## Index

## A

active CDSS 40
activities of daily living (ADL) 20
acuity 142
adverse event 250
Agency for Healthcare Research and Quality (AHRQ) 7
American Nurses Association (ANA) 8, 12
assessments $4,6,7,17,28,76,77,83,24$ 3, 269
asylees 54

## B

Bluetooth 66, 243, 251

## C

Canadian Nurses Association 62, 69, 254
care dependency scale (CDS) 22
Care in the Express Lane 5
care management 5
casemix 141, 142
Center for Disease Control and Prevention (CDC) 7
clinical decision support system (CDSS) 40
clinical decision support systems 251
cognitive-socio-technical 148, 159
cognitive work 79, 159
community of inquiry model 179, 196
competencies 123, 235, 265
computer-based nursing documentation 25
computer-based patient records (CPR) 255
computerised clinical reminder (CR) 40
computerised decision support systems (CDSS) 255
computerised provider order entry (CPOE) 40
computerized patient care documentation
(CPD) 92, 93
computerized patient record dystem (CPRS) 74, 93
computer literacy 237, 238
conceptual framework $79,89,111,160,16$ 1, 163
conceptual quilting $175,190,196$
constructivistic communication 216
continua 162, 164
continuing medical education 238
Creighton Online Multiple Modular Expert System (COMMES) 255
cross-cultural 54
cross-cultural competence 54

## D

decision tool 40
dependency $22,25,125,142$
descriptivistic communication 216
direct care 142
Domains 173, 288
domains 20, 21, 22, 79, 80, 161, 162, 163, $168,169,170$
download 251

## E

e-learning 123, 269
engagement 120, 123
enterprise knowledge portal 216
ethnography 207, 216
European Union (EU) 255
evidence 7, 13, 14, 38, 98, 99, 109, 224, 2
33, 236, 237, 238, 246, 253
evidence base medicine (EBM) 230

## F

functional independence measure (FIM) 21
functionalities 251

## G

General Agreement on Tariffs and Trade
(GATT) 256
genomics $1,13,14$
graduate education for administration in nursing (CGEAN) 113

## H

health economics 109
health informatics $3,12,13,14,38,39,14$
8, 238, 265
higher education (HE) 253
higher education institutions (HEIs) 254
Hodges' model 160, 161, 162, 163, 164, 16
$5,168,169,170,171,172,174$
holistic 162, 163, 171, 210, 212, 216, 261
home health and ambulatory care (HHAC) 255
home telehealth 99, 106, 108, 109
human ecology domain 2

## I

immediacy 179,196
immigrants v, ix, 41, 43, 44, 46, 47, 48, 5 $0,53,54,55$

IMS Global Learning Consortium (IMS GLC) 257
information and communication technologies (ICTs) 254
information literacy 233, 235, 238
information technology (IT 63, 66, 112, 253
Institute of Medicine (IOM) $2,6,13,112,263$
instrumental activities of daily living (IADL) 20
intended consequences 159
International Classification for Nursing Practice (ICNP) 255
International Classification for Nursing Practice (ICNP®) 8
interpreter 50, 54
interrater reliability $17,18,20,21,22$
intra-hospital telemedicine 229

## J

joint information systems committee (JISC) 254

## K

knowledge management 67, 214, 216

## L

learning community 196
licensed professional nurse (LPN) 93

## M

master patient index (MPI 256
millennium development goals
61, 62, 71, 256, 263
mobile technologies 251
mobile technology vi, ix, 56, 71
multidisciplinary 105, 109, 173
Mumford 164, 165, 166, 173

## $\mathbf{N}$

National Office of Public Health Genomics 5, 13
normativistic communication 216

North American Nursing Diagnoses Association (NANDA) 255
nurse practitioner (NP) 93
nursing diagnosis $8,16,17,18,19,20,23$, 25, 90, 255
nursing education vii, xiii, $70,71,122,123$, 194, 196, 237, 239, 241, 248, 249, 250, 253, 264, 265, 266, 269, 270
nursing informaticists 1,2
nursing informatics vii, xiii, 1, 3,57, 69, 72 , 146, 167, 230, 236, 238, 249, 268
nursing minimum data set (NMDS) 19, 25
Nursing Outcomes Classification (NOC) 255
nursing resources 142

## 0

online curriculum 123
online education 113, 123, 190
online pedagogy 123

## P

passive CDSS 27, 40
patient care information system (PCIS) 38, 73, 74, 93
personal digital assistant (PDA) 72
personal health records (PHR's) 4
photovoice $175,176,184,185,186,187,1$ 88, 190, 192, 196, 197
podcasts $65,71,72$
point of care technology 251
preload 251
process based education 251
public health v , viii, $1,3,4,5,12,13,14$, 15, 25, 54, 123, 235, 268

## R

ratios 133, 136, 137, 140, 142
real-time mode 109
refugees $44,46,47,48,50,53,54$
reliability $16,17,18,20,21,22,23,73,1$ $28,132,225,226,244,259$
research literacy 238
resident assessment instrument (RAI) 21, 23
rural culture 1
rural public health nursing v , viii, 1, 3

## S

Second Life 258, 260
sense of community 197
Sispes 198, 199, 206, 207, 208, 209, 210, 211, 212, 213, 217
skill mix 143
socio-political-technical 170
socio-technical vi, xi, 26, 27, 28, 29, 37, $57,110,111,122,123,144,145,14$ $6,147,148,149,150,152,153,155$ , 156, 159, 148, 160, 161, 148, 16 $0,161,163,164,165,167,168$, $169,170,171,172,173,174,175$ , 176, 190
socio-technical structures $160,161,164,165$, 167, 168, 169, 170, 171, 172
socio-technical systems theory 123
standardised nursing language (SNL) 255
store-and-forward mode 109
structuration theories 201, 216
synchronisation 251

## T

teaching strategies 123,189
telecare 66, 106, 107, 108, 229
teledermatology 220, 229
telehealth vi, $x, 13,94,95,97,98,99,102$ , 106, 107, 108, 109
telehealth education and training 109
telemedicine $32,66,106,107,108,109,21$ 8, 219, 229
telepaediatrics 104, 109
telepathology 229
teleradiology 229
Title VI obligations 55
translator 55

## U

unified medical language system (UMLS) 2, 8 unintended consequences 38, 159
United States Department of Veterans Affairs (VA) 74, 92, 93
upload 251

## V

virtual reflective centre 188, 197

## W

wireless technology 248, 252
World Health Organization (WHO) 4, 95
World Trade Organisation (WTO) 256

