139
France
studies on correctional officers 246, 272–3
studies in emergency services 223, 226
studies on sport officials 459–60
free-floating anxiety 342
Freeman, K. 312
Friedland, N. 345–6
Friedman, I.A. 167
Frings-Dresen, Monique, H.W. 221
Fritz, C. 492
Fry, D.A.P. 457
Gann, M. 203, 293
Garfinkel, P.E. 60
Gavish, B. 167
gender factors
differing responses to stress 53
health behavior 331–2
alcohol intake 342
in medical occupations 52–3, 54, 60, 94
rumination levels 491
in social work 72, 74, 469
in teaching 179, 184–5
Germany
studies on correctional officers 247, 273–4
studies in dentistry 109
studies in teaching 185
‘Getting in Gear’ training course 442
Ghaddar, A. 245, 246, 267–8
Gist, R. 138
Glegg, A. 453
Goddard, R. & M. 167
Goldsmith, P.A. 455
Grant, S.L. 378
Grant, Sharon 359–60
Grayson, J.L. 169
Greece, studies in teaching 165, 166
Griffin, M.L. 245, 280–81
Handbook of stress in the occupations

Griffith, D. 318
Gumpert, D.E. 361, 372–3
Hale, A.R. 303
Harris, M.B. 119–20
head teachers 177–89
as business leaders 179, 180
effects of role 184
evidence of stress 180–83
increase (1986–2001) 183
gender differences 179,184–5
physical well-being 185
sources of stress 183–4, 185
monitoring and accountability 179
work–life balance 183, 186
stress prevention strategies 186–9
distributed/divisional leadership 187–8
studies on 192–5
turnover 184
retirement statistics 185
see also teachers
Health and Safety Executive standards 346–51
health see physiological symptoms
Heikkenen, J. 397–8
Heinrichs, M. 223, 226
Hellesøy, O.H. 297–8
Herbert, J. 343
Hill, T. 182
Hilliard-Lysen, J. 110
Hochschild, A. 474–5
Holland
studies on correctional officers 241, 244
studies in dentistry 110
home working 489
homophobia 475
Hope, S. 300, 301
Hurricane Katrina 230, 231
Hwang, S. 472
Impact of Event Scale (IES) 203
incivility
characteristics and effects of 6
effect on employee commitment 10
see also bullying
income factors 60, 125–6, 311, 440
Industrial Revolution 487–8
Institute of Safe Medication Practices 5
Intermittent Husband Syndrome (IHS) 297
International Council of Nurses (ICN) 18
interns, medical
causes of stress
antecedents of 92
future research into 101
personality and gender factors 93–4, 97
practice burden 91, 92
stress variables 100
training ethos 91
consequences of stress
burnout 94, 99–100
errors 94–5
and patient-adverse effects 96–7
physical and psychological 92–3
stress reduction strategies 95–6
assistance programmes 99–100
coaching and counselling 98
recording skills 97
support provision 98
studies in 92, 94
interns, social work 83
intervention strategies
drivers 441–3
educational, for entrepreneurs 376–7
emergency services 233–5
farm entrepreneurs 395–9
financial dealers 346–51
firefighters 233–5
health-promoting 332
medicine 10–12
environment and equipment 25
job and task design 25–6
protection of staff 21–2, 24, 26
staff training 26
support strategies 22–5
for medical interns 95–6, 101
for paramedics 141–2, 150–52, 209–10
incident reporting guidelines 27
oil rig safety and culture 301–3
psychiatrists 61–3
sport officials 460–62
teachers 169–70
inverted-U hypothesis 413
Irving, George 452
isolation 367, 375
Isometsä, E. 392
Israel
studies on correctional officers 244, 247, 249, 271–2
studies in teaching 167
Italy, studies in mental health occupations 53–4, 56
Japan
studies in emergency services 224, 225, 226, 227
studies in job strain and BMI 327
studies on musicians 410–12, 415, 416–17
Jayaratne, S. 472
job (dis)satisfaction 55, 58–60, 122, 181–2, 298–9, 301
as entrepreneurial motivator 360, 361
financial dealers 340–41
self-actualizing-type-satisfactions 314–15
research methods into fisheries 315–19
Johnson, S. 184
Joint Commission 10–12
Jones, M.S. 396
Kah, Howard 339–42
Kaillo, V. 388–9
Kallioniem, M.K. 385
Kanazawa, Eriko 409
Karabanow, J. 470, 471
Karasek, R. 137–8, 326
Kariv, D. 364
Kazutoshi Kudo 409
Keating, N.C. 395
Keinan, G. 244, 247, 249, 271–2
Kelly, K. 18
Kelly, M. 181–2, 183, 185
Kenna, G.A. 115
Kennedy, B. 17–18
Kets de Vries, M.R.F. 365
Kim, HaeJung 71
Kimitaka Nakazawa 409
Kinnunen, Birgitta 385
Kitchiner, N.J. 235
Klassen, R.M. 165
Knox, J. 362
Kokkinos, C.M. 165
Kong, Y. 392
Kosny, A. 469, 476
Krantz, J. 472
Kumar, S. 56, 59
Kunz, M.J.J. 241
et al. (2008) 241
et al. (2009) 244, 248, 250, 263
Kymäläinen, Hanna-Riutta 385
Kyriacou, Chris 161
labeling theory 116–17
Labour Force Survey (LFS) 177
Lager, Larry 452
Lambert, E.
& Paoline III 245, 246, 247, 259–60
et al. (2008) 248, 268
et al. (2010) 245, 246, 258
et al. (2005) 247, 249, 278–9
Langan-Fox, Janice 33, 37, 91, 92, 378
Lange, A.L. 124
Lasalvia, Antonio 49, 55
Lavigne, E. 245, 261–2
Law, R. 24
Lazarus, R.S. 120–21, 458
Lazuras, L. 166
LeBlanc, V. 201, 212–13
legal factors
litigation risk 51, 352
in welfare work 77, 79
LeGrand, L. 314
leisure time, use of 488, 496–7
Leiter, M. P. 56
Lenthall, Sue 16, 17
litigation risks 51, 352
Lloyd, K. 388
Loonstra, B. 267
Louhevaara, V. 397–8
Lourel, M. 223, 226
Louvet, B. 459
Lusa, S. 224, 226
Mabuiag Island, Torres Strait incident 21–2, 24, 26
MacEachen, E. 476
Malach-Pines, A. 244, 247, 249, 271–2
Malinowski, B. 313
Malpractice Insurers Medical Error Prevention Study (MIMEPS) 36
Martens, R. 413
Maslach Burnout Inventory (MBI) 55, 91
Maslach, C. 56
Maslow, A. 317
McCance, C. 294
McCann, B.S. 329
McCray, R.R. 248, 263–4
Mears, K. 294–5, 299–300, 303
Mediation Model 56
medical occupations
anaesthetists 39
dentists 109–26
emergency technicians and paramedics 135–53, 201–14
nurses 5–12
remote area nursing 16–27
physicians 58, 59–60
interns 91–101
surgeons 33–41
Melberg, K. 388
mental fatigue 489
mental health disorders 471
mental health occupations see psychiatrists
METI computerized mannequin 211
Meyerson, D. 303
Micheels, W. 109
Michigan University framework 289–90
military occupations 139
primary prevention strategies 234
Millward Purvis, L.J. 492
Mitani, S. 224, 226, 235
Mitchell, Jeffrey 139
Möller, A.T. 110, 115, 120
Monk, A. 392
Monnereau, Iris 309
Moon, B. 245, 246, 247, 248, 249, 281–3
Moore, K.A. 55
Moore, R. 109, 110, 111, 117, 118–19
Morken, T. 292, 298
Morrice, J.K.W. 297
Morris, M.J. 37
multidimensional anxiety theory 413–14
musicians 409–22
coping strategies
mental and physical rehearsal 420–21
through drugs/alcohol 416–18
financial factors 412
interventions, professional treatments
418–19
psychological 419–20
music performance anxiety (MPA) 490–91
performance quality/delivery 412–14
personality factors 415–16
physical/muscular symptoms 414–15
surveys on Japanese musicians 410–12
situation and factors 411
perfectionism 416
pianists as most stressed group 412
Naisberg-Fennig, S. 55
National Health and Medical Research Council (NHMRC) 27
National Institute for Health and Clinical Excellence 140
National Institute for Occupational Safety and Health 387, 393–4, 432
Neave, N. 455, 459, 461
Netherlands
guidelines for early intervention 233–4
studies on correctional officers (Kunst) 150, 241, 244, 248, 263
studies in medical occupations 37–8
studies on musicians 409
studies in teaching 167
Neveu, J.P. 246, 272–3
New Zealand, studies in medical occupations 54, 59
Nicaragua, studies in fishing industry 313
Niemi, J. 385
Nimgade, A. 339, 344–5
Nimmo, H. 313
noise 298
nonprofit organization (NPO) workers 469–81
causes of stress
emotional giving/labor 471, 474–5
organizational factors
funding/security 475–7
workload 476
personal insults 475
vicarious stress, 474
violence, 472–4
client problems 471–2
future research suggestions
coping strategies 480
organizational missions 480
religious bodies 479–80
volunteers, effects of 479
interventions, system mismatch, 477–7
scope and nature of 469–70
financial and political environment 473
work identification 470–71
see also social workers
Norman, N.I. 291
Norway
studies in farming 388, 390
studies in teaching 167
nursing, hospital-based setting
Clabury CPN study, 53
disruptive behaviours and patient care 5–6
absenteeism and 9
commitment and turnover 10
needlestick injuries 9
organizational interventions 10–12
right of advocacy 10
see also remote area nursing (RAN)
Nursten, J. 79
O’Shea, R.M. 109
Oakland, S. 181, 184
Oberlechner, T. 339, 344–5
obesity 437–8, 439, 441
occupational health and safety (OHS) 477–8
Ogińska-Bulik, N. 248, 279–80
oil rig rescue workers 292
oil rig workers 289–304
clean-up workers 292
evacuation statistics 291–2
health and safety regulations 301–2
interventions
practical 301–3
stress audits 302
Triple A approach 302
reducing macho attitudes 303
safety culture development 303
research into 289–90
future research 304
stress, effects on alcohol consumption 294
stress, objective factors 290–91
health and safety risks 291–2
hostage threat 296
installations and work type 294–5
physical stressors 297–8
risks and hazards 292–3
shift work 295–6
work-leave patterns 296
stress, organizational factors 292–3
stress, subjective factors
feeling driven 301
macho attitudes and behaviors 300, 303
negative coping behaviours 301
perceived risk 299–300
perceived work characteristics 297–9
psychosocial stressors 298–9
Type A behaviour 301
work-life balance 297

Oman, D. 79
Onyett, S. 54
Opie, Tessa 16, 18, 20–22
Ørner, R. 142
Ostell, A. 181, 184
Overgaard, D. 326
owner-managers see entrepreneurs; farm entrepreneurs
Page, H. 376
Page, L. 343
Pajak, S. 54
paramedics see emergency medical technicians
and paramedics
Parasuraman, S. 361, 369
Parkes, K.R. 293, 294, 296
Parry, J. 395
Paskevich, D.M. 461
patients and labeling effects 116–19, 124
Peachey, A.A. 431
perfectionism 416
performance issues
correctional officers 245–6
dentists 113–14
drivers 440–41
emergency workers 211–13
financial dealers, risk taking 345–6
medical errors 33–6
cost to the patient 96–7
effect on interns 94–6
near misses analysis 37–8
operations/procedures 36
patient characteristics 35
surgeon characteristics 36
systems failure 37
musicians see musicians
nurses 5–6
Perkiö- Mäkelä, M. 390
Perrin, M.A. 230, 231
person-centred interventions 61–2
Person–Environment Fit Model 432–3

personality factors 147–9
adventurousness 314–15, 318
affecting research measurements 163, 457–8
burnout likelihood 55–6
compassionate identification 206
coping styles 207–8, 55
fatalism 313–14
sense of coherence 248
emotional versus problem-focused coping 301
externalizing disposition 314
macho attitudes and behaviors 300, 303
perception and 161
perfectionism 93
Person–Environment Fit Model 432–3
relational capacity 207
risk factors emanating from 147–8
alexithymia 149
attachment style 148–9
selection into medical schools 97
self-actualization 314–15
Type A behavior 301
see also self-image
Pfefferbaum, B. 204
Philippines, study in fishing industry 313
Phillips, S. 177, 182, 183, 184, 185
physiological symptoms
of acute stress 33, 432, 454
music performance anxiety (MPA) 414–15, 490
and burnout 34–5
cancers 434
cortisol levels 8, 326, 343
diabetes 343, 432
entrepreneurship and 372
heart disease 437, 454–5, 495
heart rate 414, 415, 454
hypertension 438
injuries 441
and occupational health and safety (OHS) 478
monitoring of 212
muscle activity 414–15, 419, 421
poverty and 471
risks for oil rig workers 292–3, 298
sleep deprivation 92, 296, 372, 436, 495
apnea 438
socioeconomics and 325
Stress-Disequilibrium Theory 434
teachers, relative to other occupations 166
weight status
behaviour/habits 327–8
individual differences 328–9
control over work situation and 330–31
gender differences 331–2
job stress 326–7
male coping strategies 329–30
obesity 437–8, 439, 441
occupational differences 328
socioeconomics and 325
Pienaar, J. 274–5
Plat, M.J. 221, 224, 226
Poggie, J.J. 309, 312–13, 314–15
Poland, studies on correctional officers
Cieslak, R. 244, 248, 249, 266–7
Ogiñska-Bulik, N. 248, 279–80
police
causes of stress
operational 205–6
organizational 208–9, 210
effects of stress 202–4
on families 204
on performance 211–13
recruits 202, 203, 212–13
coping styles 208
types of stress 202
accountability/enquiries 210
Pollnac, R.B. 309, 312–13, 314–15
post-traumatic stress disorder (PTSD) 8, 20, 137
dose-effect model 206
effect on performance 211–13
group therapy and 312–13
intervention strategies 141–2
studies in 206
firefighters. day-to-day experiences 222–7
and peak exposures 227–31
symptoms 203–4, 234
primary prevention 233–4
secondary prevention 234–5
see also stress
presenteeism 441
prison workers see correctional officers (COs)
problem-solving pondering 493–4
Prosser, D. 53, 55, 59
Prottas, D.J. 376
psychiatric morbidity and tendency to
ruminate 495–6
psychiatrists 49–63
age and gender factors 52–3, 54, 60
burnout 53–7
duration of job tenure 56
job satisfaction paradox 55, 58, 60
organizational factors 56–7
predilection 55–6
studies on 54
prevention strategies 61–3
causes of stress
job oriented 49–50
organizational and structural factors 51–2
patient contact factors 50–51
role ambiguity 51
military support programme 139
psychodynamic therapy 151
psychological first aid (PFA) 141
psychosocial working conditions 325
psychosocial safety climate (PSC) 24–5
Qatar, studies in teaching 166
Räberg Kjøllesdal, M.K. 325
racism 475
Rainey, D. 457
Rankin, I.A. 119–20
Rathod, S. 52
Reamer, F.G. 79
recovery processes
as restoring energetic resources 489
future research on 497–8
use of non-working time 488–9, 496–7
see also rumination; stress
Regehr, C. 144, 201, 207, 210–11
relational capacity 207
religious organizations 479–80
religious-based work ethic 487
remote area nursing (RAN)
intervention strategies
education 26
emergency response 26
improvements to 27
environmental safety 25
job and task design 25–6
organisational 22–5
public awareness 22
research into 18
and future research subjects 27
role delineation 18–19
sources of stress
job demands associated with 19–20
occurrence of violence 18–22
workforce factors 17–18
see also nursing
Render, J. 110–11
‘Resource barn’ service 398–9
Richardson, P. 453
Riemer, J.W. 110
risk preferences across decision domains 346
Ristiluoma, Ritta 388
Roberts, J.A. 361
Rogers, S.O. Jr 39
Roos, Gun 325, 329
Ross, J.K. 295
Rousseau, V.
et al. (2008) 247, 249, 269
et al. (2009) 246–7, 265
Ruiz, Victor 309  
rumination  
as a problem 489–9  
health issues 495–6  
mechanisms 496  
comparisons through sociodemographics 490–92  
conceptualization of  
affective rumination 493  
detachment 494–5  
problem-solving pondering 493–4  
measurement methodologies 492–6  
switching off techniques 496–7  
see also recovery processes; stress  
Rundmo, T. 294, 298–9, 299, 300  
Saijo, Y. 225, 227  
Sainsbury Centre for Mental Health 53  
Saksvik, I.B. 295, 296  
Sambells, R. 350  
Schaufeli, W.B. 93  
Schindehutte, M. 263–4, 361–2, 371–2  
Schoolmaster, The 177  
Scott, D. 457–8  
scre test 317  
secondary prevention strategies 234–5  
secondary traumatic stress (STS) 72, 73  
self-actualization 314–15  
self-employed workers see entrepreneurs  
self-image 122–5  
demands, notion of 164, 301, 326, 372–3  
perfectionism 416  
see also personality factors  
self-report measurements, critique of 33, 162, 166, 242, 249  
Selye, Dr. Hans 120  
Sen, Dil 177  
Şenol-Durak, E. 245, 246, 276–8  
Seymour, N.E. 39  
Selton, J.M. 457  
Sgourou, E. 303  
Shainblum, E. 477–8  
shift work 295–6, 300  
Shigemasu, K. 416  
Siegrist, B. 396  
Simkin, S. 394  
Simmers, C.A. 361, 369  
Simola, Ahti 385  
Simpson, K. 388  
Sipiläinen, T. 388  
Skålavid, E.M. & S. 167  
sleep deprivation 92, 296, 372, 436, 495  
apnea 438  
Slottje, P. 230, 231  
Sluiter, J.K. 221, 225, 227  
Smith, Adam, On the Wealth of Nations 487  
Smith, C. 461  
Smith, M. 79  
Smyth, B.M. 386  
Soane, E. 346  
Soccer Official Stress Survey (SOSS) 455  
social marginalization 475  
social security system, Finland 396–7  
social support  
correctional officers 247  
emergency services 206–7  
paramedics 143  
farm entrepreneurs, networks/helpline service 399  
Health and Safety Executive standards 348  
medical interns 98  
professional associations 375  
remote area nursing 22  
work group cohesion 56–7  
see also work–life balance  
social workers 71–84  
characteristics of stress 71–2, 73  
consequences of stress 75–6  
in addictions work 78  
in child welfare work 76–7  
in social work therapy 77–8  
work practice 80  
sources of stress  
age and gender factors 72, 74  
ethical and legal dilemmas 74–5  
organizational factors 74  
stress management strategies 79  
employment policies 80–81  
and future studies in 81–3  
see also nonprofit organization (NPO) workers  
socioeconomics 325  
somatic anxiety 342, 413  
Sönmez, Sevil 431  
Sonnetag, S. 492  
Sources of Entrepreneurial Stress Scale (SESS) 360, 361  
South Africa  
studies on correctional officers 248, 274–5  
studies in dentistry 110, 115, 120  
South Korea, studies on correctional officers 245, 246, 247, 248, 249, 281–3  
Spain  
studies on correctional officers 245, 246, 267–8  
studies in teaching 170  
Spangenberg, J.J. 110, 115, 120  
sport officials 451–62  
causes of stress
‘blown calls’ publicity 451–3
failures, conflicts and time pressure
455–6
physical demands 457
responsibility 453–4
consequences of stress
burnout/turndover 457–8
health risks 454–5
coping strategies 459–60
descriptive statistics 460
interventions 460–62
see also sport participants
sport participants 413, 414, 454
coping strategies 458
see also sport officials
Statoil 293
Stoner, C.R. 376
Storey, J. 79
stress 33, 49–50, 92, 161
acute stress 33, 137
ranked occupations 201
see also burnout; post-traumatic stress
disorder (PTSD); recovery processes;
ruminaton
Stress-Disequilibrium Theory 434
suicide risk 50, 115–16, 177, 392
surgeons 33–41
stress and performance 33–4
errors/‘adverse events’ 35–6
operation categories 36
unintended medication errors 37, 38
studies on 38
training, technical/simulator 39–40
courses available 40–41
Sutherland, V.J. 293, 294, 298, 301, 302
Sweden, studies in dentistry 115, 122
Switzerland, studies in emergency services 223,
226
systems failure 37
Taiwan
studies on commercial drivers 438
studies in emergency services 222, 226
Tak, S. 230, 231
Tatsuyuki Ohtsuki 409
Taxman, F.S. 247, 265–6
Taylor, A.H. 455, 457
Taylor, R. 297
Taylor, V.H. 138
teachers 161–71
interventions to reduce stress 169–70
personal coping strategies 168–9
research measurement problems 162
‘survival population’ 163
research for the future 170–71
sources of stress 164–6
symptoms of stress 166–7
ruminaton 490–91
see also head teachers
Tellier, C. 241–2
Teoh, H.Y. 368, 374
Tewksbury, R. 277
Theorell, T. 137–8
therapists 77–8
Thompson, C.A. 376
Thompson, F. 453
Thomsen, S. 55–6
THOR-GP data 277–8
training, occupational 26, 39–41, 91, 188
training in stress control 151–2, 442, 461–2
transport workers see drivers
traumatic events 8, 138
see also critical events
Treynor, W. 494
Turkey, studies on correctional officers
(Şenol-Durak) 245, 246, 276–8
Turner, J.L. 454
turnover
in nursing staff 10, 17–18
in social workers 76
in sport officials 457–8, 461
in teachers 167, 184
Type A behavior 301, 373
Tyssen, R. 91, 93–4
Ulleberg, P. 298–9
United Kingdom of Great Britain
nonprofit organizations (NPOs) 469
studies on correctional officers 241, 265–6,
268
Bevans’ 245–6, 257
Bowers’ 248, 275–6
studies in dentistry 110, 111, 113, 114
studies in emergency services 208, 222, 228,
229
studies in farming 392
studies in financial dealing 339–53
studies in medical occupations 39, 50, 52, 53,
59, 93–4, 96
studies in obesity 328–9
studies on sport officials 459
studies in teaching 169–70
data on head teachers 177–89
United States of America
Malpractice Insurers Medical Error
Prevention Study (MIMEPS) 36
nonprofit organizations (NPOs) 469
studies on commercial drivers 435–6, 436
fatalities 439
safety regulations 436, 438
studies on correctional officers 241, 257–60, 263–4, 265–6, 277–9, 280–81
studies in dentistry 109, 110, 111, 115, 116, 119–20, 124
studies in emergency services 204, 208
World Trade Centre disaster 228, 231, 235
studies in farming 390, 396
outreach programme 395
studies in financial dealing 344–5
studies in fishing industry 310–11, 315–19
studies in medical occupations 34, 52, 58, 59, 60, 93, 96, 99
studies in Mediterranean oil rig workers 292
studies on musicians 409, 416, 417
studies in obesity 437
studies on sport officials 456, 457
studies in teaching 169
studies in unwinding after work 490
University of Michigan framework 289–90
Valdes-Pizzini, M. 318
Valentic, D. 292
Van Yperen, N.W. 457
vibration 298
vicarious traumatization (VT) 73, 474
violent incidents
  disturbed adolescents 472–3
  rape 21–2, 24, 26
  suicide risk 50, 115–16, 177, 392
  upon correctional/prison officers 21–2, 24, 26
World Trade Centre disaster 228, 231, 235
see also critical incidents
Voigt, M.R. 451, 456, 459, 461
Voltmer, E. 247, 273–4
volunteers 479
Vranic, V. 33, 91
Waage, S. 296
Wager, E. 394
Wakeman, J. 16
Wales, studies in emergency services 235
Walker, J.L. and L.J.S. 388
Wandel, M. 325, 329
Wardle, J. 329
Warr, P. 492
Weinberg, R.S. 453
Weindling, L. 181
welfare work see social workers
West, C.P. 94–5
Westwood, A.D. 309
Whitehall II study 326–7
Wilhelm, K. 165
Williams, J. 244, 246, 270–71, 455
Winwood, P.C. 114–15
Witteveen, A.B. 231
Wolfson, S. 455, 459, 461
Wong, T.-W. 299
Wood, M.D. 115
Wooten, Nikki R. 71
work group cohesion 56–7
work organization
  communication technology 488–9
  historical perspective 487–8
  leisure time and recovery 488, 496–7
  rumination problem 489–90
  occupation comparisons 490–92
working from home 488–9
work–life balance 183, 186
  blurred boundaries 488–9
  detachment and 494
  effect of occupational stress on families 204
  entrepreneurship and 369–71, 375–6
  Intermittent Husband Syndrome (IHS) 297
  organizational interventions 302–3
  weight status 330–32
see also social support
workaholism 93, 301
workload 34, 54, 112
  drivers' work performance 440
  and economic pressure 119
  nonprofit organizations 476
  physiological effects 326
  and time constraints 125–6, 246
workplace and psychosocial factors 325
World Trade Centre disaster 228, 231, 235
Yocum, R. 248, 278
Yoshi, M. 409, 410, 413–14, 416
Zelko, H. 222, 223, 228, 229
zero tolerance 24
Zhang, J. 392
Zijlstra, Fred, R.H. 487
Zollner, S. 453, 455
Zones of Optimal Functioning (ZOF) 413–14