
Public Health Reports

Issued Weekly by the
PUBLIC HEALTH SERVICE

Volume 63—Part II

Nos. 27–53

July–December 1948

CONTENTS



FEDERAL SECURITY AGENCY

PUBLIC HEALTH SERVICE

B17
V. 63
20

FEDERAL SECURITY AGENCY

Oscar R. Ewing, Administrator

PUBLIC HEALTH SERVICE

Leonard A. Scheele, Surgeon General

Division of Public Health Methods

G. St. J. Perrott, Chief of Division

The **PUBLIC HEALTH REPORTS** is printed with the approval of the Bureau of the Budget as required by Rule 42 of the Joint Committee on Printing (August 20, 1949).

The **PUBLIC HEALTH REPORTS**, first published in 1878 under authority of an act of Congress of April 29 of that year, is issued weekly by the Public Health Service through the Division of Public Health Methods, pursuant to the following authority of law: United States Code, title 42, sections 241, 245, 247; title 44, section 220.

It contains (1) current information regarding the incidence and geographic distribution of communicable diseases in the United States, insofar as data are obtainable, and of cholera, plague, smallpox, typhus fever, yellow fever, and other important communicable diseases throughout the world; (2) articles relating to the cause, prevention, and control of disease; (3) other pertinent information regarding sanitation and the conservation of the public health.

The **PUBLIC HEALTH REPORTS** is published primarily for distribution, in accordance with the law, to health officers, members of boards or departments of health, and other persons directly or indirectly engaged in public health work. Articles of special interest are issued as reprints or as supplements in which forms they are made available for more economical and general distribution.

Requests for and communications regarding the **PUBLIC HEALTH REPORTS**, reprints, or supplements should be addressed to the Surgeon General, Public Health Service, Washington 25, D. C. Subscribers should remit direct to the Superintendent of Documents, Washington 25, D. C.

Librarians and others should preserve their copies for binding, as the Public Health Service is unable to supply the general demand for bound copies. Indexes will be supplied upon request.

UNITED STATES GOVERNMENT PRINTING OFFICE, WASHINGTON, D. C. : 1950

For sale by the Superintendent of Documents, U. S. Government Printing Office
Washington 25, D. C. Index, 10 cents. Regular issues, 10 cents. Subscription price \$4.00 a year.

Public Health Reports

Subject Index

Key to Dates and Pages

No.	Date of issue	Pages	No.	Date of issue	Pages
27	July 2	865-900	41	Oct. 8	1319-1349
28	July 9	901-932	42	Oct. 15	1351-1378
29	July 16	933-964	43	Oct. 22	1379-1410
30	July 23	965-990	44	Oct. 29	1411-1438
31	July 30	991-1025	45	Nov. 5	1439-1482
32	Aug. 6	1027-1057	46	Nov. 12	1483-1506
33	Aug. 13	1059-1082	47	Nov. 19	1507-1533
34	Aug. 20	1083-1110	48	Nov. 26	1535-1566
35	Aug. 27	1111-1145	49	Dec. 3	1567-1609
36	Sept. 3	1147-1186	50	Dec. 10	1611-1634
37	Sept. 10	1187-1213	51	Dec. 17	1635-1666
38	Sept. 17	1215-1246	52	Dec. 24	1667-1698
39	Sept. 24	1247-1282	53	Dec. 31	1699-1726
40	Oct. 1	1283-1318			

A

	Page
Actinomycosis cases: Quarterly reports.....	954, 1428
Alaska: Communicable diseases - 894, 927, 958, 984, 1053, 1074, 1107, 1137, 1183, 1207, 1242, 1276, 1315, 1342, 1375, 1407, 1431, 1477, 1501, 1529, 1560, 1603, 1631, 1663, 1695, 1716.	
Anthrax cases:	
Quarterly reports.....	950, 1424
Weekly city reports.....	1018
Weekly State reports.....	984, 1137, 1207, 1276, 1431, 1603, 1631, 1663, 1717
Antigen sensitivity and pulmonary findings among student nurses [Edwards, Lewis, and Palmer].....	1569
Antigenic sensitivity and pulmonary infiltration of obscure origin—Editorial [Long].....	1567
Arm rest for use in microscopy [Spendlove, Cummings, and Patnode]....	1046

B

Bactericidal properties of chloramines and free chlorine in water [Butterfield].....	934
Beyond case finding—Editorial [Weber].....	1027
Blood pressure and heart disease, correlation of, with height and weight and variation of, with age: Farm families [Gover].....	1083
Botulism cases: Quarterly reports.....	954, 1428

	Page
Canada Provinces—Communicable diseases—	898, 931, 962, 1019, 1055, 1079, 1108, 1138, 1185, 1211, 1243, 1277, 1316, 1346, 1377, 1408, 1433, 1479, 1502, 1531, 1561, 1607, 1632, 1664, 1697, 1720
Cancer:	
Cases: Quarterly reports	954, 1428
Control, the pharmacist's place in [Kaiser]	1111
Legislation, a half century of State [Deibert]	1128
Of the respiratory system in the United States chromate-producing industry [Machle and Gregorius]	1114
Carbon tetrachloride poisoning. A report on ten cases at the U. S. Marine Hospital, Seattle, Washington, since 1937 [Abbott and Miller]	1619
Case finding and the private practitioner—Editorial [Weber]	865
Ceylon: Poliomyelitis	931, 1697
Chest X-ray survey at Minneapolis, Minnesota, preliminary report on a community-wide [Roemmich, Weber, Hill and Amos]	1285
Chickenpox cases: Quarterly reports	950, 1424
Cholera: Foreign reports—	899, 932, 964, 989, 1020, 1057, 1110, 1139, 1186, 1212, 1245, 1277, 1318, 1348, 1378, 1409, 1433, 1480, 1503, 1532, 1561, 1608, 1633, 1698
Chronic illness and socio-economic status [Lawrence]	1507
Coccidioidomycosis cases: Quarterly reports	954, 1428
Colombia, vaccination requirements for persons leaving	1145
Colorado tick fever cases: Quarterly report	1428
Combined typhus-malaria control residual spray operations with five percent DDT emulsion [Nicholson, Gaines, McWilliams, and Vetter]	1005
Communicable disease charts:	
Diphtheria	1209, 1475, 1604, 1718
Measles	1345, 1604
Poliomyelitis	1077, 1209, 1345, 1475, 1604, 1718
Scarlet fever	1475
Typhoid and paratyphoid fever	1077, 1209
Whooping cough	1077, 1345, 1718
Communicable diseases—Current incidence by States—	891, 924, 955, 981, 1014, 1051, 1073, 1106, 1136, 1182, 1206, 1241, 1274, 1313, 1340, 1373, 1405, 1429, 1474, 1499, 1527, 1558, 1601, 1629, 1661, 1693, 1715
Conjunctivitis cases: Quarterly reports	950, 1424
Cuba:	
Habana—Communicable diseases	962, 1109, 1212, 1346, 1479, 1664
Provinces—Notifiable diseases	962, 1109, 1212, 1346, 1479, 1664
D	
DDT:	
Airplane application of, for emergency control of common flies in the urban community [Krusé]	1535
Dusting operations, evaluation of county-wide, in murine typhus control [Hill and Morlan]	1635
Deaths: Large cities—Weekly reports (weekly mortality index)—	900, 932, 949, 988, 1018, 1054, 1078, 1105, 1144, 1181, 1210, 1245, 1282, 1318, 1343, 1376, 1410, 1432, 1478, 1505, 1530, 1557, 1605, 1634, 1666, 1696, 1719
Dengue cases: Quarterly reports	954, 1428
Dental caries experience, effect of topically applied fluoride. VI. Experiments with sodium fluoride and calcium chloride . . . Widely spaced applications . . . Use of different solution concentrations [Galagan and Knutson]	1215
Dental research act	1063
Dentist-time for children's services [Landsiedel and Altman]	1221
Depression of tuberculin and histoplasmin sensitivity associated with critical illness [Furcolow, Emge and Bunnell]	1290
Dermatitis:	
Cases: Quarterly reports	954, 1428
Cercarial, occurrence of, in Green Lake, Seattle, Washington [Ferguson]	1692
Diabetes, is mortality increasing? [Moriyama]	1334

	Page
Diarrhea cases: Quarterly reports.....	954, 1428
Diarrheal disease:	
Control studies. I. Effect of fly control in a high morbidity area [Watt and Lindsay].....	1319
Mortality, trends of, in the United States 1941-1946, inclusive [Hemphill].....	1699
Diphtheria:	
Cases:	
Four-week summary by geographic area.....	978, 980
Quarterly reports.....	950, 1424
Weekly city reports.....	895, 928, 959, 985, 1016
Weekly State reports.....	892, 925, 956, 982, 1015, 1052, 1074, 1107, 1137, 1183, 1207, 1242, 1275, 1314, 1341, 1374, 1406, 1430, 1476, 1500, 1528, 1559, 1602, 1630, 1662, 1694, 1716
<i>C. diphtheriae</i> , reduced tellurite medium for isolating and typing [Galbraith, Bramhall and Fraser].....	1203
Disabling sickness, studies on the duration of. VII. Duration table for specific causes of disability among male workers [Gafafer, Frasier and Sitgreaves].....	901
Dog bite cases: Quarterly reports.....	954, 1428
Dysentery cases:	
Quarterly reports.....	950, 1424
Weekly city reports.....	897, 930, 961, 987, 1018
Weekly State reports.....	894, 927, 958, 984

E

Encephalitis, infectious, cases:	
Quarterly report.....	950, 1424
Weekly city reports.....	895, 928, 959, 985, 1016
Weekly State reports.....	894, 927, 958, 984, 1015, 1052, 1074, 1107, 1137, 1183, 1207, 1242, 1275, 1314, 1341, 1374, 1406, 1430, 1476, 1500, 1528, 1559, 1602, 1630, 1662, 1694, 1716
Enhancement of growth of a strain of <i>M. tuberculosis</i> (var. hominis) by streptomycin [Spendlove, Cummins, Fackler, and Michael].....	1177
Erysipelas cases: Quarterly report.....	1428
Estimated population in thousands by States, July 1, 1946—map.....	1048

F

Farm Security Administration, physical impairments of members of low-income farm families examined by.....	1083
Favus cases: Quarterly report.....	954
Federal water pollution control program.....	1066
Filariasis cases: Quarterly report.....	1428
Finland: Notifiable diseases.....	964, 1185, 1317, 1377, 1531, 1632, 1697
Fluoride, topically applied, effect on dental caries experience. VI. Experiments with sodium fluoride and calcium chloride . . . Widely spaced applications . . . Use of different solution concentrations [Galagan and Knutson].....	1215
Food poisoning cases: Quarterly reports.....	954, 1428
Foreign reports—Quarantinable diseases.....	898, 931, 962, 989, 1019, 1055, 1079, 1108, 1138, 1185, 1211, 1243, 1277, 1316, 1346, 1377, 1408, 1433, 1479, 1502, 1531, 1561, 1607, 1632, 1664, 1697, 1720

G

German measles cases: Quarterly reports.....	950, 1424
Gold Coast: Yellow fever.....	1144
Gonorrhoea, prevention of, with penicillin tablets. Preliminary report [Eagle, Gude, Beckmann, Mast, Saper, and Shindledecker].....	1411
Granuloma inguinale cases: Quarterly reports.....	954, 1428

H		Page
Hawaii: Communicable diseases.....	894, 927, 958, 984, 1015, 1053, 1074, 1107, 1137, 1183, 1207, 1242, 1276, 1315, 1342, 1375, 1407, 1431, 1477, 1501, 1529, 1560, 1603, 1631, 1663, 1695, 1716	
Heart act, national.....		1059
Heart diseases, statistical studies of. II. Important factors in heart disease mortality trends [Woolsey and Moriyama].....		1247
Histoplasmin sensitivity:		
Depression of tuberculin and, associated with critical illness [Furcollow, Emge, and Bunnell].....		1290
In certain cities in eastern Kansas, variations in [Bunnell and Furcollow].....		1298
Histoplasmosis in wild rats. Occurrence and histopathology [Emmons and Ashburn].....		1416
Hookworm disease cases: Quarterly reports.....		950, 1424
Hospital:		
Beds for the tuberculous—Editorial [Anderson].....		1439
Discharge of the tuberculous, irregular, problem of [Tollen].....		1441
Survey and construction act amendments.....		1068
I		
Iceland: Poliomyelitis.....		1720
Impetigo contagiosa cases: Quarterly reports.....		954, 1428
Incidence of communicable disease, four-week summary.....		978
Income, per capita—1946—map.....		1049
Industrial sickness absenteeism. Males and females, 1947, and males first and second quarters, 1948 [Gafafer].....		1489
Influenza cases:		
Four-week summary by geographic area.....		979, 980
Quarterly reports.....		950, 1424
Weekly city reports.....	895, 928, 959, 985, 1016	
Weekly State reports.....	892, 925, 956, 982, 1074, 1107, 1275, 1314, 1341, 1374, 1406, 1430, 1476, 1500, 1528, 1559, 1602, 1630, 1662, 1694, 1716	
Irregular discharge. Problem of hospitalization of the tuberculous [Tollen].....		1441
J		
Jamaica: Notifiable diseases.....	899, 1079, 1109, 1211, 1377, 1531, 1720	
Japan: Notifiable diseases.....	963, 1138, 1317, 1347, 1409, 1480, 1502, 1665	
Jaundice cases: Quarterly reports.....		954, 1428
K		
Kala azar cases: Quarterly report.....		1428
Knee stanchion [Krueger].....		1498
L		
Laboratory services and tuberculosis—Editorial [Weber].....		1147
Laws, public health, new.....		1059
Legislation, miscellaneous.....		1071
Leprosy:		
Cases:		
Quarterly reports.....		954, 1428
Weekly city reports.....		930, 987
Weekly State reports.....		894, 958, 984
Factors in public health management [McCoy].....		1522
Liberia, United States health missions in [West].....		1351
Liquid aseptic medium for the isolation of <i>Mycobacterium tuberculosis</i> from pathological material [Sula].....		867
Lymphocytic choriomeningitis cases: Quarterly reports.....		954, 1428
Lymphogranuloma venereum cases: Quarterly reports.....		954, 1428

M

	Page
Madagascar: Notifiable diseases.....	963, 1056, 1244, 1347, 1503, 1607
Malaria cases: Quarterly reports.....	950, 1424
Malay States (Federated): Poliomyelitis.....	1697
Measles cases:	
Four week summary by geographic area.....	978, 980
Quarterly reports.....	950, 1424
Weekly city reports.....	895, 928, 959, 985, 1016
Weekly State reports.....	892, 925, 956, 982, 1015, 1137, 1183, 1207, 1242, 1275, 1314, 1341, 1374, 1406, 1430, 1476, 1500, 1528, 1559, 1602, 1630, 1662, 1694, 1716
Membership in World Health Organization.....	1070
Meningitis, meningococcal, cases:	
Four-week summary by geographic area.....	979, 980
Quarterly reports.....	950, 1424
Weekly city reports.....	895, 928, 959, 985, 1016
Weekly State reports.....	892, 925, 956, 982, 1015, 1052, 1074, 1107, 1137, 1183, 1207, 1242, 1275, 1314, 1341, 1374, 1406, 1430, 1476, 1500, 1528, 1559, 1602, 1662, 1630, 1694, 1716
Mexico: Poliomyelitis.....	1632
Mononucleosis cases: Quarterly reports.....	954, 1428
Morbidity reporting in local areas. II. The problem of completeness of reporting [West].....	1187
Morbidity, specific diseases:	
Quarterly report, by States.....	950, 1424
Weekly city reports.....	895, 928, 959, 985, 1016
Weekly State reports.....	891, 924, 955, 981, 1014, 1051, 1073, 1106, 1136, 1182, 1206, 1241, 1274, 1313, 1340, 1373, 1405, 1429, 1474, 1499, 1527, 1558, 1601, 1629, 1661, 1693, 1715
Mumps cases: Quarterly reports.....	950, 1424

N

Netherlands:	
Amsterdam—Psittacosis.....	1243, 1632
Indies—Poliomyelitis.....	1532, 1697
New Zealand:	
Notifiable diseases.....	1056, 1080, 1347, 1480, 1503, 1633
Poliomyelitis.....	1720
Nicaragua: Poliomyelitis.....	1720
Norway: Notifiable diseases.....	899, 1055, 1080, 1244
Notifiable diseases:	
First quarter, 1948.....	950
Second quarter, 1948.....	1424
Nurse education, some qualitative and quantitative factors in [Vreeland]..	1667
Nurses, public health, number of rural and urban, January 1, 1947—map..	1050

O

Ophthalmia cases: Quarterly reports.....	950, 1424
--	-----------

P

Panama Canal Zone: Notifiable diseases.....	1054, 1184, 1376, 1432, 1605, 1696
Pellagra cases: Quarterly reports.....	950, 1424
Per capita income—1946—map.....	1049
Pharmacist's place in cancer control [Kaiser].....	1111
Physical impairments of members of low-income farm families—Blood pressure and heart disease [Gover].....	1083
Plague: Foreign reports.....	899, 964, 989, 1021, 1057, 1080, 1110, 1140, 1186, 1213, 1245, 1278, 1318, 1348, 1378, 1409, 1434, 1480, 1504, 1532, 1562, 1608, 1633, 1665, 1698, 1722

	Page
Plague infection:	
California.....	961, 1019, 1184, 1243
Kansas.....	988
New Mexico.....	898, 988, 1019, 1078, 1108, 1184, 1243
Oregon.....	988
Texas.....	1210
United States in 1947.....	1102
Utah.....	1478
Washington.....	898, 930, 1432, 1530, 1696
Wyoming.....	1078
Pneumonia cases:	
Quarterly reports.....	950, 1424
Weekly city reports.....	895, 928, 959, 985, 1016
Weekly State reports.....	1074, 1275, 1314, 1341, 1374, 1406, 1430, 1476, 1500, 1528, 1559, 1602, 1630, 1662, 1694, 1716
Poliomyelitis cases:	
Four-week summary by geographic area.....	978, 980
Increase.....	1075
In England and Wales.....	1370
Quarterly reports.....	952, 1426
Weekly city reports.....	895, 928, 959, 985, 1016
Weekly State reports.....	893, 926, 957, 983, 1015, 1052, 1074, 1107, 1137, 1183, 1207, 1208, 1242, 1275, 1314, 1341, 1344, 1374, 1406, 1430, 1476, 1500, 1528, 1559, 1602, 1630, 1662, 1694, 1716
Psittacosis cases:	
Quarterly reports.....	954, 1428
Weekly State reports.....	894, 1242, 1375, 1477, 1501, 1695
Public health laws, new:	
Dental research act.....	1063
Federal water pollution control program.....	1066
Hospital survey and construction act amendments.....	1068
Membership in World Health Organization.....	1070
Miscellaneous legislation.....	1071
National heart act.....	1059
Public Health Service:	
Celebrates one hundred and fiftieth birthday.....	933
Publications—January—June 1948.....	1551
Puerperal septicemia cases: Quarterly reports.....	954, 1428
Puerto Rico: Notifiable diseases.....	931, 1078, 1316, 1343, 1408, 1478, 1606, 1719
Pulmonary findings and antigen sensitivity among student nurses [Edwards, Lewis and Palmer].....	1569

Q

Q fever:	
Studies in southern California:	
Natural infection in a dairy cow. V. [Jellison et al.].....	1611
Occurrence of <i>Coxiella burneti</i> in the spinose tick, <i>Otobius megnini</i> . IV. [Jellison et al.].....	1483
Recovery of <i>Coxiella burneti</i> from butter made from naturally infected and unpasteurized milk. VIII. [Jellison et al.].....	1712
Three cases of laboratory infection [Oliphant and Parker].....	1384

R

Rabies, in animals, cases:	
Quarterly reports.....	954, 1428
Weekly State reports.....	1275, 1314, 1341, 1374, 1406, 1430, 1476, 1500, 1528, 1559, 1602, 1630, 1662, 1694, 1716
Rabies, in man, cases:	
Quarterly reports.....	952, 1426
Weekly State reports.....	1603
Relapsing fever cases: Quarterly reports.....	954, 1428
Rheumatic fever cases: Quarterly reports.....	952, 1426
Rickettsialpox cases: Quarterly reports.....	954, 1428
Ringworm disease cases: Quarterly reports.....	954, 1428

Rocky Mountain spotted fever cases:	Page
Quarterly reports.....	952, 1426
Weekly city reports.....	930, 987
Weekly State reports.....	894, 927, 958, 984, 1015,
1052, 1074, 1107, 1137, 1183, 1207, 1242, 1275, 1314, 1341, 1374,	
1406, 1430, 1476, 1500, 1528, 1559, 1602, 1630, 1662, 1694, 1716	

S

Scabies cases: Quarterly reports.....	954, 1428
Scarlet fever cases:	
Four-week summary by geographic area.....	979, 980
Quarterly reports.....	952, 1426
Weekly city reports.....	895, 928, 959, 985, 1016
Weekly State reports.....	893, 926, 957, 983, 1015,
1052, 1074, 1107, 1137, 1183, 1207, 1242, 1275, 1314, 1341, 1374,	
1406, 1430, 1476, 1500, 1528, 1559, 1602, 1630, 1662, 1694, 1716	
Schistosomiasis cases: Quarterly reports.....	954, 1428
Septic sore throat cases: Quarterly reports.....	952, 1426
Serological characterization of North Queensland tick typhus [Lackman and Parker].....	1624
Silicosis cases: Quarterly reports.....	954, 1428
Smallpox cases:	
Foreign reports.....	900, 932, 964, 990, 1022,
1057, 1081, 1110, 1141, 1186, 1213, 1245, 1279, 1318, 1348, 1378,	
1410, 1435, 1481, 1504, 1533, 1563, 1608, 1634, 1666, 1698, 1723	
Four-week summary by geographic area.....	979, 980
Quarterly reports.....	952, 1426
Weekly city reports.....	895, 928, 959, 985, 1016
Weekly State reports.....	893, 926, 957, 983, 1052, 1074, 1107, 1137, 1275,
1314, 1341, 1374, 1406, 1430, 1476, 1500,	
1528, 1559, 1602, 1630, 1662, 1694, 1716	
Straits Settlements: Poliomyelitis.....	932, 1348, 1378, 1697
Syphilis, experimental, attempt to produce an arsenic-resistant strain of <i>Spirochaeta pallida</i> , in [Probey].....	1654

T

Techniques in evaluation of rapid antisymphilitic therapy [Iskrant, Bowman and Donohue].....	965
Tellurite medium for isolating and typing <i>C. diphtheriae</i> [Galbraith, Bramhall and Fraser].....	1203
Tetanus cases: Quarterly reports.....	952, 1426
Tetrazolium derivative, new, effects on tissue, bacteria and onion root tips [Antopol, Glaubach and Goldman].....	1231
Tick typhus, North Queensland, serological characterization of [Lackman and Parker].....	1624
Trachoma cases: Quarterly reports.....	952, 1426
Transfer of malarial parasites between blood films during mass staining procedures [Brooke and Donaldson].....	991
Trichinosis cases: Quarterly reports.....	952, 1426
Tubercle bacilli growth, effect of different methods of coagulation of culture media on [Cummings, Drummond and Lewis].....	1305
Tuberculin and histoplasmin sensitivity associated with critical illness, depression of [Furcolow, Emge and Bunnell].....	1290
Tuberculosis:	
Cases:	
Number of (all forms).....	1047
Quarterly reports.....	952, 1426
Deaths:	
In the United States by county, 1946.....	1149
Number of, and cases (all forms) United States, 1946—map.....	1047
Early recognition of—Editorial [Weber].....	1283
Emotional factors in [Ludwig].....	883
Laboratory services and—Editorial [Weber].....	1147
Mortality in the United States, 1946 [Halpin].....	1029

Tularemia cases:	
Quarterly reports.....	952, 1426
Weekly city reports.....	1018
Weekly State reports.....	894, 927, 958, 984, 1015,
1052, 1074, 1107, 1137, 1183, 1207, 1242, 1275, 1314, 1341, 1374,	
1406, 1430, 1476, 1500, 1528, 1559, 1602, 1630, 1662, 1694, 1716	
Typhoid and paratyphoid fever cases:	
Four-week summary by geographic area.....	979, 980
Quarterly reports.....	952, 1426
Weekly city reports.....	895, 928, 959, 985, 1016
Weekly State reports.....	893, 926, 957, 983, 1015,
1052, 1074, 1107, 1137, 1183, 1207, 1242, 1275, 1314, 1341, 1374,	
1406, 1430, 1476, 1500, 1528, 1559, 1602, 1630, 1662, 1694, 1716	
Typhus fever:	
Foreign reports.....	900, 932, 990, 1023, 1081, 1110, 1442, 1186, 1245, 1280,
1349, 1410, 1437, 1481, 1504, 1533, 1565, 1609, 1634, 1666, 1724	
Relation of reported cases to location, temperature, and precipitation	
[Eskey and Hemphill].....	941
Typhus fever, endemic cases:	
Quarterly reports.....	952, 1426
Weekly city reports.....	895, 930, 987, 1018
Weekly State reports.....	894, 927, 958, 984

U

Undulant fever cases:	
Quarterly reports.....	952, 1426
Weekly State reports.....	894, 927, 958, 984

V

Vaccination requirements for persons leaving Colombia.....	1145
Viable insect egg mass transported on outside of aircraft [Buren].....	1404
Vincent's infection cases: Quarterly reports.....	952, 1426
Virgin Islands of the United States: Notifiable diseases.....	1185, 1606

W

Water pollution control:	
Federal, program.....	1066
United States-Canadian boundary waters.....	1238
Whooping cough cases:	
Four-week summary by geographic area.....	980
Quarterly reports.....	952, 1426
Weekly city reports.....	895, 928, 959, 985, 1016
Weekly State reports.....	894, 927, 958, 984, 1015, 1052,
1074, 1107, 1137, 1183, 1207, 1242, 1275, 1314, 1341, 1374,	
1406, 1430, 1476, 1500, 1528, 1559, 1602, 1630, 1662, 1694, 1716	
World Health Assembly, first [Doull and Kramer].....	1379
World Health Organization, membership in.....	1070

Y

Yaws cases: Notifiable diseases.....	1428
Yellow fever: Foreign reports.....	900, 990, 1024, 1110, 1144, 1186, 1213,
1282, 1318, 1349, 1438, 1481, 1505, 1533, 1566, 1666, 1698, 1726	

Public Health Service

Author Index

Includes papers by Public Health Service personnel printed in Public Health Reports and other publications July–December 1948

A

- Abbott, Gordon A. (and Miller): Carbon tetrachloride poisoning. A report on ten cases at the U. S. Marine Hospital, Seattle, Washington, since 1937. *Pub. Health Rep.* **63**: 1619.
- Abelson, Philip H. (and Duryee): Permeability of frog eggs to radioactive ions of a ringer medium (abstract). *Anat. Rec.* **101**: 653.
- Adams, Elijah: *See* Roberts, Sidney (Adams, and White).
- Akins, Harvey: *See* Johnson, H. A. (and Akins).
- Alford, William C.: *See* Dautrebande, Lucien (Alford, Highman, Downing, and Weaver); Dautrebande, Lucien (Highman, Alford, Weaver, and Thompson); Highman, Benjamin (Svirbely, von Oettingen, Alford, and Pecora).
- *Algire, Glenn H. (and Legallais): The transparent chamber technique in the mouse in the study of tumor histophysiology (abstract). *Federation Proc.* **7**: 268.
- Altland, Paul D.: Acclimatization response of the adrenal gland of rats during discontinuous exposures to high altitude. *Proc. Pennsylvania Acad. Sc.* **22**: 35.
- Recovery rate from some of the effects of chronic intermittent hypoxia in rats (abstract). *Anat. Rec.* **101**: 668.
- Altman, Isidore: *See* Landsiedel, Erna (and Altman).
- Amos, Lucille: *See* Roemmich, William (Weber, Hill, and Amos).
- Anderson, Evelyn (and Haymaker): Influence of the hypothalamus on sexual function. *J. Am. Med. Women's Assoc.* **3**: 402; 457.
- (Kinsell, Daniels, and Henderson): The intraoral administration of desoxycorticosterone acetate tablets in the treatment of Addison's disease. *J. Clin. Endocrinol.* **8**: 884.
- Anderson, Robert J.: Hospital beds for the tuberculous—Editorial. *Pub. Health Rep.* **63**: 1439.
- *See also* Weber, Francis J. (and Anderson).
- *Andervont, Howard B.: Variations in activity of the mouse mammary tumor agent. *Acta Unio Internationalis Contra Cancrum* **6**: 179.
- (and Dunn): Further studies on the relation of the mammary-tumor agent to mammary tumors of hybrid mice. *J. Nat. Cancer Inst.* **9**: 89.
- *See also* Kahler, Herbert (and Andervont).
- Andrews, Howard L.: *See* Lapp, Ralph E. (and Andrews).
- *Andrews, Justin M.: Developments in the use of the newer organic insecticides of public health importance. *Am. J. Pub. Health* **38**: 613.
- Present proportions of the malaria problem in the Nearctic region. *In Proc. Fourth Internat. Cong. Trop. Med. and Malaria*. Washington, D. C., U. S. Government Printing Office **1**: 903.
- What's happening to malaria in the U. S. A.? *Am. J. Pub. Health* **38**: 931.
- (and Gilbertson): Blueprint for malaria eradication in the United States. *J. Nat. Malaria Soc.* **7**: 167.

*All items marked with an asterisk were published between January and June 1948, but reported too late for inclusion in Index to vol. 63, part I.

NOTE.—Address requests for reprints from Public Health Reports, Journal of Venereal Disease Information, and the Journal of the National Cancer Institute to the Surgeon General, Public Health Service, Washington 25, D. C.

- Apter, Nathaniel S. (Halstead, Eisele, and McCullough): Impaired cerebral functions in chronic brucellosis. *Am. J. Psychiat.* **105**: 361.
- Archambault, George S.: *See* Kinsey, Raymond D. (Archambault, and Foster).
- Armstrong, Charles: Lymphocytic choriomeningitis. *In* Nelson New Loose Leaf Medicine **2**: 207.
- (and Davis): Psittacosis. *In* Oxford Medicine. New York, Oxford University Press, v. 5, part 2, chap. XVIII-A, p. 488 (15).
- Arnold, Francis A., Jr.: Fluoride therapy for the control of dental caries. *J. Am. Dent. Assoc.* **37**: 433.
- *See also* McCauley, H. Berton (Likins, and Arnold).
- Ashburn, Llewellyn L.: *See* Emmons, Chester W. (and Ashburn).
- Atlas, Leon T. (and Hottle): The common cold: Titration of MR-1 virus in embryonated eggs. *Science* **108**: 743.

B

- Baernstein, Harry D., *See* Rees, Charles W. (Reardon, and Baernstein).
- *Bailey, Albert E.: Some recent trends in vital statistics registration practices. *Am. J. Pub. Health* **38**: 253.
- Barrett, Morris K.: The clinical application of some aspects of the gastric cancer problem. *Rocky Mountain Med. J.* **45**: 941.
- Some aspects of the gastric cancer problem in relation to diagnosis, treatment, and prognosis. *Rocky Mountain Med. J.* **45**: 945.
- *Bauer, Hugo: Succinic acid derivatives of 4-Nitro-4'-amino-diphenylsulfone and of 4,4'-diaminodiphenylsulfone. *J. Am. Chem. Soc.* **70**: 2254.
- Bauer, Theodore J.: *See* Schwemlein, George X. (Bauer, Craig, and Rodriquez).
- Beck, Lyle, V.: *See* Diller, Irene Corey (Beck, and Blauch); Diller, Irene Corey (Blauch, and Beck).
- Behling, R. T. (and Markel): Ringworm of the scalp. *J. Invest. Dermatol.* **11**: 239.
- Bell, E. J.: Experimental studies of variables in neutralization tests with Lansing poliomyelitis virus. *Am. J. Hyg.* **48**: 381.
- *See also* Jellison, William L. (Bell, Huebner, Parker, and Welsh); Jellison, William L. (Huebner, Beck, Parker, and Bell); Jellison, William L. (Ormsbee, Beck, Huebner, Parker, and Bell); Parker, R. R. (Bell, and Lackman).
- Bell, J. Frederick: *See* Wright, John T. (Bell, and Habel).
- Bell, Joseph A.: Diphtheria immunization. Use of an alum-precipitated mixture of pertussis vaccine and diphtheria toxoid. *J. Am. Med. Assoc.* **137**: 1009.
- Pertussis immunization. Use of two doses of an alum-precipitated mixture of diphtheria toxoid and pertussis vaccine. *J. Am. Med. Assoc.* **137**: 1276.
- *Bennison, B. E.: Serologic studies on mouse mammary tumors (summary). *Acta Unio Internationalis Contra Cancrum* **6**: 188.
- Berry, Elmer G. (and Rue): *Pomatiopsis lapidaria* (Say), an American intermediate host for *Schistosoma japonicum* (abstract). *J. Parasitol.* **34** (No. 6, Section 2, Supp.): 15.
- *See also* Van der Schalie, Henry (and Berry).
- Bick, Malcolm W.: *See* Birren, James E. (and Bick); Birren, James E. (Bick, and Fox).
- Bierman, Howard R.: A device for measuring physiologic pressure phenomena using the bonded Sr-4 electrical wire resistance gage. *Rev. Scient. Instruments* **19**: 207.
- Birren, James E. (and Bick): Visual acuity as a function of age and retinal and macular degeneration (abstract). *J. Gerontol.* **3** (Supp. to No. 4): 9.
- (Bick, and Fox): Age changes in the light threshold of the dark adapted eye. *J. Gerontol.* **3**: 267.
- *See also* Fox, Charlotte (and Birren).
- Black, Luther A.: Effects of contemplated changes in standard methods. *J. Milk and Food Technol.* **11**: 200.
- *See also* Levine, Benjamin S. (and Black); Weber, George R. (and Black).
- Blanco, F. Leon (and Fite): Silvering of lepra bacilli in tissues. *Arch. Path.* **46**: 542.
- Bloomfield, J. J.: Industrial health of Nation is fundamental to great productivity. *Indust. Hyg. Newsletter* **8** (No. 7): 3.
- Industrial health spells community health. *Indust. Health Rev.* (July) unpagged.

- Bloomfield, J. J.: Industrial hygiene problems in Bolivia, Peru and Chile. Public Health Bulletin No. 301. Washington, D. C., U. S. Government Printing Office, 139 pp.
- Blum, Harold L.: Review. Sunlight as a causal factor in cancer of the skin of man. *J. Nat. Cancer Inst.* **9**: 247.
- Board, Leonard M. (and Dunsmore): Environmental health problems related to urban decentralization as observed in a typical metropolitan community. *Am. J. Pub. Health* **38**: 986.
- Bond, Howard W.: Synthesis of carboxyl-labeled tryptophan from hydantoin containing isotopic carbon. *J. Biol. Chem.* **175**: 531.
- Boone, Bert R.: *See* Ellinger, George F. (Gillick, Boone, and Chamberlain).
- *Bowen, William J.: Alkali decomposition of myoglobin (abstract). *Federation Proc.* **7**: 11.
- Notes on myoglobin preparation and iron content. *J. Biol. Chem.* **176**: 747.
- *——— (and Poel): The effects of anoxia upon myoglobin concentration (abstract): *Federation Proc.* **7**: 11.
- Bowman, Richard W.: *See* Iskrant, Albert P. (Bowman, and Donohue).
- Boyd, Beverly L.: *See* Greenberg, Joseph (Boyd, and Josephson).
- Bozicevich, John: *See* Terry, Luther L. (and Bozicevich).
- Brackett, Frederick S.: *See* Du Buy, Herman G. (Dunn, Brackett, Dreessen, Neal, and Posner); Dunn, John E. (and Brackett).
- Branham, Sara E. (and Carlin): Studies with *Shigella dysenteriae* (Shiga). I. Infection and toxin action in mice. II. Effect of serums on experimental infection and intoxication in mice. *J. Infect. Dis.* **83**: 60; 66.
- Brecher, George: The structure of unstained reticulocytes. *Proc. Soc. Exper. Biol. and Med.* **69**: 89.
- (Endicott, Gump, and Brawner): Effects of X-ray on lymphoid and hemopoietic tissues of albino mice. *Blood* **3**: 1259.
- Brennan, James M.: New North American chiggers (Acarina, Trombiculidae). *J. Parasitol.* **34**: 465.
- (and Donaldson): Transfer of malarial parasites between blood films during mass staining procedures. *Pub. Health Rep.* **63**: 991.
- (and Goldman): P. V. A.-fixative as a preservative and adhesive solution for staining protozoa in dysenteric stool and other liquid materials (abstract). *J. Parasitol.* **34** (No. 6, Section 2, Supp.): 12.
- Brown, Don C. (Knight, and Jellison): A fatal case of Q fever in southern California. *California Med.* **69**: 200.
- Brubach, Howard F. (and Smith): Hydraulic device for raising and lowering mercury in gas analyzers. *Science* **108**: 388.
- Bunnell, Ivan L. (and Furculow): Variations in histoplasmin sensitivity in certain cities in eastern Kansas. *Pub. Health Rep.* **63**: 1298.
- *See also* Furculow, Michael L. (Emge, and Bunnell).
- Buren, William F.: Viable insect egg mass transported on outside of aircraft. *Pub. Health Rep.* **63**: 1404.
- Burgess, Robert W.: The experimental hybridization of *Anopheles quadrimaculatus* Say and *Anopheles maculipennis freeborne* Aitken. *Am. J. Hyg.* **48**: 171.
- *See also* Eyles, Don E. (Young, and Burgess); Young, Martin D. (and Burgess); Young, Martin D. (Eyles, and Burgess).
- *Burk, Dean: The relation of cellular metabolism to growth (abstract). *Acta Unio Internationalis Contra Cancerum* **6**: 281.
- *——— (Du Buy, Fischer, Hearon, Hesselbach, Levy, and Schade): Metabolic inhibitions of tumors and other cells by various antibiotics and cobalt (summary). *Acta Unio Internationalis Contra Cancerum* **6**: 378.
- *——— (Fiala, Hearon, Hesselbach, Levy, and Schade): Reversible oxygenation, irreversible oxidation, and decarboxylation of cobaltamino acid complexes with oxygen gas (abstract). *Federation Proc.* **7**: 148.
- *——— (Hearon, Fiala, Schade, and Levy): Cobaltodihistidine and related compounds and their significance in oxygenation of metalloproteins (abstract). *In Abstracts of papers, 113th Meeting, American Chemical Society. Washington, D. C., American Chemical Society News Service, p. 34C.*
- *See also* Wight, Kent (and Burk).
- Butterfield, C. T.: Bactericidal properties of chloramines and free chlorine in water. *Pub. Health Rep.* **63**: 934.

C

- Calbert, C. E.: *See* Ruchhoff, C. C. (Placak, Kachmar, and Calbert).
- Caminita, Barbara: *See* Schneider, Roy (Reinhart, and Caminita).
- Cannefax, George R.: The technic of the tissue spread method for demonstrating Donovan bodies. *J. Ven. Dis. Inform.* **29**: 201.
- Carlin, Sadie A.: *See* Branham, Sara E. (and Carlin).
- *Carter, C. E. (and Greenstein): The metabolism of peptides of asparagine (abstract). *Federation Proc.* **7**: 148.
- *Clark, W. Mansfield (Davies, Porter, Shack, Taylor, Vestling, and Weisiger): Coordination of metalloporphyrins with nitrogenous bases (abstract). *In* Abstracts of papers, 113th Meeting, American Chemical Society. Washington, D. C., American Chemical Society News Service, p. 35C.
- Coatney, G. Robert (and Cooper): The chemotherapy of malaria in relation to our knowledge of exoerythrocytic forms. Symposium on exoerythrocytic forms of malaria parasites, III. *J. Parasitol.* **34**: 275.
- *See also* Culwell, William B. (Cooper, White, Lints, and Coatney); White, Weldon C. (Cooper, Coatney, Culwell, Lints, and Young).
- Cohen, Jerome E. (and Shoek): Blood volume studies in middle-aged and elderly males (abstract). *J. Gerontol.* **3** (Supp. to No. 4): 5.
- Collins, Selwyn D.: Sickness among industrial employees in Baltimore in relation to weekly hours of work, 1941-1943. *Milbank Memorial Fund Quart.* **26**: 398.
- Cooper, W. Clark: *See* Coatney, G. Robert (and Cooper); Culwell, William B. (Cooper, White, Lints, and Coatney); Dillon, M. L. (and Cooper); White, Weldon C. (Cooper, Coatney, Culwell, Lints, and Young).
- Cram, Eloise B.: The present status and possible spread of *Schistosoma mansoni* in the Western Hemisphere (abstract). *Med. Microbiol. and Hyg. (Section IV of Excerpta Medica)* **1**: 935.
- *See also* Files, Virginia S. (and Cram).
- Culwell, William B. (Cooper, White, Lints, and Coatney): Studies in human malaria. XX. The intramuscular administration of chloroquine. *J. Nat. Malaria Soc.* **7**: 311.
- *See also* White, Weldon C. (Cooper, Coatney, Culwell, Lints, and Young).
- Cummings, Martin M. (Drummond, and Lewis): Effect of different methods of coagulation of culture media on tubercle bacilli growth. *Pub. Health Rep.* **63**: 1305.
- *See also* Spendlove, George A. (Cummings, Fackler, and Michael); Spendlove, George A. (Cummings, and Patnode).

D

- Dale, Peter (and McCauley): Dental conditions in workers chronically exposed to dilute and anhydrous hydrofluoric acid. *J. Am. Dent. Assoc.* **37**: 131.
- *Dalton, Albert J. (Kahler, Lloyd, Striebich, and Maury): Further observations on the mitochondria of normal hepatic cells and of hepatoma (abstract). *Anat. Rec.* **100**: 652.
- (Morris, and Dubnik): Morphologic changes in the organs of female C3H mice after long-term ingestion of thiourea and thiouracil. *J. Nat. Cancer Inst.* **9**: 201.
- Dautrebande, Lucien (Alford, Highman, Downing, and Weaver): Studies on aerosols. V. Effect of dust and pneumodilating aerosols on lung volume and type of respiration in man. *J. App. Physiol.* **1**: 339.
- (Highman, Alford, Weaver, and Thompson): Aerosols. IV. Effect of saline aerosols on dust in atmosphere; Reduction of dust deposition in lungs by saline aerosols. *Occup. Med.* **5**: 506.
- Davidson, Harold H. (and Shepard): Results of culture tests among patients for gonorrhea treatment by hypospray. *J. Ven. Dis. Inform.* **29**: 332.
- Davis, Dorland J. *See* Armstrong, Charles (and Davis).
- Davis, Gordon E.: The spirochetes. *In* Annual review of microbiology. Stanford, California, Annual Reviews, Inc. **2**: 334.
- Deibert, Austin V.: A half century of State cancer legislation. *Pub. Health Rep.* **63**: 1128.
- Recent developments in cancer control. *Am. J. Pub. Health* **38**: 191.
- DeLawter, Dewitt E.: Culpability for the delay in the management of cancer. *Med. Ann. District of Columbia* **17**: 342.
- Del Vecchio, E. R.: *See* Harris, Ad (Rosenberg, and Del Vecchio).
- Deringer, Margaret K.: *See* Heston, Walter E. (and Deringer).

- Diller, Irene Corey (Beck, and Blauch): Effect of adrenal cortical extract on the growth of certain mouse tumors. *Cancer Research* **8**: 581.
- (Blauch, and Beck): Histological changes in adrenal glands of tumor-bearing mice injected with *Serratia marcescens* polysaccharide alone and in combination with adrenal cortical extract. *Cancer Research* **8**: 591.
- *Dillon, M. L. (and Cooper): Electrophoretic analysis of serum from patients with pinta and yaws. *Am. J. Syph., Gonorr., and Ven. Dis.* **32**: 251.
- Donaldson, A. W.: *See* Brooke, M. M. (and Donaldson).
- Donohue, James F.: *See* Iskrant, Albert P. (Bowman, and Donohue).
- Dooley, Robert: *See* Smith, Willie W. (Dooley, and Thompson).
- *Doull, James A.: Directing Council of the Pan American Sanitary Organization holds first meeting. *State Dept. Bull.* **18**: 283.
- Studies on the epidemiology of leprosy. *In* Proc. Fourth Internat. Cong. Trop. Med. and Malaria. Washington, D. C., U. S. Government Printing Office **1**: 353.
- (and Kramer): The First World Health Assembly. *Pub. Health Rep.* **63**: 1379.
- Downing, R.: *See* Dautrebande, Lucien (Alford, Highman, Downing, and Weaver).
- Downing, Virginia: Screening of chemical agents for capacity to damage tumors *in vivo* (abstract). *Cancer Research* **8**: 385.
- Dreessen, Waldemar C.: *See* Du Buy, Herman G. (Dunn, Brackett, Dreessen, Neal, and Posner).
- Drummond, Margaret C.: *See* Cummings, Martin M. (Drummond, and Lewis).
- Dubnik, Celia S.: *See* Dalton, Albert J. (Morris, and Dubnik); Morris, Harold P. (Dubnik, and Dunn); Morris, Harold P. (Dubnik, Dunn, and Westfall); Morris, Harold P. (Dunn, and Dubnik); Morris, Harold P. (Westfall, Dubnik, and Dunn).
- Du Buy, Herman G. (Dunn, Brackett, Dreessen, Neal, and Posner): An evaluation of ultraviolet radiation of sleeping quarters as supplement of accepted methods of disease control. *Am. J. Hyg.* **48**: 207.
- *See also* Burk, Dean (Du Buy, Fischer, Hearon, Hesselbach, Levy, and Schade); Woods, Mark W. (and Du Buy).
- Dunn, John E. (and Brackett): Photosensitizing properties of some petroleum solvents. *Indust. Med.* **17**: 303.
- *See also* Du Buy, Herman G. (Dunn, Brackett, Dreessen, Neal, and Posner).
- *Dunn, Thelma B.: Research at the National Cancer Institute. *J. Am. Med. Women's Assoc.* **55**: 15.
- *See also* Andervont, Howard B. (and Dunn); Maver, Mary E. (Dunn, and Greco); Morris, Harold P. (Dubnik, and Dunn); Morris, Harold P. (Dubnik, Dunn, and Westfall); Morris, Harold P. (Dunn, and Dubnik); Morris, Harold P. (Westfall, Dubnik, and Dunn).
- Duryee, William R.: Microdissection of human ovarian eggs (abstract). *Anat. Rec.* **101**: 674.
- *See also* Abelson, Philip H. (and Duryee).
- *Dy, Francisco J.: The United States Public Health Service malaria control program. *In* Proc. Fourth Internat. Cong. Trop. Med. and Malaria. Washington, D. C., U. S. Government Printing Office **1**: 802.

E

- Eagle, Harry: The spirochetes. *In* Bacterial and mycotic infections of man. Philadelphia, J. B. Lippincott Company, p. 527.
- *——— (and Fleischman): Therapeutic activity of bacitracin in rabbit syphilis and its synergistic action with penicillin. *Proc. Soc. Exper. Biol. and Med.* **68**: 414.
- (and Germuth): The serologic relationships between five cultured strains of supposed *T. pallidum* (Noguchi, Kroo, Nichols, Reiter, and Kazan) and two strains of mouth treponemata. *J. Immunol.* **60**: 223.
- (Gude, Beckman, Mast, Saper, and Shindledecker): Prevention of gonorrhea with penicillin tablets. Preliminary report. *Pub. Health Rep.* **63**: 1411.
- (and Heller): The symposium on syphilis (Editorial). *Am. J. Med.* **5**: 629.

- Eagle, Harry: (and Musselman): The rate of bactericidal action of penicillin in vitro as a function of its concentration, and its paradoxically reduced activity at high concentrations against certain organisms. *J. Exper. Med.* **88**: 99.
- (and Steinman): Nutritional requirements of treponemata. I. Arginine, acetic acid, sulfur-containing compounds, and serum albumin as essential growth-promoting factors for the Reiter treponeme. *J. Bact.* **56**: 163.
- (and Tucker): The effect of human serum on the dilution bioassay of penicillin G, X, and K. *J. Bact.* **56**: 59.
- Earle, Wilton R.: See Sanford, Katherine K. (Earle, and Likely).
- Eddy, Nathan B.: Newer narcotics. *Am. Pract.* **3**: 37.
- Pharmacology of metopon and other new analgesic opium derivatives *Ann. New York Acad. Sc.* **51**: 51.
- Edwards, Lydia B. (Lewis, and Palmer): Studies of pulmonary findings and antigen sensitivity among student nurses. III. Pulmonary infiltrates and mediastinal adenopathy observed among student nurses at the beginning of training. *Pub. Health Rep.* **63**: 1569.
- Eiger, Irena Z. (and Greenstein): Addition products of dehydropolymers. *Arch. Biochem.* **19**: 467.
- *Eisele, C. Wesley (and McCullough): An evaluation of laboratory tests of use in the diagnosis of brucellosis (abstract). *Proc. Institute Med. Chicago* **17**: 46.
- Eisenberg, Henry (and Laughlin): Efficiency of penicillin in gonorrhea, analyzed by sampling method. *J. Ven. Dis. Inform.* **29**: 269.
- Eisenman, A. J.: See Isbell, Harris (and Eisenman).
- Elias, Hans: On the phylogeny of the mammalian hair (abstract). *Anat. Rec.* **101**: 675.
- *Ellinger, George F. (Gillick, Boone, and Chamberlain): Elektrokymographische studies of asynchronism of ejection from the ventricles. *Am. Heart J.* **35**: 971.
- Emge, Mabel: See Furculow, Michael L. (Emge, and Bunnell).
- Emmart, Emily W.: See Smith, Maurice I. (Emmart, and McClosky).
- *Emmons, Chester W.: Coccidioidomycosis and *Haplosporangium parvum* (abstract). *In Proc. Fourth Internat. Cong. Trop. Med. and Malaria.* Washington, D. C., U. S. Government Printing Office **2**: 672.
- Medical mycology. *Tr. British Mycological Soc.* **30**: 40.
- (and Ashburn): Histoplasmosis in wild rats. Occurrence and histopathology. *Pub. Health Rep.* **63**: 1416.
- Endicott, Kenneth M.: See Brecher, George (Endicott, Gump, and Brawner).
- Erickson, Paul T.: See Faget, G. H. (and Erickson); Johansen, Frederick A. (and Erickson).
- *Errara, Maurice (and Greenstein): The enzymatic hydrolysis of homologous amino acid amides in normal and neoplastic tissues (abstract). *Acta Unio Internationalis Contra Cancrum* **6**: 286.
- Eschenbrenner, Allen B. (Miller, and Lorenz): Quantitative histologic analysis of the effect of chronic whole-body irradiation with gamma rays on the spermatogenic elements and the interstitial tissue of the testes of mice. *J. Nat. Cancer Inst.* **9**: 133.
- See also White, Florence R. (Eschenbrenner, and White).
- Eskey, C. R. (and Hemphill): Relation of reported cases of typhus fever to location, temperature, and precipitation. *Pub. Health Rep.* **63**: 941.
- *Ettinger, M. B. (and Ruchhoft): Removal of phenol and the cresols in natural waters (abstract). *In Abstracts of papers, 113th Meeting, American Chemical Society, Washington, D. C., American Chemical Society News Service, p. 7R.*
- *——— A study of the determination of phenol and structurally related compounds by the Gibbs method (abstract). *In Abstracts of papers, 113th Meeting, American Chemical Society. Washington, D. C., American Chemical Society News Service, p. 6R.*
- See also Ruchhoft, C. C. (Placak, and Ettinger).
- Ewing, Frances Moore: See Haas, Victor H. (Wilcox, Laird, Ewing, and Coleman).
- *Eyles, Don E. (Young, and Burgess): Studies on imported malarias. VIII. Infectivity to *Anopheles quadrimaculatus* of asymptomatic *Plasmodium vivax* parasitemias. *J. Nat. Malaria Soc.* **7**: 125.
- See also Young, Martin D. (Eyles, and Burgess).

F

- *Faget, G. H. (and Erickson): Chemotherapy of leprosy. *J. Am. Med. Assoc.* **136**: 451.
- Fairhall, Lawrence T.: Industrial toxicology. Carbon tetrachloride. *Indust. Hyg. Newsletter* **8** (No. 7): 6.
- Industrial toxicology. Dichlorobenzene. *Indust. Hyg. Newsletter* **8** (No. 12): 10.
- Industrial toxicology. Ethylene glycol. *Indust. Hyg. Newsletter* **8** (No. 10): 13.
- Industrial toxicology. Methyl methacrylate. *Indust. Hyg. Newsletter* **8** (No. 11): 13.
- Toxicology of the heavy metals. *J. Indiana Med. Assoc.* **41**: 917.
- Faust, Ernest Carroll (and Hemphill): Malaria mortality and morbidity in the United States for the year 1946. *J. Nat. Malaria Soc.* **7**: 285.
- Fay, R. W.: *See* McCauley, R. H., Jr. (Fay, and Simmons).
- Felix, Robert H.: Mental hygiene and public health. *Am. J. Orthopsychiat.* **18**: 679.
- Psychiatry comes of age. *Sc. News Letter* **54**: 90.
- *— Recruiting for mental health. *Survey Graphic* **37**: 112.
- Ferguson, Charles: A mobilizer attachment for the Stryker frame. *J. Bone and Joint Surg.* **30**: 1014.
- (Hershey, and Kovacs): Intraperitoneal rupture of the bladder: Report of five cases. *Mil. Surgeon* **103**: 378.
- Ferguson, Frederick F.: Occurrence of cercarial dermatitis in Green Lake, Seattle, Washington. *Pub. Health Rep.* **63**: 1692.
- Fiala, Silvio: *See* Burk, Dean (Fiala, Hearon, Levy, and Schade); Burk, Dean (Hearon, Fiala, Schade, and Levy).
- Figgat, W. B.: *See* Newton, W. L. (Figgat, and Weibel).
- Files, Virginia S. (and Cram): A study on the comparative susceptibility of snail vectors to strains of *Schistosoma mansoni* (abstract). *J. Parasitol.* **34** (No. 6, Section 2, Supp.): 16.
- Fischer, Clara: *See* Burk, Dean (Du Buy, Fischer, Hearon, Hesselbach, Levy, and Schade).
- Fite, G. L.: *See* Blanco, F. Leon (and Fite).
- Fletcher, Hewitt G., Jr.: *See* Jeanloz, R. (Fletcher, and Hewitt); Jeanloz, R. (Fletcher, and Hudson).
- Fogg, Virginia H.: *See* Tomlinson, Thomas H. (Smith, and Fogg).
- *Fones, William S.: The preparation of p-dimethylaminobenzoic anhydride. *J. Am. Chem. Soc.* **70**: 1966.
- Forsyth, Bruce D.: The Public Health Service has an anniversary. *J. Am. Dent. Assoc.* **37**: 266.
- Forsyth, William B.: The treatment of syphilitic interstitial keratitis. *South. M. J.* **41**: 1015.
- Foster, Thomas A.: *See* Kinsey, Raymond D. (Archambault, and Foster).
- Fox, Charlotte (and Birren): Some factors affecting vocabulary size in later maturity: Age, education, and length of institutionalization (abstract). *J. Gerontol.* **3** (Supp. to No. 4): 8.
- *See also* Birren, James E. (Bick, and Fox).
- Franco, L. B.: *See* Micks, Don W. (de Caries, and Franco).
- Frank, Karl: *See* Wikler, Abraham (and Frank).
- Frasier, Elizabeth S.: *See* Gafafer, William M. (Frasier, and Sitgreaves).
- *Friedkin, Morris (and Lehninger): Phosphorylation coupled to electron transport between dihydrodiphosphopyridine nucleotide and oxygen. *J. Biol. Chem.* **174**: 757.
- Friedman, Marion: *See* Terry, Luther L. (and Friedman).
- Furculow, Michael L. (Emge, and Bunnell): Depression of tuberculin and histoplasmin sensitivity associated with critical illness. *Pub. Health Rep.* **63**: 1290.
- *See also* Bunnell, Ivan L. (and Furculow).

G

- Gafafer, William M.: Industrial sickness absenteeism. Males and females, 1947, and males first and second quarters, 1948. Pub. Health Rep. **63**: 1489.
- Sick absenteeism among a sample of member companies of Industrial Hygiene Foundation, 1947 and earlier years. *In* Transactions Bulletin No. 10. Pittsburgh, Penn., Industrial Hygiene Foundation of America, Inc., p. 110.
- (Fraser, and Sitgreaves): Studies on the duration of disabling sickness. VII. Duration table for specific causes of disability among male workers. Pub. Health Rep. **63**: 901.
- Gaines, T. B.: *See* Nicholson, H. P. (Gaines, McWilliams, and Vetter).
- Galagan, Donald J. (and Knutson): Effect of topically applied fluoride on dental caries experience. VI. Experiments with sodium fluoride and calcium chloride; widely spaced applications; use of different solution concentrations. Pub. Health Rep. **63**: 1215.
- Germuth, Frederick G., Jr.: *See* Eagle, Harry (and Germuth).
- Giacomo, Rosalie (and Rion): Contact reporting by merchant seamen. J. Ven. Dis. Inform. **29**: 371.
- Gilbertson, Wesley E.: *See* Andrews, Justin M. (and Gilbertson).
- Gillick, Frederick G.: *See* Ellinger, George F. (Gillick, Boone, and Chamberlain).
- Gjessing, E. C. (Warren, and Floyd): Protein-fractionation studies of a mouse thymoma. J. Nat. Cancer Inst. **9**: 43.
- Goldman, Morris: *See* Brooke, M. M. (and Goldman).
- *Gollan, Frank: Blood and extracellular fluid studies in chronic malnutrition in infancy. J. Clin. Invest. **27**: 352.
- Gover, Mary: Physical impairments of members of low-income farm families—11,490 persons in 2,477 rural families examined by the Farm Security Administration, 1940. VII. Variation of blood pressure and heart disease with age; and the correlation of blood pressure with height and weight. Pub. Health Rep. **63**: 1083.
- Greco, Antoinette: *See* Maver, Mary E. (Dunn, and Greco); Maver, Mary E. (and Greco).
- Greco, J.: *See* Laskey, Alice (and Greco).
- Greenberg, Joseph (Boyd, and Josephson): Synergistic effect of chlorguanide and sulfadiazine against *Plasmodium gallinaceum* in the chick. J. Pharmacol. and Exper. Therap. **94**: 60.
- *See also* Josephson, Edward S. (and Greenberg).
- Greenstein, Jesse P.: Dehydropeptidases. *In* Advances in enzymology and related subjects. New York, Interscience Publishers, Inc. **8**: 117.
- Metabolic patterns of normal and malignant tissues (abstract). Acta Unio Internationalis Contra Cancrum **6**: 288.
- (and Leuthardt): Ammonia formation from cystine peptides and dehydropeptides in rat liver digests. Arch. Biochem. **18**: 377.
- (and Price): Derivatives of α , α -di (glycylamino) propionic acid. J. Biol. Chem. **175**: 963.
- (Price and Leuthardt): Studies on the possible multiple nature of dehydropeptidase I. J. Biol. Chem. **175**: 953.
- *See also* Carter, C. E. (and Greenstein); Eiger, Irena Z. (and Greenstein); Errara, Maurice (and Greenstein); Meister, Alton (and Greenstein); Price, Vincent E. (and Greenstein).
- Greville, Thomas N. E.: Recent developments in graduation and interpolation. J. Am. Stat. Assoc. **43**: 428.
- Gump, Hazel P.: *See* Brecher, George (Endicott, Gump, and Brawner).

H

- Haas, Victor H. (Wilcox, Laird, Ewing, and Coleman): Response of exoerythrocytic forms to alterations in the life-cycle of *Plasmodium gallinaceum*. Symposium on exoerythrocytic forms of malaria parasites, VI. J. Parasitol. **34**: 306.
- Habel, Karl: *See* Wright, John T. (and Habel).
- Hakanson, Errick Y. (and Glick): Mucoytic enzyme systems. III. Inhibition of hyaluronidase by serum in human cancer. J. Nat. Cancer Inst. **9**: 129.
- Halbert, Seymour P.: The relation of antagonistic coliform organisms to shigella infection. I. Survey observations; II. Observations on acute infections. J. Immunol. **60**: 23; 359.

- Halpin, Evelyn H.: Tuberculosis mortality in the United States, 1946. Pub. Health Rep. **63**: 1029.
- Hampp, Edward G. (Wyckoff, and Scott): Morphologic characteristics of certain cultured strains of oral spirochetes and *Treponema pallidum* as revealed by the electron microscope. J. Bact. **56**: 755.
- Hann, Raymond M. (and Richtmeyer, Editors): Collected papers of C. S. Hudson. New York Academic Press Inc., vol. 2, 809 pp.
 ——— See also Haskins, W. T. (Hann, and Hudson).
- Hanna, Charles H.: See Spicer, Samuel S. (Hanna, and Neal).
- Harding, Virginia L.: See Rosenberg, Arthur A. (Harris, and Harding).
- Harris, Ad (and Reidel): Evaluation of the complement fixation test for malaria. Am. J. Trop. Med. **28**: 787.
 ——— (Rosenberg and Del Vecchio): A macroflocculation test for syphilis using cardioliipin-lecithin antigen. Preliminary report. J. Ven. Dis. Inform. **29**: 313.
 ——— See also Rosenberg, Arthur A. (Harris, and Harding).
- *Haskins, W. T. (Hann, and Hudson): Gentiobiose phenylsotriazole (6-b-d-glucopyranosyl) -d- glucose phenylsotriazole and some of its derivatives (abstract). In Abstracts of papers, 113th Meeting, American Chemical Society. Washington, D. C., American Chemical Society News Service, p. 2Q.
- Hearon, John Z.: The configuration of cobaltodihistidine and oxy-bis (cobaltodihistidine). J. Nat. Cancer Inst. **9**: 1.
 ——— The kinetics of blood coagulation. Bull. Math. Biophys. **10**: 175.
 ——— See also Burk, Dean (Du Buy, Fischer, Hearon, Hesselbach, Levy, and Schade); Burk, Dean (Fiala, Hearon, Hesselbach, Levy, and Schade); Burk, Dean (Hearon, Fiala, Schade, and Levy).
- Heimann, Harry (and Kahl): Medical guidance for plant nurses. Indust. Hyg. Newsletter **8** (No. 12): 7.
- *Heller, J. R., Jr.: The treatment of syphilis with penicillin. In Proc. Fourth Internat. Cong. Trop. Med. and Malaria. Washington, D. C., U. S. Government Printing Office **1**: 215.
 *———— Venereal disease in One World. J. Soc. Hyg. **34**: 117.
 ——— See also Eagle, Harry (and Heller).
- Hemphill, Faye M.: Trends of diarrheal disease mortality in the United States 1941 to 1946, inclusive. Pub. Health Rep. **63**: 1699.
 ——— See also Eskey, C. R. (and Hemphill); Faust, Ernest Carroll (and Hemphill); McDaniel, G. E. (and Hemphill).
- *Heppel, Leon A. (and Porterfield): Enzymatic cleavage of organic halides (abstract). Federation Proc. **7**: 159.
 ——— Enzymatic dehalogenation of certain brominated and chlorinated compounds. J. Biol. Chem. **176**: 763.
- Herman, Carlton M. (Reeves, and McClure): Blood parasites of birds from Kern County, California (abstract). J. Parasitol. **34** (No. 6, Section 2, Supp.): 37.
- Hershey, T. S.: See Ferguson, Charles (Hershey, and Kovacs).
- Hertz, Roy: Interference with estrogen-induced growth in the female genital tract by folic acid antagonist (abstract). J. Endocrinol. **8**: 602.
 *———— Suppression of estrogen-induced tissue growth by progesterone. Acta Unio Internationalis Contra Cancrum **6**: 134.
- Hesselbach, Marie L.: See Burk, Dean (Du Buy, Fischer, Hearon, Hesselbach, Levy, and Schade); Burk, Dean (Fiala, Hearon, Hesselbach, Levy, and Schade).
- *Heston, Walter E.: Role of genes and their relationship to extra-chromosomal factors in the development of mammary gland tumors in mice. British J. Cancer **2**: 87.
 ——— (and Deringer): Hereditary renal disease and amyloidosis in mice. Arch. Path. **46**: 49.
- *———— Relationship between the agouti gene and mammary tumor development in mice. Acta Unio Internationalis Contra Cancrum **6**: 262.
- Hewitt, William L.: Penicillin in the treatment of pulmonary infections. Symposium on specific methods of instruction. In Med. Clin. North America (Boston number). Philadelphia and London, W. B. Saunders Co., 1948, p. 1207.
 ——— (Whittlesey, and Keefer): Serum concentrations of penicillin following administration of crystalline procain penicillin G in oil. New England J. Med. **239**: 286.
 ——— See also Keefer, Chester A. (and Hewitt); Whittlesey, Philip (and Hewitt).

- *Highman, Benjamin (Svirbely, von Oettingen, Alford, and Pecora): Pathologic changes produced by monochloromonobromomethane. *Arch. Path.* **45**: 299.
 ——— See also Dautrebande, Lucien (Alford, Highman, Downing, and Weaver); Dautrebande, Lucien (Highman, Alford, Weaver, and Thompson).
- Hill, Elmer L. (and Morlan): Evaluation of county-wide DDT dusting operations in murine typhus control. *Pub. Health Rep.* **63**: 1635.
- Hingson, Robert A.: See Whitacre, Frank E. (Hingson, and Turner).
- Hoge, Vane M.: Health centers and the Hospital Survey and Construction Act. *Am. J. Pub. Health* **38**: 1653.
- Holaday, Duncan A.: Radiation measuring instruments: Their selection and use. *Indust. Hyg. Newsletter* **8** (No. 8): 10.
- Hollaender, Alexander: See Jarrett, E. T. (Zelle, and Hollaender); Langmuir, Alexander D. (Jarrett, and Hollaender); Swanson, C. P. (Hollaender, and Kaufman); Willmon, T. L. (Hollaender, and Langmuir).
- *Hollis, Mark D.: Malaria—Its denouement? *J. Nat. Malaria Soc.* **7**: 1.
- Holt, John B.: See Lloyd, Ralph S. (and Holt).
- *Horecher, B. L.: Crystalline hemin solutions as permanent standards for hemoglobin estimation. *J. Lab. and Clin. Med.* **33**: 783.
 ——— (and Kornberg): Extinction coefficients of the reduced band of pyridine nucleotides. *J. Biol. Chem.* **175**: 385.
- *——— (and Stannard): The kinetics of inhibitor action in a carrier-linked system (abstract). *Federation Proc.* **7**: 161.
- Hottle, George A.: See Atlas, Leon T. (and Hottle); Salvin, Samuel B. (and Hottle).
- *Howitt, Beatrice F. (Bishop, Gorrie, Kissling, Hauser, and Trueting): An outbreak of equine encephalomyelitis, eastern type, in southwestern Louisiana. *Proc. Soc. Exper. Biol. and Med.* **68**: 70.
- Hudson, Claude S.: See Haskins, W. T. (Hann, and Hudson); Jeanloz, R. (Fletcher, and Hudson).
- Huebner, Robert J.: Rickettsialpox—General considerations of a newly recognized rickettsial disease. *In Rickettsial diseases of man*. Washington, D. C., American Association for the Advancement of Science, p. 113.
 ——— See also Jellison, William L. (Bell, Huebner, Parker, and Welsh); Jellison, William L. (Huebner, Beck, Parker, and Bell); Jellison, William L. (Ormsbee, Beck, Huebner, Parker, and Bell); Spicknall, Charles G. (Terry, and Huebner).
- *Hueper, Wilhelm C.: Clinical aspects of occupational cancer. *Occup. Med.* **5**: 157.
- Hughes, Lyndahl E.: See Philip, Cornelius B. (and Hughes).
- Hyde, H. van Zile: Challenges and opportunities in World health. *Nat. Parent-Teacher* **43** (No. 3): 30.
 ——— Challenges and opportunities in World health—The First World Health Assembly. *State Dept. Bull.* **19**: 391.

I

- *Isbell, Harris (and Eisenman): Physical dependence liability of drugs of the methadon series and of 6-methylidihydromorphine (abstract). *Federation Proc.* **7**: 162.
- Iskrant, Albert P. (Bowman, and Donohue): Techniques in evaluation of rapid antisyphilitic therapy. *Pub. Health Rep.* **63**: 965.
 ——— See also Kahn, Harold A. (and Iskrant); Rion, J. Wallace (and Iskrant).

J

- Janis, Lee (and Roemer): Medical care plans for industrial workers and their relationship to public health programs. *Am. J. Pub. Health* **38**: 1245.
- Jarrett, E. T. (Zelle, and Hollaender): Studies of the control of acute respiratory diseases among naval recruits. II. Limitations of ultra-violet irradiation in reducing air-borne bacteria in barracks with low ceilings. *Am. J. Hyg.* **48**: 233.
- *Jawetz, Ernest: Dynamics of the action of penicillin: Time-dose relationship in human streptococcal disease. *Arch. Int. Med.* **81**: 203.
- *——— A latent pneumotropic *Pasteurella* of laboratory animals. *Proc. Soc. Exper. Biol. and Med.* **68**: 46.
- *——— Repository injection of penicillin. *Stanford Med. Bull.* **6**: 294.
- Jeanloz, R. (Fletcher, and Hudson): 1,5-Anhydrosorbitol. *J. Am. Chem. Soc.* **70**: 4052.

- Jeanloz, R. (Fletcher, and Hudson): Some reactions of 2,3,4-tribenzoyl-B-D-ribo-pyranosyl bromide. *J. Am. Chem. Soc.* **70**: 4055.
- *Jellison, William L. (and Beck): Q fever in southern California. *California Veterinarian* **1**: 14.
- (Bell, Huebner, Parker, and Welsh): Q fever studies in southern California. IV. Occurrence of *Coxiella burneti* in the spinose ear tick, *Otobius megnini*. *Pub. Health Rep.* **63**: 1483.
- (Huebner, Beck, Parker, and Bell): Q fever studies in southern California. VIII. Recovery of *Coxiella burneti* from butter made from naturally infected and unpasteurized milk. *Pub. Health Rep.* **63**: 1712.
- (Ormsbee, Beck, Huebner, Parker, and Bell): Q fever studies in southern California. V. Natural infection in a dairy cow. *Pub. Health Rep.* **63**: 1611.
- *See also* Brown, Don C. (Knight, and Jellison).
- *Johansen, Frederick A. (and Erickson): Studies on the therapy of leprosy. *In Proc. Fourth Internat. Cong. Trop. Med. and Malaria.* Washington, D. C., U. S. Government Printing Office **1**: 365.
- *Johnson, H. A. (and Akins): The effect of one plant extract and of certain drugs on the development of *Plasmodium galinaceum* in *Aedes aegypti*. *J. Nat. Malaria Soc.* **7**: 144.
- *Josephson, Edward S. (and Greenberg): Estimation of antimalarial drugs in minute quantities of biological material (abstract). *In Abstracts of papers, 113th Meeting, American Chemical Society.* Washington, D. C., American Chemical Society News Service, p. 20C.
- *See also* Greenberg, Joseph (Boyd, and Josephson).
- Junge, Josephine McBroom: *See* Smith, Maurice I. (Junge, and McClosky).

K

- Kachmar, John F.: *See* Ruchhoft, C. C. (Placak, Kachmar, and Calbert).
- Kahl, F. Ruth: 1948 census of industrial nurses in the United States. *Indust. Nursing* **7**: 7.
- *See also* Heimann, Harry (and Kahl).
- *Kahler, Herbert B.: The diffusion and sedimentation of sodium thymonucleate. *J. Phys. and Colloid Chem.* **52**: 676.
- *——— (and Andrevont): Sedimentation of the milk agent. *Acta Unio Internationalis Contra Cancrum* **6**: 206.
- *See also* Dalton, Albert J. (Kahler, Lloyd, Striebich, and Maury).
- Kahn, Harold A. (and Iskrant): Syphilis mortality analysis, 1933-45. *J. Ven. Dis. Inform.* **29**: 193.
- Kaiser, Raymond F.: The pharmacist's place in cancer control. *Pub. Health Rep.* **63**: 1111.
- Kaplan, Henry S.: Influence of age on susceptibility of mice to the development of lymphoid tumors after irradiation. *J. Nat. Cancer Inst.* **9**: 55.
- *Karel, L.: Toxicity of Y-benzene hexachloride in clothing. *Science* **107**: 246.
- Kaufman, B. N.: *See* Swanson, C. P. (Hollaender and Kaufman).
- Keefer, Chester S. (and Hewitt): Therapeutic value of streptomycin; A study of 3,000 cases. *Ann Arbor, Michigan, J. W. Edwards*, 289 pp.
- Keister, M. L.: Morphogenesis of the tracheal system of *Sciara*. *J. Morphol.* **83**: 373.
- *Kielley, W. Wayne (and Myerhof): A new magnesium-activated adenosin-triphosphatase from muscle. *J. Biol. Chem.* **174**: 387.
- Kiesselbach, Max R.: The use of culture tests in the diagnosis of gonorrhoea. *J. Ven. Dis. Inform.* **29**: 329.
- *Kinsey, Raymond D. (Archambault, and Foster): Pharmacy in the U. S. Public Health Service—Then and now. *J. Am. Pharm. Assoc. (Practical Pharm. Ed.)* **9**: 345.
- *Kissling, Robert E.: *See* Howitt, Beatrice F. (Bishop, Gorrie, Kissling, Hauser, and Treuting).
- Knutson, John W.: *See* Galagan, Donald J. (and Knutson).
- Kohls, Glen M.: Vectors of rickettsial diseases. *In Rickettsial diseases of man.* Washington, D. C., American Association for the Advancement of Science, p. 83.

- *Komp, William H. W.: The anopheline vectors of malaria of the world. *In* Proc. Fourth Internat. Cong. Med. and Malaria. Washington, D. C., U. S. Government Printing Office 1: 644.
- (and Bates): Notes on two mosquito gynandromorphs from Colombia. Proc. Entomol. Soc. of Washington 50: 204.
- *See also* Rozeboom, Lloyd E. (and Komp).
- *Kornberg, Arthur: Nucleotide pyrophosphatase and triphosphopyridine nucleotide structure. J. Biol. Chem. 174: 1051.
- The participation of inorganic pyrophosphate in the reversible enzymatic synthesis of diphosphopyridine nucleotide. J. Biol. Chem. 176: 1475.
- (and Lindberg): Diphosphopyridine nucleotide pyrophosphatase. J. Biol. Chem. 176: 665.
- DPN pyrophosphatase (abstract). Federation Proc. 7: 165.
- (Ochoa, and Mehler): Spectrophotometric studies on the decarboxylation of B-keto acids. J. Biol. Chem. 174: 159.
- *See also* Horecker, B. L. and (Kornberg); Mehler, A. H. (Kornberg, Grisola, and Ochoa); Ochoa, S. (Mehler, and Kornberg).
- Kovacs, Joseph, Jr.: *See* Ferguson, Charles (Hershey, and Kovacs).
- Koven, A. Link: Bagassosis. Am. Rev. Tuberc. 58: 55.
- Kramer, Morton: *See* Doull, James A. (and Kramer).
- Kroner, Robert C.: *See* Moore, W. Allan (Kroner, and Ruchhoft).
- Krueger, Frederick J.: A knee stanchion. Pub. Health Rep. 63: 1498.
- *See also* Michele, Arthur A. (and Krueger).
- Krusé, Cornelius W.: The airplane application of DDT for emergency control of common flies in the urban community. Pub. Health Rep. 63: 1535.

L

- Lackman, David B. (and Parker): Comparison of the immunogenic and anaphylactogenic properties of Rocky Mountain spotted fever vaccines prepared from infected yolk sacs and from infected tick tissue. Am. J. Pub. Health 38: 1402.
- The serological characterization of North Queensland tick typhus. Pub. Health Rep. 63: 1624.
- *See also* Parker, R. R. (Bell, and Lackman).
- Landsiedel, Erna (and Altman): Dentist-time for children's services. Pub. Health Rep. 63: 1221.
- Langmuir, Alexander D. (Jarrett, and Hollaender): Studies of the control of acute respiratory diseases among naval recruits. III. The epidemiological pattern and the effect of ultraviolet irradiation during the winter of 1946-1947. Am. J. Hyg. 48: 240.
- *See also* Willmon, T. L. (Hollaender, and Langmuir).
- Lapp, Ralph E. (and Andrews): Atomic structure. Proc. Inst. Radio Engrs. 36: 1068.
- Health physics. Nucleonics 3: 60.
- Isotopes and nuclear structure. Proc. Inst. Radio Engrs. 36: 1339.
- Nuclear radiation physics. New York, Prentice Hall, 487 pp.
- Larsen, C. D.: Pulmonary-tumor induction by alkylated urethans. J. Nat. Cancer Inst. 9: 35.
- Laskey, Alice (and Greco): Argentaffin cells of the human appendix. A comparative study of the results obtained with modified Schmorl and Masson techniques. Arch. Path. 46: 83.
- Law, Lloyd W.: Mouse genetics news, No. 2. J. Heredity 39: 300.
- Lawrence, P. S.: Chronic illness and socio-economic status. Pub. Health Rep. 63: 1507.
- Legallais, Frances Y.: *See* Algire, Glenn H. (and Legallais).
- Legwen, W. A.: *See* Lenert, Louva G. (and Legwen).
- Leiter, Joseph: *See* Seligman, Arnold M. (Shear, Leiter, and Sweet).
- Lenert, Louva G. (and Legwen): A review of current Georgia malaria control operations. J. Nat. Malaria Soc. 7: 187.
- Leuthardt, Florence M.: *See* Greenstein, Jesse P. (and Leuthardt); Greenstein, Jesse P. (Price, and Leuthardt).
- Levine, Benjamin S. (and Black): Newly proposed staining formulas for the direct microscopic examination of milk. Am. J. Pub. Health 38: 1210.
- Lewis, Ira: *See* Edwards, Lydia B. (Lewis, and Palmer).

- Lewis, John L., Jr. (and Spicknall): Visceral leishmaniasis (kala-azar). Report of a case. *Am. J. Trop. Med.* **28**: 551.
- Likely, Gwendolyn: *See* Sanford, Katherine K. (Earle, and Likely).
- Likins, R. C.: *See* McCauley, H. Berton (Likins, and Arnold).
- Liljegen, Ervin J.: *See* Webster, Stewart H. (Liljegen, and Zimmer).
- Lillie, R. D.: Advances in histopathologic technic. *Am. J. Clin. Path.* **18**: 867.
— *See also* Stohlman, Edward F. (and Lillie).
- Lindsay, Dale R.: *See* Watt, James (and Lindsay).
- Lints, Herbert A.: *See* Culwell, William B. (Cooper, White, Lints, and Coatney); White, Weldon C. (Cooper, Coatney, Culwell, Lints, and Young).
- Lloyd, Bolivar J.: *See* Dalton, Albert J. (Kahler, Lloyd, Striebich, and Maury).
- *Lloyd, Ralph S. (and Holt): Rhinoplasty—the use of methyl methacrylate as a surgical implant. *Arch. Otolaryng.* **47**: 406.
- Lonsdale, Kathleen: Vibration amplitudes of atoms in cubic crystals. *Acta Crystallographica* **1**: 142.
- Lorenz, Egon (and Stewart): Tumors of alimentary tract in mice fed carcinogenic hydrocarbons in mineral-oil emulsions. *J. Nat. Cancer Inst.* **9**: 173.
— *See also* Eschenbrenner, Allen B. (Miller, and Lorenz); Weikel, Joanne (and Lorenz).

M

- *MacCardle, Ross C.: Cell changes revealed by microincineration and ultracentrifugation in tumors of mice treated with acetylcholinomethyl and with podophyllin (abstract). *Anat. Rec.* **100**: 693.
- Magnuson, Harold J.: Current concepts of immunity in syphilis. Symposium on syphilis. *Am. J. Med.* **5**: 641.
— (and Rosenau): The rate of development and degree of acquired immunity in experimental syphilis. *Am. J. Syph., Gonorr., and Ven. Dis.* **32**: 418.
— The treatment of asymptomatic neurosyphilis in the white mouse. *J. Invest. Dermat.* **11**: 435.
- Mann, Elizabeth Rogers: *See* von Brand, Theodor (Nolan, and Mann).
- Markee, Mabelle J.: Highlights in industrial nursing. *Indust. Nursing* **7**: 13.
- Markel, I. J.: *See* Behling, R. T. (and Markel).
- *Marshak, Alfred: Evidence for a nuclear precursor to ribonucleic acid and desoxyribonucleic acid. *Acta Unio Internationalis Contra Cancerum* **6**: 366.
- Mason, Howard S.: Present status of the poison ivy problem. *Indust. Hyg. Newsletter* **8** (No. 7): 5.
- Maury, Priscilla B.: *See* Dalton, Albert J. (Kahler, Lloyd, Striebich, and Maury).
- *Maver, Mary E.: The cathepsins of normal and neoplastic tissues. *Acta Unio Internationalis Contra Cancerum* **6**: 292.
— (Dunn and Greco): The catheptic activities of the tumors and tissues of tumor-bearing rats. *J. Nat. Cancer Inst.* **9**: 39.
— (and Greco): The hydrolysis of nuclear proteins by cathepsins. I. Calf thymus cathepsin (abstract). *Federation Proc.* **7**: 171.
- *May, Everette L. (and Mosettig): Some reactions of amidone (abstract). *In* Abstracts of papers, 113th Meeting, American Chemical Society. Washington, D. C., American Chemical Society News Service, p. 82L.
— Some reactions of isoamidone. *J. Org. Chem.* **13**: 663.
- McCauley, H. Berton (Likins, and Arnold): The relation between dental caries experience and poliomyelitis in Minneapolis school children (1946 epidemic) (abstract). *J. Dent. Res.* **27**: 736.
— *See also* Dale, Peter (and McCauley).
- McCauley, R. H., Jr. (Fay, and Simmons): A comparison of the residual effectiveness of certain insecticides against *Anopheles quadrimaculatus*. *J. Nat. Malaria Soc.* **7**: 294.
- McCleod, Charlotte: Circulin, and antibiotic from a member of the bacillus circulans group. I. Bacteriological studies. *J. Bact.* **56**: 749.
- McClosky, W. T.: *See* Smith, Maurice I. (Emmart, and McClosky); Smith, Maurice I. (Junge, and McClosky).
- McClure, Frank J.: *See* Zipkin, Isadore (and McClure).
- McClure, H. Elliott: *See* Herman, Carlton M. (Reeves, and McClure).
- McCoy, G. W.: Leprosy: Factors in public health management. *Pub. Health Rep.* **63**: 1522.
- McCullough, Norman B.: *See* Apter, Nathaniel S. (Halstead, Eisele, and McCullough); Eisele, C. Wesley (and McCullough).
- *McDaniel, G. E. (and Hemphill): *Plasmodium malariae* in school surveys in South Carolina. *J. Nat. Malaria Soc.* **7**: 65.
- McWilliams, J. G.: *See* Nicholson, H. P. (Gaines, McWilliams, and Vetter).

- Mehler, A. H. (Kornberg, Grisola, and Ochoa): The enzymatic mechanism of oxidation-reductions between malate or isocitrate and pyruvate. *J. Biol. Chem.* **174**: 96.
- Meister, Alton: Acylpyruvase activity of certain normal and neoplastic tissues. *J. Nat. Cancer Inst.* **9**: 125.
- *——— Dephosphorylation of adenosinetriphosphate by normal and pathological human sera. *J. Clin. Invest.* **27**: 263.
- *——— (and Greenstein): Enzymatic hydrolysis of acetopyruvic acid (abstract). *Federation Proc.* **7**: 173.
- Enzymatic hydrolysis of 2,4-diketo acids. *J. Biol. Chem.* **175**: 573.
- Melroy, M. B. (and Spencer): Studies in survival (abstract). *Cancer Research* **8**: 381.
- Michele, Arthur A. (and Krueger): Operative correction for hammer toe. *Mil. Surgeon* **103**: 52.
- Patella fractures. *Surgery* **24**: 100.
- Streptomycin and surgery in the treatment of tuberculous joints. *New York State J. Med.* **48**: 1470.
- Micks, Don W. (de Caries, and Franco): The relationship of exflagellation in avian plasmodia to pH and immunity in the mosquito. *Am. J. Hyg.* **48**: 182.
- Miller, Eliza: See Eschenbrenner, Allen B. (Miller, and Lorenz).
- Miller, Milton J.: See Abbott, Gordon A. (and Miller).
- *Moore, W. Allan (Kroner, and Ruchhoft): Oxidation of organic compounds in dilute solution by the dichromate reflux method (abstract). *In Abstracts of papers, 113th Meeting, American Chemical Society, Washington, D. C., American Chemical Society News Service, p. 11R.*
- Morales, E. Garrido: The participation of Puerto Rico in the Federal health and hospital program. *Am. J. Pub. Health* **38**: 1387.
- Moriyama, Iwao M.: Is diabetes mortality increasing? *Pub. Health Rep.* **63**: 1334.
- See also Woolsey, Theodore D. (and Moriyama).
- Morlan, Harvey B.: See Hill, Elmer L. (and Morlan).
- Morris, Harold P.: Chemical changes in pyrolyzed lard and biological effects produced in rats ingesting heated fats. *In Tr. Second Conf. on Biological Antioxidants. New York, Josiah Macy Foundation, p. 96.*
- *——— (Dubnik, and Dunn): Studies of thiamine deficiency in C3H mice (abstract). *Federation Proc.* **7**: 295.
- *——— (Dubnik, Dunn, and Westfall): Some observations on carcinogenicity, distribution and metabolism of N-acetyl-2-aminofluorene in the rat. *Acta Unio Internationalis Contra Cancrum* **6**: 47.
- (Dunn and Dubnik): Two transplantable rat carcinomas induced with N-acetyl-2-aminofluorene. *J. Nat. Cancer Inst.* **99**: 225.
- (and Westfall): Distribution of N-acetyl-2-aminofluorene in the rat following a single feeding. *J. Nat. Cancer Inst.* **9**: 149.
- (Westfall, Dubnik, and Dunn): Some observations on carcinogenicity, distribution and metabolism of N-acetyl-2-aminofluorene in the rat (abstract). *Cancer Research* **8**: 390.
- See also Dalton, Albert J. (Morris, and Dubnik).
- *Mosettig, Erich (and Mazingo): The Rosemund reduction of acid chlorides to aldehydes. *In Organic reactions. New York, John Wiley and Sons, vol. 4, p. 362.*
- See also May, Everette L. (and Mosettig).
- Mott, Frederick D. (and Roemer): Rural health and medical care. New York, McGraw-Hill Book Co., 608 pp.
- Murray, Roderick: Potency of cholera vaccines. *Trop. Med. News* **5**: 4.
- Musselman, A. D.: See Eagle, Harry (and Musselman).

N

- Neal, Paul A.: See Du Buy, Herman G. (Dunn, Brackett, Dreesen, Neal, and Posner); Spicer, Samuel S. (Hanna, and Neal).
- Nelson, Robert A., Jr. (and Steinman): Factors affecting the survival of *Treponema pallidum* in vitro (abstract). *Proc. Soc. Exper. Biol. and Med.* **68**: 588.
- Newton, Walter L. (Figgat and Weibel): The effects of sewage treatment processes upon ova and miracidia of *Schistosoma japonicum*: Part II. *Sewage Wks. J.* **20**: 657.

- Nicholson, H. P. (Gaines, McWilliams, and Vetter): Combined typhus-malaria control residual spray operations with five percent DDT emulsion. *Pub. Health Rep.* **63**: 1005.
- Nolan, Mabelle O.: *See* von Brand, Theodor (Nolan, and Mann).

O

- Ochoa, S. (Mehler, and Kornberg): Biosynthesis of decarboxylic acids by carbon dioxide fixation: Isolation and properties of an enzyme from pigeon liver catalyzing the reversible oxidative decarboxylation of l-malic acid. *J. Biol. Chem.* **174**: 979.
- Oliphant, John W. (and Parker): Q fever: Three cases of laboratory infection. *Pub. Health Rep.* **63**: 1364.
- Olivier, Louis J.: A note on schistosomiasis in eastern Japan. *Am. J. Trop. Med.* **28**: 867.

P

- Paine, Robert M.: Pulse-wave velocity as an index of aging in the cardiovascular system. *J. Gerontol.* **3**: 303.
- Palmer, Carroll E.: *See* Edwards, Lydia B. (Lewis, and Palmer).
- Parker, R. R.: Symptomatology and certain aspects of Rocky Mountain spotted fever. *In* Rickettsial diseases of man. Washington, D. C., American Association for the Advancement of Science, p. 139.
- (Bell, and Lackman): Experimental studies of Q fever in cattle. I. Observations on four heifers and two milk cows. *Am. J. Hyg.* **48**: 191.
- *See also* Jellison, William L. (Bell, Huebner, Parker, and Welsh); Jellison, William L. (Huebner, Beck, Parker, and Bell); Jellison, William L. (Ormsbee, Beck, Huebner, Parker, and Bell); Lackman, David B. (and Parker); Oliphant, John W. (and Parker).
- Parran, Thomas: The present opportunity. *Architectural Rec.* **103**: 94.
- *——— Surmounting obstacles to health progress. *Am. J. Pub. Health* **38**: 168.
- Patnode, Robert: *See* Spendlove, George A. (Cummings, and Patnode).
- Pecora, L. J.: *See* Highman, Benjamin (Svirbely, von Oettingen, Alford, and Pecora); von Oettingen, W. F. (Powell, Sharpless, and Pecora).
- Perrine, Theodore D. (and Rapport): Preparation of organolithium reagents. *Analytical Chem.* **20**: 635.
- *Peterson, Rosalie I.: Public health nursing in the cancer control program of the United States Public Health Service. *Am. J. Pub. Health* **38**: 206.
- Petry, Lucile: Community needs for nursing care. *Pub. Health Nursing* **40**: 389.
- International Congress on Mental Health. *Pub. Health Nursing* **40**: 557.
- One hundred fifty years of service: The United States Public Health Service has made an important contribution to the Nation's health. *Am. J. Nursing* **48**: 434.
- Student services and educational costs. *Am. J. Nursing* **48**: 590.
- *——— The survey method in centralization. Attitudes affecting the use of a survey in centralization of schools and community facilities. *Am. J. Nursing* **48**: 333.
- World Health Organization and nursing. *Am. J. Nursing* **48**: 611.
- Philip, Cornelius B.: Notes on Egyptian tabanidae with comment on certain supraspecific categories of Old World tabanidae (diptera). *Bulletin de la Société Fouad I^{er} D'entomologie (Cairo, Egypt)* **32**: 77.
- Observations on experimental Q fever. *J. Parasitol.* **34**: 457.
- The reservoirs of infection in rickettsial diseases of man. *In* Rickettsial diseases of man. Washington, D. C., American Association for the Advancement of Science, p. 97.
- *——— Tsutsugamushi disease (scrub typhus) in World War II. *J. Parasitol.* **34**: 169.
- (and Hughes): The tropical rat mite, *Liponyssus bacoti*, as an experimental vector of rickettsialpox. *Am. J. Trop. Med.* **28**: 697.
- *See also* Smadel, Joseph E. (Woodward, Ley, Philip, Traub, Lewthwaite, and Savoer).

- *Placak, O. R. (Ruehhoft, and Snapp): Effect of copper and chromate ions on the B. O. D. of sewage dilutions (abstract). *In* Abstracts of papers, 113th Meeting, American Chemical Society, Washington, D. C., American Chemical Society News Service, p. 9R.
- *See also* Ruehhoft, C. C. (Placak, and Ettinger); Ruehhoft, C. C. (Placak, Kachmar, and Calbert).
- Poel, William E.: Preparation of acellular homogenates from muscle samples. *Science* **108**: 390.
- *See also* Bowen, William J. (and Poel).
- Polson, A. (and Wyckoff): The amino acid content of bacteriophage. *Science* **108**: 390.
- Porterfield, Virginia T.: *See* Heppel, Leon A. (and Porterfield).
- Posner, Irene: *See* Du Buy, Herman G. (Dunn, Brackett, Dreessen, Neal, and Posner).
- Powell, C. C.: *See* von Oettingen, W. F. (Powell, Sharpless, and Pecora).
- Pratt, Harry D.: Influence of the moon on light trap collection of *Anopheles albimanus* in Puerto Rico. *J. Nat. Malaria Soc.* **7**: 212.
- *See also* Weinstein, Paul P. (and Pratt).
- Price, Vincent E. (and Greenstein): Acetylated dehydroamino acids. *Arch. Biochem.* **18**: 383.
- Enzymatic hydrolysis of analogous saturated and unsaturated peptides. *J. Biol. Chem.* **175**: 969.
- N-acetylated and N-methylated glycyldehydroalimine and related compounds (abstract). *Federation Proc.* **7**: 178.
- *See also* Greenstein, Jesse P. (and Price); Greenstein, Jesse P. (Price, and Leuthardt).
- Probev, Thomas F.: Attempt to produce an arsenic-resistant strain of *Spirochaeta pallida* in experimental syphilis. *Pub. Health Rep.* **63**: 1654.

Q

- Quarterman, K. D.: Some factors influencing the residual effectiveness of DDT and chlordane in anopheline mosquito control. *J. Nat. Malaria Soc.* **7**: 300.

R

- Rapport, Henry: *See* Perrine, T. D. (and Rapport).
- Reardon, Lucy V.: *See* Rees, Charles W. (Reardon, and Baernstein).
- Rees, Charles W. (Reardon, and Baernstein): A biochemical approach to the problem of cultivating *Endamoeba histolytica* without bacteria (abstract). *J. Parasitol.* **34** (No. 6, Section 2, Supp.): 11.
- Reidel, L. M.: *See* Harris, Ad (and Reidel).
- Reynolds, Frank W.: Nationwide results in the treatment of early syphilis with penicillin. Symposium on syphilis. *Am. J. Med.* **5**: 679.
- Penicillin in early syphilis: A statistical comparison of results from two studies. *J. Ven. Dis. Inform.* **29**: 272.
- Richtmeyer, Nelson K.: *See* Hann, Raymond M. (and Richtmeyer).
- Rion, J. Wallace (and Iskrant): Differentials in the process of contact investigation. *J. Ven. Dis. Inform.* **29**: 231.
- *See also* Giacomo, Rosalie (and Rion).
- *Roberts, Sidney (Adams, and White): Release of antibody by lymphoid tissue in vitro. *J. Biol. Chem.* **174**: 379.
- Roemer, Milton I.: *See* Janis, Lee (and Roemer); Mott, Frederick (and Roemer).
- Roemmich, William (Weber, Hill, and Amos): Preliminary report on a community-wide chest X-ray survey at Minneapolis, Minn. *Pub. Health Rep.* **63**: 1285.
- Rogosa, Morrison: Mechanism of the fermentation of lactose by yeasts. *J. Biol. Chem.* **175**: 413.
- *——— Mechanism of the fermentation of lactose by yeasts (abstract). *Proc. Soc. Am. Bact.* **1**: 5.
- Rosenau, Barbara J.: *See* Magnuson, Harold J. (and Rosenau).
- Rosenberg, Arthur A. (Harris, and Harding): A macroflocculation spinal fluid test employing cardiolipin-lecithin antigen. *J. Ven. Dis. Inform.* **29**: 359.
- *See also* Harris, Ad (Rosenberg, and Del Vecchio).
- Rozeboom, Lloyd E. (and Komp): Three new series of *Culex* (Diptera: Culicidae) from Colombia. *J. Parasitol.* **34**: 396.

- Ruehhoft, C. C. (Placak, and Ettinger): Correction of B. O. D. velocity constants for nitrification. *Sewage Wks. J.* **20**: 832.
- (Placak, Kachmar and Calbert): Variations in B. O. D. velocity constants of sewage dilutions. *Indust. and Engin. Chem.* **40**: 1290.
- *See also* Ettinger, M. B. (and Ruehhoft); Moore, W. Allan (Kroner, and Ruehhoft); Placak, O. R. (Ruehhoft, and Snapp).
- Rue, Ruth Elizabeth: *See* Berry, Elmer G. (and Rue).
- Russ, Ella M.: *See* Stannard, J. N. (and Russ).

S

- Sabine, Jean C.: *See* Wright, C. I. (and Sabine).
- Salvin, Samuel B. (and Hottle): Factors influencing histoplasmin formation. *J. Bact.* **56**: 541.
- Serologic studies on antigens from *Histoplasma capsulatum* Darling. *J. Immunol.* **60**: 57.
- Sanford, Katherine K. (Earle, and Likely): The growth in vitro of single isolated tissue cells. *J. Nat. Cancer Inst.* **9**: 229.
- Sargent, Lewis J. (and Small): Amino carbinols derived from 2-acetylfluorene. *J. Org. Chem.* **13**: 608.
- *Scheele, Leonard A.: The cancer program of the United States Public Health Service. *South. M. J.* **41**: 237.
- *——— The cancer research problem (Editorial). *Am. J. Med.* **4**: 471.
- Challenge of the National Health Assembly. *Pub. Health News (New Jersey Department of Health)* **29**: 227.
- A forward look at dentistry. *J. Am. Dent. Assoc.* **37**: 627.
- *——— The Fourth International Cancer Research Congress. *State Dept. Bull.* **18**: 147.
- *——— The new era of medicine. Editorial. *Med. Ann. District of Columbia* **17**: 285.
- *——— Partners in public health. *J. Am. Pharm. Assoc. (Practical Pharm. Ed.)* **9**: 340.
- The past and future of the Public Health Service. *Ohio Pub. Health* **12**: 1.
- Plans of the Public Health Service. *Med. Ann. District of Columbia* **17**: 605.
- Public health in a changing world. *Pub. Health Nursing* **40**: 385.
- *——— The road ahead in public health. *Pub. Health News (New Jersey Department of Health)* **29**: 174.
- The school and national health. *J. Educ. Sociol.* **22**: 31.
- Today's public health challenge. *Massachusetts Health J.* **29**: 2.
- Schneider, Roy (Rhinehardt, and Caminita): *Aerobacter cloacae* endotoxin as a possible factor in the etiology of bagassosis. *J. Indust. Hyg. and Toxicol.* **30**: 238.
- Schwemlein, George X. (Bauer, Craig, and Rodriguez): Penicillin and fever therapy in early syphilis. *J. Am. Med. Assoc.* **137**: 1209.
- Scott, David B. (and Wyckoff): Electron microscopy of enamel and dentin (abstract). *J. Dent. Res.* **27**: 748.
- *See* Hampp, Edward G. (Wyckoff, and Scott).
- Seger, Gordon H.: A cooperative study of streptomycin in tuberculosis. *Dis. of Chest* **14**: 686.
- Seligman, Arnold M. (Shear, Leiter, and Sweet): Chemical alteration of polysaccharide from *Serratia marcescens*. I. Tumor-necrotizing polysaccharide tagged with radioactive iodine. *J. Nat. Cancer Inst.* **9**: 13.
- Sexton, R. C.: Venereal disease information among patients. *J. Ven. Dis. Inform.* **29**: 227.
- Shack, Joseph: *See* Clark, W. Mansfield (Davies, Porter, Shack, Taylor, Vestling, and Weisiger).
- Shacter, Bernard (and Shimkin): The carbonic anhydrase content of normal and neoplastic tissues. *J. Nat. Cancer Inst.* **9**: 155.
- *Shapiro, Herbert: Do chromosomes manifest osmotic volume change? *Proc. Soc. Exper. Biol. and Med.* **67**: 180.
- *——— The retarding action of vitamin C in physiological concentrations on the rate of cell division (abstract). *Federation Proc.* **7**: 112.
- Sharpless, N. E.: *See* von Oettingen, W. F. (Powell, Sharpless, and Pecora).

- *Shear, M. J.: Chemotherapy of cancer: A general review (abstract). *In* First annual medicinal chemistry symposium of the American Chemical Society. Ann Arbor, Michigan, The Society, p. 87.
 — See also Seligman, Arnold M. (Shear, Leiter, and Sweet).
- Shepard, Charles C.: Q fever—A serological survey of bovine serums in the United States. *Am. J. Trop. Med.* **28**: 849.
- Shepard, Maurice C.: See Davidson, Harold H. (and Shepard).
- Shimkin, Michael B.: Intracranial metastases of primary pulmonary carcinoma: A diagnostic difficulty. *California Med.* **69**: 224.
 — See also Shaeter, Bernard (and Shimkin).
- Shinn, Charles C.: Are you planning an exhibit? *Indust. Hyg. Newsletter* **8** (No. 11): 8.
 — Corrugated paper and Christmas ribbon. *Indust. Hyg. Newsletter* **8** (No. 12): 6.
- *Shock, Nathan W. (and Yiengst): Experimental displacement of the acid base equilibrium of the blood in aged males (abstract). *Federation Proc.* **7**: 114.
 — See also Cohen, Jerome E. (and Shock).
- Silverman, Milton: Metal antagonism of the antibacterial action of atabrine and other drugs. *Arch. Biochem.* **19**: 193.
- Simmons, S. W.: See McCauley, R. H., Jr. (Fay, and Simmons).
- Sitgreaves, Rosedith: See Gafafer, William M. (Frasier, and Sitgreaves).
- *Smadel, Joseph E. (Woodward, Ley, Philip, Traub, Lewthwaite, and Savoor): Chloromycetin in the treatment of scrub typhus. *In* Proc. Fourth Internat. Cong. Med. and Malaria. Washington, D. C., U. S. Government Printing Office **1**: 429.
- Small, Lyndon F.: Chemistry of natural and synthetic analgesics. *Ann. New York Acad. Sc.* **51**: 12.
 — See also Sargent, Lewis J. (and Small).
- Smith, Clinton S.: See Tomlinson, Thomas H. (Smith, and Fogg).
- Smith, Emily M.: Industrial nurses teach with pamphlets. *Am. J. Nursing* **48**: 566.
- Smith, Maurice I. (Emmart, and McClosky): Streptomycin in experimental guinea pig tuberculosis. *Am. Rev. Tuberc.* **58**: 112.
 — (Junge, and McClosky): The pharmacologic and chemotherapeutic action of p-p'-diaminodiphenyltrichloroethane. *J. Am. Pharm. Assoc. (Scient. Ed.)* **37**: 461.
- Smith, Norman H. See Brubach, Howard F. (and Smith).
- *Smith, Robert E. (and Bronson): An improved radioactivity measuring cup. *Science* **107**: 603.
- Smith, Willie W. (Dooley, and Thompson): Simulated high altitude following whole-body radiation of mice. *J. Aviation Med.* **19**: 227.
- Snapp, R. G.: See Placak, O. R. (Ruchhoft, and Snapp).
- Spear, Frances: Determination of antibody content of lymphoid cell extracts. *J. Lab. and Clin. Med.* **33**: 1563.
 — Separation of leukocytes from whole blood by flotation on gum acacia. *Blood* **3**: 1055.
- Specht, Heinz: Physiological effects of abnormal atmospheric pressures. *In* Industrial hygiene and toxicology. New York, Interscience Publishers, Inc., vol. 1, p. 135.
- Spencer, R. R.: The meaning of cancer research. *J. Am. Med. Assoc.* **137**: 1361.
 — See also Melroy, M. B. (and Spencer).
- Spendlove, George A. (Cummings, Fackler, and Michael): Enhancement of growth of a strain of *M. tuberculosis* (var. hominis) by streptomycin. *Pub. Health Rep.* **63**: 1177.
 — (Cummings, and Patnode): Arm rest for use in microscopy. *Pub. Health Rep.* **63**: 1046.
- Spicer, Samuel S. (Hanna and Neal): A note on methemoglobinemia and Heinz body formation in cats fed commercial crayon. *J. Pediat.* **33**: 739.
- Spicknall, Charles G. (Terry, and Huebner): Treatment of Q fever with streptomycin. A case report. *Am. J. Trop. Med.* **28**: 845.
 — See also Lewis, John L., Jr. (and Spicknall).
- Stannard, J. N. (and Russ): Estimation of critical dead space in respiratory protective devices. *J. App. Physiol.* **1**: 326.
 — See also Horecker, B. L. (and Stannard).
- Steele, James H.: Anthrax. *Indust. Hyg. Newsletter* **8** (No. 12): 11.

- Steinman, Harry G.: Arsenic preparations. *In* Encyclopedia of chemical technology. New York, Interscience Publishers, Inc., vol. 2; p. 123.
 ——— See also Eagle, Harry (and Steinman); Nelson, Robert A. (and Steinman).
- Stephan, Robert M.: An auxanographic method for the demonstration of factors which may influence decalcification in dental caries (abstract). *J. Dent. Res.* **27**: 735.
- Relative importance of polysaccharides, disaccharides and monosaccharides in the production of caries. *J. Am. Dent. Assoc.* **37**: 530.
- Stewart, Harold L.: See Lorenz, Egon (and Stewart).
- Stohman, Edward F.: The effects of corn oil and olive oil on the blood sugar and rectal temperature of rabbits. *J. Pharmacol. and Exper. Therap.* **93**: 346.
- (and Lillie): The effects of DDT on the blood sugar and of glucose administration on the acute and chronic poisoning of DDT in rabbits. *J. Pharmacol. and Exper. Therap.* **93**: 351.
- Striebich, Mary J.: See Dalton, Albert J. (Kahler, Lloyd, Striebich, and Maury).
- Svirbely, J. L.: See Highman, Benjamin (Svirbely, von Oettingen, Alford, and Pecora).
- Swanson, C. P. (Hollaender, and Kaufman): Modification of the X-ray and ultraviolet induced mutation rate in *Aspergillus terreus* by pretreatment with near infrared radiation. *Genetics* **33**: 429.

T

- Tarzwel, Clarence M.: Effects of routine DDT mosquito larviciding on wildlife. *J. Nat. Malarial Soc.* **7**: 199.
- Tauber, Henry: A new color test for tryptophan. *J. Am. Chem. Soc.* **70**: 2615.
- Terry, Luther L. (and Bozicevich): The importance of the complement fixation test in amebic hepatitis and liver abscess. *South. M. J.* **41**: 691.
- (and Friedman): Oral penicillin in the treatment of respiratory infections. A preliminary report. *Mil. Surgeon* **103**: 377.
- See also Spicknall, Charles G. (Terry, and Huebner).
- Thompson, Edwin C.: See Dautrebande, Lucien (Highman, Alford, Weaver, and Thompson); Smith, Willie W. (Dooley, and Thompson).
- Tobie, Eleanor Johnson: See von Brand, Theodor (and Tobie).
- Tomlinson, Thomas H., Jr. (Smith, and Fogg): A piroplasm, *Babesia wrighti*, N. sp., from the rock squirrel (*Citellus variegatus buckleyi*). *J. Nat. Malaria Soc.* **7**: 254.
- Topping, Norman H.: Rickettsial diseases. Isolation and identification of rickettsial agents. *In* Diagnostic procedures for virus and rickettsial diseases. Ed. 1. New York, American Public Health Association, p. 299.

U

- Utz, John P.: Effect in vitro of specific lipid fractions of animal sera on psittacosis virus. *Proc. Soc. Exper. Biol. and Med.* **69**: 186.

V

- Van der Schalie, Henry (and Berry): Aquatic pulmonates from Lake Tahoe. *Nautilus* **62**: 3.
- *Veltee, Milton V.: Address (Carson Frailey Quarter Century Celebration). *In* Proceedings, American Drug Manufacturers' Association. Baltimore, Lord Baltimore Press, p. 123.
- *——— Specifications recommended as guides in the collection and preservation of pollens. *Ann. Allergy* **6**: 56. Also in *J. Allergy* **19**: 210.
- Vetter, M. H.: See Nicholson, H. P. (Gaines, McWilliams, and Vetter).
- von Brand, Theodor (Nolan, and Mann): Observations on the respiration of *Australorbis glabratus* and some other aquatic snails. *Biol. Bull.* **95**: 199.
- (and Tobie): Influence of SH-inhibitors on the oxygen consumption of the blood stream from some trypanosomes (abstract). *J. Parasitol.* **34** (No. 6, Section 2, Supp.): 19.
- Vonderlehr, R. A.: The control of tropical diseases in the Western Hemisphere. *Med. Woman's J.* **55** (No. 12): 17.
- *von Oettingen, W. F. (Powell, Sharpless, and Pecora): Comparative studies of the toxicity and physiological action of chlorinated methanes with reference to their physical and chemical characteristics (abstract). *Federation Proc.* **7**: 262.
- See also Highman, Benjamin (Svirbely, von Oettingen, Alford, and Pecora).

Vreeland, Ellwynne M.: Some qualitative and quantitative factors in nurse education. *Pub. Health Rep.* **63**: 1667.

W

- *Waagen, Louise O.: The Hospital Survey and Construction Act. *Am. J. Nursing* **48**: 361.
- *——— The nursing school budget. *Am. J. Nursing* **48**: 120.
- *Warren, T. N.: Fractionation and chemical analyses of a malignant mouse thymoma. *Am. J. Med.* **4**: 459.
- (and Chanutin): Studies on fractions of a mouse thymoma: Effect of diet and inhibiting agents on the lipid and nucleic acid concentrations. *J. Nat. Cancer Inst.* **9**: 47.
- *See also* Gjessing, E. C. (and Warren).
- Watt, James (and Lindsay): Diarrheal disease control studies. I. Effect of fly control in a high morbidity area. *Pub. Health Rep.* **63**: 1319.
- Weaver, F. L.: *See* Dautrebande, Lucien (Alford, Highman, Downing, and Weaver); Dautrebande, Lucien (Highman, Alford, Weaver, and Thompson).
- Weber, Francis J.: Beyond case finding—Editorial. *Pub. Health Rep.* **63**: 1027.
- Case finding and the private practitioner—Editorial. *Pub. Health Rep.* **63**: 865.
- Early recognition of tuberculosis—Editorial. *Pub. Health Rep.* **63**: 1283.
- Laboratory services and tuberculosis—Editorial. *Pub. Health Rep.* **63**: 1147.
- *——— (and Anderson): Summary of tuberculosis control activities. *Am. J. Pub. Health* **38**: 512.
- *See also* Roemmich, William (Weber, Hill, and Amos).
- Weber, George R.: Sterilization of dishes and utensils in eating establishments. *J. Milk and Food Technol.* **11**: 327.
- (and Black): Inhibitors for neutralizing the germicidal action of quaternary ammonium compounds. *Soap and San. Chemicals* **24**: 137.
- Laboratory procedure for evaluating practical performance of quaternary ammonium and other germicides proposed for sanitizing food utensils. *Am.-J. Pub. Health* **38**: 1405.
- Relative efficiency of quaternary inhibitors. *Soap and San. Chemicals* **24**: 134.
- Webster, Stewart H. (Liljegren, and Zimmer): Rapid staining of Heinz bodies in smears. *Stain Technol.* **23**: 97.
- Weibel, S. R.: *See* Newton, W. L. (Figgat, and Weibel).
- Weikel, Joanne (and Lorenz): Excretion of radium from the mouse. *Radiology* **51**: 865.
- *Weinstein, Paul P. (and Pratt): The laboratory infection of *Triatoma neotomae* Neiva with *Trypanosoma cruzi* Chagas and subsequent transmission to white mice. *J. Parasitol.* **34**: 231.
- *Weiss, Edward S.: An abridged table of probits for use in the graphic solution of the dosage-effect curve. *Am. J. Pub. Health* **38**: 22.
- West, John B.: United States health missions in Liberia. *Pub. Health Rep.* **63**: 1351.
- West, Margaret D.: Morbidity reporting in local areas. II. The problem of measuring the completeness of reporting. *Pub. Health Rep.* **63**: 1187.
- Westfall, Benton B.: *See* Morris, Harold P. (Dubnik, Dunn, and Westfall); Morris, Harold P. (and Westfall); Morris, Harold P. (Westfall, Dubnik, and Dunn).
- Whitacre, Frank E. (Hingson, and Turner): The treatment of eclampsia by means of regional nerve block. *South. M. J.* **41**: 920.
- *White, Florence R. (Eschenbrenner, and White): Oral administration of *P*-aminodimethylaniline, aniline and *P*-aminoazobenzene and the development of tumors in rats. *Acta Unio Internationalis Contra Cancrum* **6**: 75.
- *White, Julius: Experimental studies on leukemia in mice. *Proc. Inst. Med. Chicago* **17**: 130.
- *See also* White, Florence R. (Eschenbrenner, and White).
- White, Weldon C. (Cooper, Coatney, Culwell, Lints, and Young): Studies in human malaria. XXI. The cure of St. Elizabeth strain *Vvax* malaria by pentaquine-quinine, administered during acute attacks or during latency. *J. Nat. Malaria Soc.* **7**: 316.
- *See also* Culwell, William B. (Cooper, White, Lints, and Coatney).

- Whittlesey, Philip (and Hewitt): Serum concentration of penicillin following administration of crystalline procaine penicillin G in aqueous suspension. *Proc. Soc. Exper. Biol. and Med.* **68**: 658.
- Wight, Kent (and Burk): The effect of streptomycin on deamination and oxygen consumption by resting cells of *E. coli* (abstract). *Federation Proc.* **7**: 199.
- *Wikler, Abraham: Reactions of chronic decorticated dogs during a cycle of addiction to methadon (abstract). *Federation Proc.* **7**: 265.
- *——— (and Frank): Effects of electroshock convulsions on chronic decorticated cats (abstract). *Federation Proc.* **7**: 265.
- Wilcox, Aimee: *See* Haas, Victor H. (Wilcox, Laird, Ewing, and Coleman).
- *Williams, Charles L., Jr. (Hubbard, and Bain): Community health services for children in eight selected States. *Am. J. Pub. Health* **38**: 75.
- Willmon, T. L. (Hollaender, and Langmuir): Studies of the control of acute respiratory diseases among naval recruits. I. A review of a four-year experience with ultraviolet irradiation and dust suppressive measures, 1943-1947. *Am. J. Hyg.* **48**: 227.
- Wood, Harrison F.: The antireticular cytotoxic serum and aging (Review of ACS). *J. Gerontol.* **3**: 230.
- *Woods, Mark W. (and Du Buy): Comparative action of viruses and mutant chondrogenes on plant cells. *Acta Unio Internationalis Contra Cancrum* **6**: 233.
- The influence of mutant chondrogenes and viruses on plant cells (abstract). *Cancer Research* **8**: 391.
- Woolsey, Theodore D. (and Moriyama): Statistical studies of heart diseases. II. Important factors in heart disease mortality trends. *Pub. Health Rep.* **63**: 1247.
- *Wright, Charles I. (and Sabine): Cholinesterases of human erythrocytes and plasma and their inhibition by antimalarial drugs. *J. Pharmacol. and Exper. Therap.* **93**: 230.
- Wright, John T. (Bell and Habel): Benzene-ether extracted rabies vaccine. *Science* **108**: 118.
- (and Habel): A comparison of antigenicity and certain biological characteristics of 6 substrains of Pasteur fixed rabies virus. *J. Immunol.* **60**: 503.
- Wyckoff, Ralph W. G.: The electron microscopy of developing bacteriophage. II. Growth of T₄ in liquid culture. *Biochemica et Biophysica Acta* **2**: 246.
- *——— The electron microscopy of microorganisms. *In Proc. Fourth Internat. Cong. Trop. Med. and Malaria*. Washington, D. C., U. S. Government Printing Office **1**: 310.
- Multiplication of bacteriophage. *Nature* **162**: 649.
- *——— (Markham, and Smith): Molecular arrangement in tobacco necrosis virus crystals. *Nature* **16**: 760.
- *See also* Hampp, Edward G. (Wyckoff, and Scott); Polson, A. (and Wyckoff); Scott, David B. (and Wyckoff).

Y

- Yiengst, Marvin J.: *See* Shock, N. W. (and Yiengst).
- *Young, Martin D. (and Burgess): Studies on imported malarias: IX. The comparative susceptibility of *Anopheles quadrimaculatus* and *Anopheles maculipennis freeborni* to foreign *Vivax* malaria. *J. Nat. Malaria Soc.* **7**: 134.
- (Eyles, and Burgess): Studies on imported malarias: X. An evaluation of foreign malarias introduced into the United States by returning troops. *J. Nat. Malaria Soc.* **7**: 171.
- *See also* Eyles, Don E. (Young, and Burgess); White, Weldon C. (Cooper, Coatney, Culwell, Lints, and Young).

Z

- Zelle, M. R.: *See* Jarrett, E. T. (Zelle, and Hollaender).
- Zimmer, David J.: *See* Webster, Stewart H. (Liljegren, and Zimmer).
- Zipkin, Isadore (and McClure): Erosion and citrate content of saliva (abstract). *J. Dent. Res.* **27**: 739.