Index

Abel Smith, Brian 81, 83, 154, 161–2, 208
accommodation 7, 64, 225, 231
accountability 14, 88, 101–2, 196, 244
Acheson, Donald 90, 195
action research 9
acute hospital care 53, 80, 90, 121, 122, 141, 142, 149–50, 163, 251
ad hoc studies 18–20, 248
Addison, Christopher 48–50, 51, 67
administrative framework
history of health service research in the United Kingdom 61, 64–5
history of health service research in the United States 25–6
Holland, Walter, personal reflections 79, 80
models of health service research 10–15
O’Grady’s valedictory statement and responses 86–8
Priorities in Medical Research (House of Lords Select Committee) 191–2
advice
from Department of Health/DHSS/Ministry of Health 151–3
to Department of Health/DHSS/Ministry of Health 45, 51–2, 55, 59, 64, 80, 83, 86, 91, 104–5, 112, 135–7, 213, 237, 242, 243, 244, 248, 249
health service research 136–7, 154–5, 161–3, 202, 203, 207–8, 209, 211–12, 228
from Medical Research Council 104–5
Priorities in Medical Research (House of Lords Select Committee) 187, 197
see also health advice/education
allergen exposure 139–40, 141
American Hospital Association 25, 26, 34
American Medical Association 25, 26, 34
Andersen, S. 28
Anderson, O.W. 3, 24–5, 28–9
Annual Report on Departmental Research and Development 1973 (DHSS) 239–43
applied health research
versus basic medical research 50, 51, 66, 77–8, 79, 103, 190–191, 193, 202, 223
and health education 102
and Medical Research Council 50, 52, 54–5, 77–8, 103, 190–191, 202
Priorities in Medical Research (House of Lords Select Committee) 190–191, 193
Rothschild’s proposals 50, 51, 52, 53, 66, 202
appointments system, general practice 146
arthritis 28, 155–6, 159, 235
Assessment Committee 215
assessment of health service research 215–17, 248–50
Association of British Research Councils (ABRC) 188
asthma 138–41, 146, 148
Australia 7, 204, 216
avoidable mortality 167, 168–70, 227, 233
Avoidable Mortality in the European Community. Towards better Indicators for the Effectiveness of Health Services (AMIEHS) 170

back pain 147–8, 235
Barcroft, Henry 69, 70
Barnett, G.O. 31

basic medical research
versus applied health research 50, 51, 66, 77–8, 79, 103, 190–191, 193, 202, 223
and Medical Research Council 47, 50, 52, 54, 55, 77–8, 103, 105, 190–191, 202

Priorities in Medical Research
(House of Lords Select Committee) 188–91, 193

Rothschild’s proposals 50, 51, 53, 55, 66, 105, 202

Basingstoke, Hampshire, England 113, 121–2, 138–9, 142, 170, 232
‘best-buy’ hospital design 199–201
Bevan, G. 161, 163

biomedical research 10, 14, 20, 21, 33, 189, 193, 244, 245

Birmingham University research unit 57, 58, 108, 109, 127, 151
Black, Sir Douglas 52, 64–5, 66, 78–9, 80, 81, 82, 111–12, 209, 244
Bradford Hill, Sir Austin 72, 73, 105, 116, 221
breast cancer 7, 126
British Medical Association 147, 160–161

Buller, Arthur 65–6, 71, 82, 83–4, 244, 246
Bunker, J.P. 27, 38

Bureau of Health Services (US) 34
Bury St Edmunds, Suffolk, England 62, 112, 120

cancer 6, 12, 18, 20, 48, 91, 162, 165, 168, 188, 243
see also breast cancer; cervical cancer; lung cancer

cardiology 69, 91, 145
cardiopulmonary disease, chronic 73, 116, 118, 119, 227
see also respiratory disease; tuberculosis

cardiopulmonary disease 77, 83, 104, 126, 132, 162, 165, 198, 206, 213, 243
career structures
health service research deficits in the United Kingdom 57
health service research in the United Kingdom 216
Holland, Walter, personal reflections 72, 77, 81, 82
and multidisciplinary research 99–100

O’Grady’s valedictory statement and responses 88, 89, 94

Priorities in Medical Research
(House of Lords Select Committee) 196, 198

Carnegie Foundation 32
cash payments, for disabled persons 159–60
central government 13, 47–8, 204–11
see also Department of Health/ DHSS/Ministry of Health; Department of Intelligence and Research (UK)

Central Policy Review Staff (CPRS) 47–8, 105
cervical cancer 126, 168, 169–70
Chief Medical Officer 48–9, 55–6, 62, 63, 65, 78, 89, 92, 106, 145, 197, 245

Chief Medical Officer’s fund 89, 91
Chief of Research and Development 197, 251
Chief Scientist 51, 52, 62, 64–6, 78–9, 80, 81, 82–94, 113, 162, 192, 209, 210, 242, 243, 244, 245, 246, 247, 249

Chief Scientist’s Research Committee 51–2, 53, 242, 243, 244
child health
and health care resource allocation in the United Kingdom 162
health service research in the United States 33
Index

history of health service research in the United States 4, 26
Holland, Walter, personal reflections 69, 72, 75–6
multidisciplinary research 100
St Thomas’ Hospital Medical School research unit 100, 102, 130–131, 132–5, 147, 152–5, 207–8, 233–5
Chronically Disabled Person Act 1970 (UK) 157
civil servants 204–5, 208, 209, 210, 222–3, 237, 245
clinical research
definition 1
evaluation research 6–7
expenditure 240
funding in the United Kingdom 58, 85, 106, 107, 190, 196, 239
Holland, Walter, personal reflections 71–7
importance 10, 49
and Medical Research Council (MRC) 54, 65, 66, 78, 82, 103, 190, 196
O’Grady’s valedictory statement and responses 85, 89
Priorities in Medical Research (House of Lords Select Committee) 188, 190–191, 196
salaries in the United Kingdom 57
Clinical Research Centre Board (UK) 65, 66, 78, 82
Clinical Research Centre (CRC) (UK) 190
Cochrane, Archie 34, 93, 104, 105, 113, 221
Cohen, R.H.L. 52, 55, 56, 57, 60–61, 63, 64, 66, 78–9, 80, 82, 87–8, 89, 91–4, 106, 113, 116, 209, 210
Cole, Robin 84, 246, 247
Colen. M.F. 31
Colley, John 74, 75
Collins, S.D. 28
commissioning research 51, 53, 113–14, 208–9, 211–12, 224–5, 229, 242–3, 244, 251
Committee on Community Care 203
Committee on Medical Aspects of Food Policy (COMA) 152
Committee on the Costs of Medical Care 25, 29, 32, 34
committees 206–7, 208, 211, 213–214
see also individual committees
Commonwealth Fund 32, 33
communication/communication problems 8–9, 10, 20, 21, 30, 61, 100–101, 151
computer mathematical models 2, 113–14, 212–13
computer technology in general practice 148
hospitals 31, 34, 240
information systems 17–18, 31, 36, 152, 167
medical records’ computerisation 31, 36, 73–4, 146, 148
methodological framework in health service research 19–20
National Health Service (NHS) 240, 243, 244
skills 16
Confidential Enquiry into Maternal Deaths 91, 169
certainty 219
conflict
decision-making in health service research 5–6
government research 113–14
health policy analysis and health service research relationship 8, 9
health service research organisation in the United Kingdom 55
Holland, Walter, personal reflections 80
medical research organisation in the United Kingdom 52–3
O’Grady’s valedictory statement and responses 86, 89
political and administrative framework of health service research 10–12
publication 230
consumer attitudes 2, 19, 30, 134, 135
consumer behaviour 2, 16, 29–30, 38
see also smoking
customer demand for medical/health care 1, 3, 5, 38, 115, 146–7, 227, 229
customer involvement in health service research 224
customer knowledge and expectations 5
costs, social 120–121, 200, 206
costs of health care services
evaluation research 6
evaluation research at St Thomas’ Hospital Medical School research unit 120–121, 125, 128–31
and history of health service research 4, 5
history of health service research in the United Kingdom 55
history of health service research in the United States 24, 25, 28–9, 38–12
and history of health service research 4, 5
history of health service research in the United Kingdom 55
2017–18
and history of health service research 4, 5
history of health service research in the United Kingdom 55
health service research 47, 55–6, 60–62, 63, 64–5, 66, 74, 77, 78–9, 239–40
health service research deficits 37
health services’ performance 160
independent committee on smoking and health 135–6
medical research 239
and Medical Research Council relationship 48–50, 81, 82, 91, 92

Cranston, W.I. 75
critical analysis 208
critical incident technique 27
Crossman Formula 161–2
cultural factors 2, 5, 6, 30, 49, 154–5, 222
cystic fibrosis 130–131
Dainton, Sir Frederick 51–2, 67
Darzi centres 198, 235–6
data 17–18, 212, 219–20, 225–6, 227, 248
see also demographic data/factors; information dissemination; information requirements, resource allocation; information systems
Day, Tom 69
demographic data/factors 9, 17, 33, 152, 165
dental health services 7, 30, 191, 241
Department of Health and Social Security (DHSS) (UK) see Department of Health/DHSS/Ministry of Health
Department of Health/DHSS/Ministry of Health
advice-giving 151–2
advice-seeking 45, 51–2, 55, 59, 64, 80, 83, 86, 91, 135–7
commissioning research 51, 53, 208–9
evaluation of research 215–17
health service research 47, 55–6, 60–62, 63, 64–5, 66, 74, 77, 78–9, 239–40
health service research deficits 37
health services’ performance 160
independent committee on smoking and health 135–6
medical research 239
and Medical Research Council relationship 48–50, 81, 82, 91, 92

Improving health services
Index

O’Grady’s valedictory statement and responses 85–94
planning health services 111–12
pre-publication of research, commenting on 59, 60, 216, 217–19, 230
Priorities in Medical Research
(House of Lords Select Committee) 187, 190, 191, 192, 193–4, 195, 196, 210, 230–231
prioritisation of research 47, 248, 250, 251
regional health care resource allocation 160–162
see also Annual Report on
Departmental Research and Development 1973 (DHSS);
Department of Health/DHSS/Ministry of Health funding;
Department of Health Yearbook of Research and Development 1990;
DHSS Handbook of Research and Development;
history of health service research in the United Kingdom; history of medical research in the United Kingdom
Department of Health/DHSS/Ministry of Health funding
clinical research 85
health service research 32, 54–5, 57–8, 61, 62, 63, 80, 83, 106–8, 109, 215–16, 240, 243, 244, 245, 246, 247, 248, 251
O’Grady’s valedictory statement and responses 85, 86–7, 88, 90, 93, 94
St Thomas’ Hospital Medical School research unit 59, 81, 116–17, 124, 134, 136, 145, 205, 231
medical research 239, 240
Priorities in Medical Research
(House of Lords Select Committee) 196
training 59, 81

Department of Health (UK) see
Department of Health/DHSS/Ministry of Health
Department of Health Yearbook of Research and Development 1990
251
Department of Intelligence and Research (UK) 46, 47
depression 143, 148–9
Deputy Chief Medical Officer 55, 64, 65, 78–9, 82, 116
Deputy Chief Scientist 66, 84, 246, 247
Derbyshire, England 134–5
descriptive research 3–4, 18, 26, 34–6, 143–4, 213–14, 217
DHSS Handbook of Research and Development
1979 244–5
1981 245–6
1982 246
1983 246
1984 247
1985 247
1986 247
1987 248
1988 248–50
diabetes 146, 148, 198, 229
Director of Research and Development 82, 197–8, 247, 251
disability
conflict in government research 114
multidisciplinary research relationship 100
St Thomas’ Hospital Medical School research unit 116, 118, 119, 121, 155–60, 227, 232
disease registries 18
see also infectious diseases; individual diseases
district health authorities see local government; regional district/health authorities; regional government
DNA probes for service use 130–131
Doll, Sir Richard 72, 73, 93, 105, 243
Donabedian, A. 27, 38
Improving health services

Donaldson, Paddy 124
Dornhorst, A.C. 65–6, 71, 82–3
drug treatments/trials 6, 7, 19, 70–71,
90, 113, 148, 158, 213, 221, 230
Duncan, O.D. 30

Economic and Social Research Council (ESRC) 87, 187
economic data 17
economic deprivation 164, 165, 169
economic factors, and disability 157,
158, 159
economic models 126, 206, 213, 232
economics/economists 2–3, 16, 28, 29,
37–8, 164, 166
see also economic data; economic
deprivation; economic factors,
and disability; economic models

education see health advice/education;
medical education
Eimerl, T.S. 144
Eisele, C.W. 27
Eisenberg, J.M. 4, 34, 38
elderly people 28, 142, 143, 146, 149,
152, 166, 200–201, 251
employment data 17
epidemiological research
deficits in the United Kingdom 49
evaluation research in health service
research 7
funding 105
and health service research
relationship 3
history of health service research in
the United Kingdom 57, 66
history of health service research in
the United States 4, 31
Holland, Walter, personal reflections
71, 72–6
methodological framework in health
service research 16
O’Grady’s valedictory statement and
responses 93
St Thomas’ Hospital Medical School
research unit 75, 77, 101,
115–19, 162–5
equality of access to health services 4, 5,
24
see also regional resource allocation
ethics 21, 102, 129, 130, 131, 202, 211,
228
ethnic groups 6, 100, 154–5, 164
European Community 109, 139, 141,
170
European Community Respiratory
Health Survey (ECRHS) 139, 141
evaluation of research 215–17, 248–50
evaluation research
health service research 221–4
health service research in the United
States 33
history of health service research in
the United States 26–30
O’Grady’s valedictory statement and
responses 91
role of health service research 6–8
St Thomas’ Hospital Medical School
research unit 53, 62, 112–14,
120–123, 199–201, 223–4
expenditure on health service research
108, 109, 240, 243, 245, 246, 247,
248, 251
family household surveys 31–2
Feldstein, M. 57
fieldworkers 75, 76, 100, 101, 118, 149,
156, 219
Finland 8
Fletcher, Sir Walter Morley 48–9
Flexner, A. 25
Flook, E.E. 1, 4, 25–6, 30
food policy 100, 102, 151–5, 207–8,
232
food rationing 151–2
Freeman, H.E. 30, 31
Freidson, E. 30
Frimley Hospital 62, 112, 113,
120–123, 199–201, 232
front-line staff involvement in health
service research 224
Fry, John 144, 213
Index

funding see cash payments, for disabled persons; Chief Medical Officer’s Fund; Department of Health/ DHSS/Ministry of Health funding; government funding; health insurance, United States; hospital endowment funds; industry-funded medical research; King’s Fund; Locally Organised Clinical Research (LOCR) funding; medical charities’ funding; Medical Research Council (MRC) funding; Medical Research fund; Nuffield Provincial Hospitals Trust/ Nuffield Trust; private foundations’ research funding; private research funding; social security

government funding 3–4, 50–51, 52, 54, 79
see also Department of Health/ DHSS/Ministry of Health funding
government involvement, in health service research administration 12–14
government models, health service research administration 13–14
government subcontracted research organisations 14

Greenwich, London Borough, England 140–141
Gujerati children 154–5
Gulliford, M. 7

Hagerstown, Maryland, US 4, 28, 32, 34
Haldane, Richard 45–7, 48, 50, 51, 67
Hampshire, England 113, 120, 121–2, 138–9, 142, 143, 170, 232
Harrow, London Borough, England 75–6, 132, 133–4
health advice/education 8, 102, 125, 133, 135, 136, 137, 140, 147, 148, 151, 233
Health Education Council 136, 147, 218
health insurance, United States 24, 29, 37, 38
health screening 198, 237
health service providers 10, 11, 12, 13, 14, 19
see also general practice/general practitioners; hospitals
health service research (HSR)
definition 1
design 226–9
historical background 3–5
methodological framework 16–21
political and administrative framework 10–15
research questions 199–201
role 5–10
tasks 1–3
health service research in practice in the United Kingdom
development and evaluation of new ways of providing health services 112–14
introduction 111–12
laboratory automation 127–8
resource allocation 165–6
screening 123–4
see also St Thomas’ Hospital Medical School research unit
health service research in the United Kingdom
comparison with health service research in the United States 32–6, 37, 38–9
coordination 61, 201–11
evaluation of research 215–17, 248–50
evaluation research 221, 222–3
models of health service research 13, 14, 15
policy-making input deficits 35–6, 198, 229, 232, 235–7
timescales 211–15, 223–4, 226–7, 236
see also health service research in practice in the United Kingdom; history of health service research in the United Kingdom; Priorities in Medical Research (House of Lords Select Committee on Science and Technology)
health service research in the United States
comparison with health service research in the United Kingdom 32–6, 37, 38–9
health services’ performance 166, 167–8, 233
Holland, Walter, personal reflections 73
models of health service research 13–14, 15
regional resource allocation inequality 166
screening 123
see also history of health service research in the United States
Heasman, M.A. 74
hernia 113, 120, 121, 164–5, 200
history of health service research 3–5
see also history of health service research in the United Kingdom; history of health service research in the United States
history of health service research in the United Kingdom
beginnings 54–7
health service research units 57, 58–62
pioneers 62–6
history of health service research in the United States
dental health services research 30
economics, costs and financing of health care 29, 37–8
evaluation and quality of health services 26–9, 37–8, 90
health care facilities 25
health care technology 31–2
manpower 24–5, 33–4
nursing 30
organisation and administration of health services 25–6
overview 3–4, 24
social behavioural aspects of health care 29–30
history of medical research in the United Kingdom
Addison 48–50
Dainton 51–2
difficult relationships 52–4
Haldane 45–7
Rothschild 47–8, 50–51
Holland, Walter
graduate/post-graduate education and early career in medical and health service research 57, 66, 69–77
health service research and chief scientists establishment 77–94
Index

Black’s successors 82–5
O’Grady’s valedictory statement and responses 85–94
training 81–2
independent committee on smoking and health 135–6
see also Priorities in Medical Research (House of Lords Select Committee on Science and Technology); St Thomas’ Hospital Medical School research unit
hospital building/design/facilities
history of health service research in the United Kingdom 55, 62
history of health service research in the United States 25
psychiatric care 142
regional inequality in the United Kingdom 160
St Thomas’ Hospital Medical School research unit 53, 62, 112–13, 115–17, 120–123, 199–201, 223–4, 226
hospital endowment funds 61, 106, 117, 128, 202
hospital mortality 167
hospitals
administration and management 61, 202–4, 239–40
beds 28, 90, 149, 223–4, 226
computerisation 31, 34, 240
food 7–8
health service research in the United Kingdom 35, 58, 59
in models of health service research 14
Priorities in Medical Research (House of Lords Select Committee) 188, 191–2
psychiatric patients 121–2, 141–2
stays 26–7, 28–9, 90, 113, 120–122, 199–201
utilisation 28–9
waiting times/lists 149–50, 166
see also hospital building/design/facilities; hospital endowment funds; hospital mortality
House of Lords Select Committee in Science and Technology see Priorities in Medical Research (House of Lords Select Committee on Science and Technology)
Hunter, Robert, Lord 135–6, 213
hypertension 79, 125, 148, 151, 169
hypothesis testing 8, 35, 164, 215
independence of health service research
O’Grady’s valedictory statement and responses 88, 89, 92–3
Priorities in Medical Research (House of Lords Select Committee) 195, 198, 230–231
relationship with policy-makers and health service providers 9, 10, 12, 13, 14, 15
United Kingdom 56, 59, 60
independence of medical research 48–50, 51, 53
industrialisation 5, 6, 10, 20
industry-funded medical research 188, 190, 191, 192, 196, 230
inequality in regional health services’ performance 166, 167–9, 191–2, 233
inequality in regional resource allocation 160–161, 166
infant/perinatal mortality 25, 27, 91, 162
infectious diseases 4, 33, 55, 145, 151, 168
influenza 71, 151
information dissemination 148, 150, 151, 159, 219
see also publication
information requirements, resource allocation 160–166, 207
see also data; information systems
information systems 17–18, 31, 36, 152, 167
Institute of Aviation Medicine 70, 71
intensive nursing care beds 223–4, 226
intervention research 2–3
involvement of stakeholders in health service research 76, 118, 205, 224–5, 228

Jarman deprivation score 165
Johns Hopkins University School of Hygiene 33, 73, 90, 167

Kaiser Permanente Health Foundation 24, 31, 37
Katz, S. 9, 28
Kent, England 76, 124–7, 132–4, 152–3

King’s Fund 15, 32, 61, 62, 90, 150, 202, 235
Klarman, H.E. 8–9, 15, 28, 29

knowledge 16
see also advice; consumer knowledge and expectations; data; health advice/education; medical education; medical knowledge; scientific knowledge; skills; training in health service research

Kogan, Maurice 52–3, 80, 209
Kushlick, Albert 143

laboratory automation 127–8
laws 4, 46, 49, 54, 92, 142, 157
leadership 101–2, 189
Lechat, M.F. 7
Lembcke, P.A. 26–7, 90, 167
liaison officers 204–5, 222–3, 228, 242, 250
see also research liaison groups (RLGs)
lithotripsy 128–30, 202, 228
local government
disability services in the United Kingdom 114, 155–7
history of health service research in the United States 25–6
and the NHS in the United Kingdom 76, 111, 203, 226

psychiatric care in the United Kingdom 142
service planning 111
St Thomas’ Hospital Medical School research unit 119, 121, 122, 156–7
Locally Organised Clinical Research (LOCR) funding 105, 107
see also Greenwich, London Borough, England; Harrow, London Borough, England; Lambeth, London Borough, England; London Hospital Medical School; London School of Hygiene and Tropical Medicine (LSHTM); St Thomas’ Hospital Medical School research unit

London Hospital Medical School 84, 105
London School of Hygiene and Tropical Medicine (LSHTM) 72–3, 81–2, 116, 117, 154
long-stay programmes 28, 122
lung cancer 104, 105, 132, 168, 233
management services 16, 240, 244
manpower
availability, distribution and use determination, as task of health service research 1–2, 4
health service research 199
health service research deficits in the United Kingdom 35, 245
history of health service research in the United States 24–5, 33–4
involvement of stakeholders in health service research 76, 118, 205, 224, 228
surveys, in health service research 19
market-oriented health care 4, 34, 37, 38, 166
mass miniature radiography 91, 123
maternal depression 148–9
maternal mortality 54, 91, 162, 169, 233
maternal smoking 232–3
Mays, N. 161, 163
McDonald, Corbett 71
McKee, M. 170, 233
McLachlan, Gordon 62–3, 66, 78, 93
McSwiney, Bryan 73–4, 117, 202, 203
Mechanic, D. 12, 13
media 5, 166, 168–9, 233, 237
medical charities’ funding 105, 188, 189, 191, 192, 196
medical education 25, 32, 71, 81, 188, 190, 191–3
medical knowledge 16, 55, 64–5
medical profession 30
medical records 27, 31, 36, 73–4, 90, 146, 148, 156
medical research
commissioned research 244
evaluation research 6
expenditure 239, 245, 246, 247, 248, 251
funding in the United Kingdom 14, 46, 102–5, 185, 188, 191–4, 196–7, 239, 240, 245, 246, 247, 248
Holland, Walter, personal reflections 69–72, 74, 75, 76–7, 78, 79, 83–4
randomised control trials 70, 71, 113, 221
see also history of medical research in the United Kingdom;
Priorities in Medical Research (House of Lords Select Committee on Science and Technology)
Medical Research Committee 46–7, 49
Medical Research Council (MRC)
advice 104–5
and applied health research 50, 52, 54–5, 77–8, 103, 190–191, 202
applied health research versus basic medical research 77–8, 103, 190–191, 193
and basic medical research 47, 50, 52, 54, 55, 77–8, 103, 190–191, 202
and clinical research 54, 65, 66, 78, 82, 103, 190, 196
and DHSS/Ministry of Health relationship 48–50, 81, 82, 91, 92
health service research 244, 245–6
Holland, Walter, personal reflections 72–3, 116
liaison officers 222
medical research 14, 221, 244, 245
O’Grady’s valedictory statement and responses 85, 87, 89, 90, 91, 92, 94
Priorities in Medical Research (House of Lords Select Committee) 187, 190–191, 193, 196
research units 104
St Thomas’ Hospital Medical School research unit 57
training 81
see also Medical Research Council (MRC) funding
Medical Research Council (MRC) funding
health service research 32, 54–5, 80, 151, 202, 239
medical research 14, 102–5, 245
Priorities in Medical Research (House of Lords Select Committee) 188, 189–91, 193, 196
St Thomas’ Hospital Medical School research unit 116, 134
Medical Research Fund 46
medical schools 15, 77, 188, 192–3, 194–5
see also Johns Hopkins University School of Hygiene; London Hospital Medical School; St Thomas’ Hospital Medical School; St Thomas’ Hospital Medical School research unit
medical science 75, 101
Mental Health Act 1959 (UK) 142
mental health care see psychiatric care
methodological framework, health service research 16–21
midwifery 25, 69–70
Milbank Memorial Fund 29, 32, 33
Ministry of Health Act 1919 (UK) 54, 92
Ministry of Health (UK) see Department of Health/DHSS/Ministry of Health
models see computer mathematical models; economic models; models of health service research; simulation modelling; theoretical modelling
models of health service research 10–15
Morgan, M. 7
Morrell, David 145
Morris, Jerry 31, 34, 90, 93, 104, 105, 116
mortality data 18
and health care resource allocation in the United Kingdom 162, 163, 164–5, 168–9, 223, 227
O’Grady’s valedictory statement and responses 91
and screening effects 125, 206, 213, 229
stroke patients 121, 200, 229
see also avoidable mortality; hospital mortality; infant/perinatal mortality; maternal mortality
Mountain, J.W. 25–6
multidisciplinary research evaluation of research 215, 216–17
health service research deficits in the United Kingdom 34, 35
health service research in the United Kingdom 240, 241, 242, 243
Holland, Walter, personal reflections 75, 81
methodological framework in health service research 16, 21
models of health service research 15
O’Grady’s valedictory statement and responses 88
Priorities in Medical Research (House of Lords Select Committee) 188
problems 99–100
quality of research 223
St Thomas’ Hospital Medical School research unit 75, 99, 101–2, 117–18, 205, 216
multiphasic screening 31, 91, 102, 124–7, 170, 205–6, 213, 229, 231–2
National Center for Health Services Research and Development (US) 4, 24
National Health Research Authority (NHRA) 89, 194–7, 230–231
National Health Service Act 1946 (UK) 49, 54, 92
National Health Service (NHS) computerisation 240, 243, 244 establishment 47, 49
health service performance 166, 168–9
health service research deficits in the United Kingdom 35–6, 55, 209–10, 213, 214–15
health service research in the United Kingdom 56, 61, 63
Holland, Walter, personal reflections 78
O’Grady’s valedictory statement and responses 85, 88, 89, 90, 92–3
planning 111–12, 114
Priorities in Medical Research (House of Lords Select Committee) 187–8, 189, 190, 191–8, 210
reorganisation 61, 76, 203, 213, 214, 229, 233, 236
national health service proposals, United States 4, 37
National Institute for Clinical Excellence (UK) 221
National Institute of Health (US) 167–8
National Institute of Medical Research (UK) 103
National Insurance Act 1911 (UK) 46
National Screening Committee (UK) 126, 229
Index

National Study of Health and Growth (UK) 100, 102, 227, 232
National Survey of Disability (UK) 156–7
need for health services 36, 102, 115–17, 166, 220, 227, 232
Nelson of Stafford, Lord 185, 186
Nevin, Bob 144–5
Newman, Sir George 48–9
NHS Management Board 193, 197–8
Nightingale, Florence 77, 167
Nolte, E. 233
non-government models of health service research administration 15
Norwich, United Kingdom 140
Nuffield Provincial Hospitals Trust/Nuffield Trust 15, 32, 36, 53, 62–3, 78, 88, 90, 93, 144, 166, 204
nursing/nurses
history of health service research in the United States 30
involvement in health service research 76, 118, 205, 224
medical records' computerisation 74
St Thomas’ Hospital Medical School research unit 118, 120, 140, 148, 149, 150, 200, 223–4, 224
nutrition 7–8, 100, 103, 114, 140, 141, 151–5, 170, 206, 207–8, 213, 232
Nutritional Surveillance Survey 153–5

obese children 152, 153, 154, 155, 171, 207, 227, 232
observation research methods 27, 201, 212, 213, 223–4, 225–6, 227
Office of the Chief Scientist 52–3, 64–5, 80, 192, 193–4, 209–10, 217, 222, 244, 245
O’Grady, Francis 82, 85–94, 247, 251
operational research/operational researchers
health service research in the United Kingdom 106, 107, 111–12, 224, 240
health service research in the United Kingdom compared to the United States 36

history of health service research in the United Kingdom 55–6, 57
O’Grady’s valedictory statement and responses 89
Priorities in Medical Research (House of Lords Select Committee) 194–5
regional resource allocation in the United Kingdom 163, 164, 166
paediatrics 69–70, 72, 75–6
see also child health
Palmer, G.T. 26
Peckham, Sir Michael 82, 198
peer recognition academic/professional 13, 14, 61, 81–2, 99–100
peer review 102–3, 117, 248, 250
peptic ulceration 116, 119, 227
performance of health services 166, 167–9, 233
perinatal/infant mortality 25, 27, 91, 162
Peterson, O.L. 27
physical resources 1–2
physician-patient interaction 30, 31
physicians 24–5, 27, 28, 30, 31, 35, 116, 170
see also general practice/general practitioners; surgeons/clinicians
pilot studies 2
planning health service research in the United Kingdom 35–6, 54, 56, 111–12, 114, 244
policy analysis/policy analysts, in health service research 8–10, 11, 12
policy-making/policy-makers
health service research deficits in the United Kingdom 35–6, 198, 229, 232, 235–7
health service research in the United Kingdom 63, 64
Holland, Walter, personal reflections 83, 85
in models of health service research 10, 11, 12, 13, 15
Improving health services

O’Grady’s valedictory statement and responses 85–7, 89, 92, 93, 251

Priorities in Medical Research
(House of Lords Select Committee) 187–8

research agenda for health service research 15

research in the United Kingdom 47–8

timescales in commissioning research 211–12, 223–4, 226

polyclinics (Darzi centres) 198, 235–6

Pond, Sir Desmond 66, 82, 84, 85, 246, 247

poor people/poverty 4, 29, 32, 34, 218

population studies/surveys 19, 34, 77, 115–19, 220

Portfolio for Health Volumes 1 and 2 87, 93, 114

Priorities in Medical Research (House of Lords Select Committee on Science and Technology)
applied research 190–191

funding of the National Health Research Authority (NHRA) 196–7

introduction 185–8

National Health Research Authority (NHRA) 194

National Health Service (NHS) 191–4

O’Grady’s valedictory statement and responses 85, 87, 92

public health and operational research 194–5

publication 195, 198, 230–231

reaction to the report 197–8, 210

science-led versus problem-led medical research 188–90

use of commercial consultants by the National Health Service (NHS) 195

prioritisation of research

Department of Health/DHSS/Ministry of Health 47, 248, 250, 251

O’Grady’s valedictory statement and responses 86–7, 93

problems 224–5

St Thomas’ Hospital Medical School research unit 101–2

see also Priorities in Medical Research (House of Lords Select Committee on Science and Technology)

private foundations 3–4, 14, 61, 62–3, 78
Index

private foundations’ research funding
health service research in the United
Kingdom 32, 36, 63
health service research in the United
States 3–4, 29, 32–4
Holland, Walter, personal reflections
78
O’Grady’s valedictory statement and
responses 88, 90, 93
private health care services 4, 13, 26
private research funding 48
see also King’s Fund; Nuffield
Provincial Hospitals Trust/
Nuffield Trust; private
foundations’ research funding
professional organisations 14, 25, 26,
34
professional staff involvement in health
service research 224, 228
psychiatric care 112–13, 121–2, 141–4,
235
public health
health service research 1, 2, 5, 8
history of health service research in
the United Kingdom 49, 54, 55,
89, 90, 92, 124, 151, 155, 236,
239–40
history of health service research in
the United States 25–6, 33–4
Holland, Walter, personal reflections
73, 81
Priorities in Medical Research
(House of Lords Select
Committee) 194–5, 230–231

quality of health care services 2–3, 24,
26–9, 35, 36, 37–8, 167–8
see also performance of health
services
quality of health service research
Holland, Walter, personal reflections
82, 83
in models of health service research
14
multidisciplinary research 223
O’Grady’s valedictory statement and
responses 88, 89, 91, 93
St Thomas’ Hospital Medical School
research unit 101, 216
United Kingdom 56, 65, 66, 242

RAND Corporation 38
randomised control trials
ethics 129, 130, 202, 228
medical research 70, 71, 113, 221
St Thomas’ Hospital Medical School
research unit 120–121, 124–7,
136–8, 148, 199–201, 202,
205–6, 228, 229, 231–2
regional/district health authorities
health service research in the United
Kingdom 60, 88, 162, 169, 170,
202, 203–4, 222, 235
Priorities in Medical Research
(House of Lords Select
Committee) 186–7, 192–3, 196
regional government 13–14
see also local government; regional
district/health authorities;
regional health services;
regional health services’
performance; regional hospital
boards; regional resource
allocation
regional health services’ performance
166, 167–9, 227, 233
regional hospital boards 91, 142, 161,
164, 202
Improving health services

regional resource allocation 9, 161–6, 168–9, 191–2, 207, 227
registers of health data 17–18
Reid, Donald 72, 73, 77
relationships 52–4, 205, 209–10, 211, 222–3, 224, 241
research agenda 12, 15, 16, 31, 50, 51, 59, 61, 80, 223
see also prioritisation of research
research councils 46, 50–51, 52, 63, 105, 188, 190, 208–9, 212
see also Economic and Social Research Council (ESRC); Medical Research Council (MRC)
research interest, commissioning research 225
research liaison groups (RLGs) 15, 53, 80, 86, 244
see also liaison officers
research units
coodination 244
described 240–241
evaluation of research 215–17
origins 57, 58–62, 80
research expenditure 108, 109
training 81–2
see also Birmingham University research unit; St Thomas’ Hospital Medical School research unit; University of Newcastle research unit
researchers
health service research in the United Kingdom 56–7, 61, 62
Holland, Walter, personal reflections 75, 76
in models of health service research 10–12
O’Grady’s valedictory statement and responses 86, 87, 89
personal coordination 206–11
Priorities in Medical Research
(House of Lords Select Committee) 196–7, 210
relationships 52–4, 205, 209–10, 222–3, 228, 241
research agenda for health service research 15
see also career structures;
indpendence of health service research; independence of medical research; involvement of stakeholders in health service research; publication; salaries;
training in health service research
resource allocation 9, 160–166, 191–2, 206–7, 207
resources 1–2, 3, 9, 121, 191, 201
see also accommodation; regional resource allocation; resource allocation
respiratory disease
Holland, Walter, personal reflections 70–71, 72, 73, 75–6, 77
O’Grady’s valedictory statement and responses 91
St Thomas’ Hospital Medical School research unit 132–5, 136–41, 152–4, 232–3
see also cardiorespiratory disease, chronic; tuberculosis
Rockefeller Foundation 32, 33–4, 72
Roemer, M.I. 27, 28
Rotherham, England 123–4
routine data 212, 219–20, 225–6
Royal Air Force (RAF) 70–71, 75
Royal College of General Practitioners (RCGP) 36, 144, 146, 151
rubella 7, 168
Rutstein Working Group 167–8
salaries 57, 73, 231
Sanazaro, P.J. 1, 4, 30
school meals and milk, free 100, 102, 152–5, 207–8, 232
scientific knowledge 6–7, 49, 53, 207–8
Index

Scotland 34, 62, 90, 153–5, 190, 192, 194, 243, 245
screening see health screening; multiphasic screening
self care 147, 148
Sharpey-Schafer, E.P. 65, 71–2, 74, 83
Shepherd, M. 142–3
short-stay programmes 90, 113, 120–121, 199–201
simulation modelling 19–20
skills 14, 15, 16, 18, 20, 21, 208, 223
skin disease 116, 119, 139, 168, 227
smoking 75–6, 102, 131–2, 133–8, 163, 207, 232–3, 235
social costs 120–121, 200, 206
social deprivation 164, 165, 169
social factors 4–5, 6, 157, 158, 159
social medicine 15, 37, 56–7, 65, 74–5, 77
social sciences/social scientists
health service research in the United Kingdom 57, 65, 66, 240
health service research in the United States 36
Holland, Walter, personal reflections 80, 84
methodological framework in health service research 16
multidisciplinary research 100
St Thomas’ Hospital Medical School research unit 75, 101
social security 56, 120–121, 200, 243, 246, 248
see also health insurance, United States
Social Security Act (US) 4
social service provision, for disabled persons 159–60
social ties, and disability 158
sociology 16, 24, 28, 29–30, 81, 99–100, 101, 117–18, 165
Southampton University Department of Medicine 138–9
St Thomas’ Hospital Medical School 57, 65, 69–70, 71–2, 73, 83
see also St Thomas’ Hospital Medical School research unit
St Thomas’ Hospital Medical School research unit
avoidable mortality 168–70, 227, 233
disability 155–60, 232
establishment 58, 59–60, 61, 74–7, 81–2, 83
evaluation of research 216
funding for health service research 116, 117, 124, 134, 136, 145, 205, 231
general practice 144–50
health service research expenditure 108, 109
information and resource allocation 161–5, 207
intensive nursing care beds 223–4, 226
Lambeth studies 117–19, 202–4, 219, 227
medical/health care need 102, 115–17
multidisciplinary research 75, 99, 101–2, 117–18, 216
nutrition 152–5, 207–8, 232
psychiatric patient care 142
publication of research 218
randomised control trials 136–8, 148, 199–201, 202, 205–6, 228, 229, 231–2
screening/early diagnosis 124–7, 131, 205–6, 229, 231–2
smoking and respiratory disease 131–41, 232–3
technological assessment 128–31, 202, 228
training in health service research 59, 76, 81–2, 101, 216
Standardised Mortality Ratios (SMR) 163, 164–5, 168–9, 227, 233
state government, United States 25–6
statistics/statisticians
history of health service research in the United Kingdom 56, 240
history of health service research in the United States 26
Improving health services

Holland, Walter, personal reflections
73, 75, 76
methodological framework in health service research 16
multidisciplinary research 100
St Thomas’ Hospital Medical School research unit 75, 101
stroke patients 113, 121, 200–201, 229, 243
surgeons/clinicians 90, 116, 120, 128, 129, 130, 199–200, 202, 228, 235
Sydenstricker, E. 26, 28
symptoms 147–8
Taylor, Stephen 144–5
technological development 4, 5
technological/technical assessment 2–3, 5, 19, 31–2, 128–31, 202, 228
theoretical modelling 9, 19–20, 113–14
theoretical research 34, 35, 36
timescales
health policy analysis and health service research relationship 8–9
health service research in the United Kingdom 211–15, 223–4, 226–7, 236
methodological framework in health service research 20
St Thomas’ Hospital Medical School research unit 233
tobacco substitutes/low tar cigarettes 135–8, 233
training in health service research funding in the United Kingdom 59, 81, 103, 237
Holland, Walter, personal reflections 72–3
O’Grady’s valedictory statement and responses 93
Priorities in Medical Research (House of Lords Select Committee) 196, 198
St Thomas’ Hospital Medical School research unit 59, 76, 81–2, 101, 216
United Kingdom 59
‘trench foot’ 78, 103
Trend, Sir Burke 49–50
Trent Regional Health Authority 164, 186, 192–3
tuberculosis 70, 91, 103, 123, 139, 221, 233
United Kingdom see health service research in practice in the United Kingdom; health service research in the United Kingdom; history of health service research in the United Kingdom; Priorities in Medical Research (House of Lords Select Committee on Science and Technology); Scotland; St Thomas’ Hospital Medical School research unit; individual cities/towns/counties/boroughs
United States see health service research in the United States; history of health service research in the United States
universities
health service research in the United Kingdom 57, 58, 59, 240
history of health service research in the US 4
in models of health service research 14
Priorities in Medical Research (House of Lords Select Committee) 188, 191
training in health service research 81, 101
see also Birmingham University research unit; Johns Hopkins University School of Hygiene; Southampton University Department of Medicine; University of Newcastle research unit
University of Newcastle research unit 59, 108, 109
urology 128–30
vaccines 7, 70–71, 90
Index

varicose veins 90–91, 113, 120–121, 200
vascular system 69–70
see also cardiovascular disease;
varicose veins

Wennberg, J. 166
Wessex, United Kingdom 143
White, K.L. 4, 29, 31, 34, 38
Whitehead, Tom 58, 93, 108, 109, 127

Williams, Alan 57, 93
Wilson, J.M.G. 56, 63–4, 66, 91, 106, 123, 124, 205, 209, 222
W.K. Kellogg Foundation 29, 32, 33
Woodall, John 124, 205
World Health Organisation 1, 82, 109, 123, 205, 216
Wyn Owen, John 61, 202–3, 204

Yellowlees, Sir Henry 65, 78
Young, Maureen 69–70