

ALEXANDER, James Waddell

Degrees

B.S.	Princeton University,	1910
A.M.	" "	1911
Ph.D.	" "	1915
Hon.D.Sc.	" "	1947

Studied at the Universities of Paris and Bologna

Honors and Honorary Memberships

Bocher Prize, 1929; Phi Beta Kappa; National Academy of Sciences;
American Philosophical Society; Vice President of the Mathematical
Association of America, 1934; Rouse Ball Lecturer, Cambridge, 1936

Positions held

Princeton University, Instructor, 1911-12; 1915-16
U. S. Army, Technical Staff, Ordnance Department, Captain, 1917-18
Princeton University, Asst. Prof., 1920-26; Assoc. Prof., 1926/28; Prof.,
1928-33
Institute for Advanced Study, Professor, 1933-47 (On
U. S. Navy, 1942

Show on lecture D.M. - 1926-7 Office Register

BEURLING, Arne A. K.

Degrees

Fil. kand.	Uppsala University,	1926
Fil. lic.	" "	1928
Fil. dr.	" "	1933 (Ph.D.)

Honors and Honorary Memberships

R.V.O., 1941; R.N.O., 1942; two prizes by The Swedish Academy of Science, 1937 and 1946; Member of the Royal Swedish Academy of Science, Royal Swedish Society of Science, Royal Physiographical Society, Finnish Society of Science, Danish Society of Science; Member of the Board of Mittag-Leffler Mathematical Institute; Chairman of Swedish National Committee for Mathematics, 1950; Honorary Member of the Swedish Mathematical Society.

Positions held

Uppsala University, Asst. Prof., 1931-33; Docent, 1933-37; Professor, 1937-54

Harvard University, Visiting Prof., 1948-49

Institute for Advanced Study, Member, 1952-54; Professor, 1954-

EINSTEIN, Albert

Not checked.

Degrees

Ph.D. University of Zürich, 1905

Studied also at the Eidgenössische Technische Hochschule, Zürich

Dr.h.c. Geneva, Zürich, Rostock, Princeton, Manchester, Cambridge,
Oxford, Glasgow, Madrid, Buenos Aires, Sorbonne

L.H.D. Yeshiva College, 1934

Sc.D. Harvard University, 1935; London, 1936

LL.D. University of the State of New York, 1936

Honors and Honorary Memberships

Academies of Sciences: National Academy (U.S.A.); Copenhagen, Denmark;
Göteborg, Sweden; Rome, Italy; Bologna, Italy; Amsterdam, The Netherlands;
Buenos Aires, Argentina; Barcelona, Spain; Saragossa, Spain; Rio de
Janeiro, Brazil; Montevideo, Uruguay; Boston, Massachusetts; Athens,
Greece; Leningrad, U.S.S.R.; American Philosophical Society; Royal
Society, London; London Mathematical Society; Academie francaise à
Paris; Golden Medal, Columbia University, New York; Golden Medal,
Royal Society, London; Copley Medal, England; Golden Medal, Rome;
Golden Medal, Paris; Medal, Astronomical Society, London; Medal, London
Mathematical Society; Nobel Prize, 1922; Franklin Institute Medal, 1935;
Gibbs Lecturer (A.M.S.), 1934

Positions held

University of Zürich, Professor, 1909-11

German University of Prague, Professor, 1911-14

Eidgen. Technische Hochschule, Zürich, Professor, 1912-14

Mitglied der Preussischen Akademie der Wissenschaft, Berlin, 1914-33

Leiden, The Netherlands, Honorary Professor

California Institute of Technology, Visiting Professor, 1931-33

*h. J. Berlin
1913-33*

EINSTEIN, Albert, continued

Positions held, continued

Rhodes Lecturer, Oxford University

Institute for Advanced Study, Professor, 1933-44; Emeritus, 1944-55

U. S. Navy Bureau of Ordnance, Staff Member Extraordinary, 1943-55

DYSON, Freeman J.

Degrees

B.A. Cambridge University, 1945 (degree in mathematics)

Honors and Honorary Memberships

Fellow of the Royal Society

Positions held

RAF Bomber Command, Civilian Scientific Officer, 1943-45

Imperial College of Science, London, Instr., 1945-46

Trinity College, Cambridge, Research Fellow, 1946-49

Cornell University, Commonwealth Fellow, 1947-48

Institute for Advanced Study, Commonwealth Fellow, 1948-49

Birmingham University, Warren Research Fellow, 1949-51

Cornell University, Professor, 1951-53

Institute for Advanced Study, Professor, 1953-

"
GODEL, Kurt

Degrees

Ph.D. University of Vienna, 1930

Hon.D.Litt. Yale University, 1951

Hon.D.Sc. Harvard University, 1952

Honors and Honorary Memberships

Einstein Award (split with Julian Schwinger), 1951; Member, National
Academy of Sciences (USA), 1955; Gibbs Lecturer (AMS), 1951

Positions held

University of Vienna, Privatdozent, 1933-38

Notre Dame University, 1938-39, Term II

Institute for Advanced Study, Member, 1933-34; 1935-36, Term I;

1938-39, Term I; 1939-40, Term II; 1940-46; Permanent Member,

1946-53; Professor, 1953-date

MONTGOMERY, Deane

Degrees

B.A. Hamline University, 1929
M.S. University of Iowa, 1930
Ph.D. " " " 1933

Honors and Honorary Memberships

Sigma Xi; National Academy of Sciences (USA), 1955; Colloquium Lecturer (A.M.S.) 1951; Editor, "Annals of Mathematics;" National Research Council.

Positions held

University of Iowa, Graduate Asst., 1930-33

Harvard University, National Research Fellow, 1933-34

Princeton University and Institute for Advanced Study, National Research Fellow, 1934-35

Smith College, Asst. Prof., 1935-38; Assoc. Prof., 1938-42; Prof., 1942-46

Institute for Advanced Study, Guggenheim Fellow, 1941-42

Princeton University, Visiting Assoc. Prof., 1943-45

Member, National Defense Research Committee, part-time, 1944-45

Institute for Advanced Study, Member, 1945-46; Permanent Member, 1948-51;

Professor, 1951-

(Yale University, Assoc. Prof., 1946-48

MORSE, Marston

Degrees

A.B. Colby College, 1914
A.M. Harvard College, 1915
Ph.D. " " 1917

Hon.Dr.h.c. Colby College, 1935
" Sorbonne, 1946
" Kenyon College, 1948
" Pisa, 1948
" Technische Hochschule, Vienna, 1952
" Rennes, 1953
" University of Maryland, 1955
" Brooklyn Polytechnic Institute, 1955
" Notre Dame, 1956

Honors and Honorary Memberships

Sigma Xi; Phi Beta Kappa; Delta Kappa Epsilon; American Mathematical Society, President, 1940-42; Fellow, American Academy of Arts and Sciences, 1929; Colloquium Lecturer, A.M.S., 1931; National Academy of Sciences (USA), 1932; Chairman of Section of Mathematics, 1941-43; Editor, "Compositio Mathematica"; Bôcher Prize, 1933; Fellow, American Philosophical Society, 1936; Editor, "Princeton Mathematical Series," 1938; National Research Council, Chairman of Division of Mathematics, 1951-52; Fellow, Am. Assoc. for Advancement of Science, Vice President, 1939; Member, Board of the National Science Foundation, 1950-54; Gibbs Lecturer, A.M.S., 1952; "Chevalier" of the French National Order of the Legion of Honor, 1952; Member, Committee to Visit Mathematics, Harvard College, 1951-

Foreign Honorary Memberships

Circolo Matematico di Palermo; For. Corresp. Accademia delle Scienze dell'Istituto di Bologna, 1948; Corresponding Member, Heidelberg Acad. Sci., 1950; "Socio Corrispondente" Istituto Lombardo, Milan, 1951;

MORSE, Marston, continued

Foreign Honorary Memberships continued

Membre honoraires du bureau, Société Mathématique de France, 1952;
Austrian Mathematical Society, 1953; Indian Mathematical Society
(succeeding honorary membership of Elie Cartan), 1953; "Correspondant",
L'Académie des Sciences de Paris, 1956

Positions held

Harvard University, Sheldon Fellowship, 1917 (resigned for World War I),
Benjamin Peirce Instructor, 1919-20; Asst. Prof., 1926-28; Assoc.
Prof., 1928-30; Prof., 1930-35
Cornell University, Instr., 1920-22; Asst. Prof., 1922-25
Brown University, Assoc. Prof., 1925-26
Institute for Advanced Study, Prof., 1935-

War Service

World War I: 20 months' service, 2nd LT, Field Artillery; Croix de
Guerre (silver star)(divisional citation)
World War II: Chmn., War Preparedness Comm., A.M.S.-M.A.A., 1940-42;
Tech. Expert, Research and Development Division, Army Ordnance
Department, 1942-45; Ordnance Department Meritorious Service Award
from President of U.S., 1944; Member, Comm. on Scientific Personnel
of N.R.C.; Army-Navy Certificate of Merit, 1948;

OPPENHEIMER, Robert

Degrees

A.B. Harvard, 1925
Ph.D. Göttingen, 1927

Also studied at Cambridge University, 1925-26

Hon.D.Sc. Pennsylvania, 1946
" Harvard, 1947
" New Mexico, 1947
LL.D. California, 1948

Honors and Honorary Memberships

Fellow, American Academy of Arts and Sciences; Fellow, American Physical Society, President, 1948; National Academy of Sciences (USA); Sigma Xi; Fellow, American Philosophical Society; Chairman, General Advisory Committee, Atomic Energy Commission, 1946-52; Member, Board of Overseers, Harvard, 1949; Hon. Fellow, Christ's College, Cambridge; Royal Danish Academy; Foreign Member, Brazilian Academy; Honorary Member, Japanese Academy; Medal of Merit.

Positions Held

Harvard University and California Inst. of Technology, National Research Fellow, 1927-28

Leiden and Zürich, International Ed. Bd. Fellow, 1928-29

University of California, Berkeley, Asst. Prof., 1929-30; Assoc. Prof., 1930-35; Prof., 1935-47

California Institute of Technology, Assoc. Prof., 1928-37; Prof., 1937-47

Los Alamos Scientific Lab., Director, 1943-45 (On leave from Calif.)

Institute for Advanced Study, Director and Professor, 1947-

PAIS, Abraham

Degrees

B.S. Amsterdam, 1938
M.S. Utrecht, 1940
Ph.D. " 1941

Honors and Honorary Memberships

Royal Society of The Netherlands; Fellow, American Physical Society.

~~Fellow Am. Phys. Soc. (if this is of any interest).~~

Positions held:

Utrecht University, Asst., 1939-41

Copenhagen Institute of Theoretical Physics, Feb.-Aug. 1946 ⁽¹⁹⁴⁷⁻⁴⁹⁾

Institute for Advanced Study, Member, 1946-47; ^{long term (5 yrs)} Permanent Member, 1947-51;

Professor, 1951-

Columbia University, 1954-55, Term II; 1955-56, Term I (On leave from

Institute)

Dear Miss Underwood
This is OK
Cordially
APais

SELBERG, Atle

Degrees

Ph.D. University of Oslo, 1943

Honors and Honorary Memberships

Norwegian Academy of Sciences, Oslo; Fields Medal and Prize, International Congress of Mathematicians, 1950

Positions held

University of Oslo, Research Fellow, 1942-47

Institute for Advanced Study, Member, 1947-48

University of Syracuse, Assoc. Prof., 1948-49

Institute for Advanced Study, Permanent Member, 1949-51; Professor, 1951-

SIEGEL, Carl Ludwig

Degrees

Ph.D. Göttingen University, 1920

Also studied at Universities of Berlin, 1915-17, and Göttingen, 1919
Dr.h.c. University of Chicago and University of Nancy

Honors and Honorary Memberships

Member: Academies at Copenhagen, Göttingen, Oslo, Stockholm; Honorary

Member of the Indian Mathematical Society

Positions held

Hamburg University, Lecturer, 1920

Göttingen University, Asst. to Prof. Courant, 1921; Privatdozent, 1921-22

Frankfurt University, Professor, 1922-37

Rockefeller Foundation Fellow, 1925

Göttingen University, Guest Lecturer, 1930; Professor, 1938-Resigned 1940;

Visiting Professor, 1946-47; Professor, 1951-date

Princeton University and Institute for Advanced Study, Visiting Lecturer,
1935, Term II

Institute for Advanced Study, Member, 1940-45; Professor, 1945-51 (on
leave, 1946-47)

> Cambridge University, Rouse Ball Lecturer, 1952

> Johns Hopkins University, Visiting Professor, 1953

Tata Institute of Fundamental Research, Bombay, Visiting Professor, 1955-56

VEBLEN, Oswald

Degrees

A.B. University of Iowa, 1898
A.B. Harvard University, 1900
Ph.D. University of Chicago, 1903

Hon.D.Sc. Oxford, 1929
" Oslo, 1929
" Hamburg, 1933
" Chicago, 1941
Hon.LL.D. Glasgow, 1951

Honors and Honorary Memberships

Fellow, American Association for the Advancement of Science; Fellow,
American Academy of Arts and Sciences; Fellow, American Physical
Society; American Philosophical Society, 1912; National Academy of
Sciences, (USA), 1919; American Mathematical Society, President, 1923-24;
National Research Council, Chairman, Division of Physical Sciences,
1923-24; President, International Congress of Mathematicians, 1950;
Colloquium Lecturer, A.M.S., 1916

Foreign

For. Corresp. Academia Nacional di Ciencia Exactas, Fisicas y Naturales,
Lima, 1940; Hon. Fellow, Royal Society of Edinburgh, 1943; Hon. Memb.,
London Mathematical Society, 1939; Hon. Memb., Bureau, Société Mathé-
matique de France, 1937; Royal Irish Academy (Dept. of Science), 1945;
For. Memb., Royal Danish Academy of Sciences and Letters, 1946; For.
Memb., Polish Academy of Sciences and Letters, 1946; For. Memb.,
Accademia dei Lincei, 1947; Knight, First Class, Royal Order of St. Olav
(Bestowed by His Majesty the King of Norway, 1949); For. Memb., Göttingen
Gesellschaft der Wissenschaften

Hugel Pond to Serpentine

Vol. O. 1880-

Notes - Agricultural Analysis 1907 Williams

Summary of scientific data from 1907

Notes on Dept. of Agriculture 1907 Williams

Progressive Summary 3 (1907)

Bridgman G D 1884-1944

Harvard 1912 Ph.D. 1919 known for researches
in dynamics & in relativity & for his
conceptual theory of atomic structure.

VEBLEN, Oswald, continued

Positions held

University of Iowa, Lab. Asst. in Physics, 1898-99

University of Chicago, Fellow, 1901-03; Assoc. Math., 1903-05

Princeton University, Preceptor, 1905-10; Professor, 1910-26; Henry B.

Fine Professor, 1926-32

Oxford University, Deputy for Savilian Professor, 1928-29

Institute for Advanced Study, Professor, 1932-⁴⁵50; Emeritus, 1950-⁴⁵ *

War Service

World War I - Army Ordnance Dept., Capt. and Major, 1917-19

World War II - U. S. Army and Navy, 1942; Army-Navy Certificate
of Merit, 1948

✱ Note Enrich called meeting ~~of~~ 1944 on -
See Minutes 1/19/45.

von NEUMANN, John, continued

Positions held

Göttingen University, Rockefeller Fellow, 1926

Berlin University, Privatdozent, 1927-29

Hamburg University, Privatdozent, 1929; 1931-32

Princeton University, Visiting Lecturer, 1930-31; Professor, Math.

Phys., 1931-33

Institute for Advanced Study, Professor, 1933-55 *also 57-61 AEC*

U. S. Atomic Energy Commission, Commissioner (Presidential appointment)

1955-59

Also member and consultant of

Scientific Advisory Comm., Ballistic Research Labs., Aberdeen Proving
Ground, Md., 1940-date

Navy Bureau of Ordnance, Washington, D. C., 1941-55

Los Alamos Scientific Lab., (AEC), Los Alamos, N. M., 1943-55

Naval Ordnance Lab., Silver Spring, Md., 1947-55

Research and Development Board, Washington, D. C., 1949-53

Oak Ridge National Lab., Oak Ridge, Tenn., 1949-54

Armed Forces Special Weapons Project, Washington, D. C., 1950-55

Weapons Systems Evaluation Group, Washington, D. C., 1950-55

Scientific Advisory Board, U. S. Air Force, Washington, D. C., 1951-date

Member, General Advisory Comm., U. S. Atomic Energy Commission (Presidential
appointment), 1952-54

Technical Advisory Panel on Atomic Energy, Washington, D. C., 1953-date *1957*

Died -

von NEUMANN, John

Degrees

E.Ch. Eidgen. Tech. Hoch., Zürich, 1925
Ph.D. University of Budapest, Hungary, 1926

Student at Berlin University, 1921-23

Hon.D.Sc. Princeton University, 1947
" University of Pennsylvania, 1950
" Harvard University, 1950
" Case Institute of Technology, 1952
" University of Maryland, 1952
" Istanbul, 1952
" Munich, 1953
" Columbia University, 1954

Honors and Honorary Memberships

Fellow, American Physical Society; American Mathematical Society,
President, 1951-52; Sigma Xi; Rockefeller Fellowship, 1926; Econometric
Society; International Statistical Institute, The Hague; National
Academy of Sciences (USA), 1937, Chairman, Mathematics Division, 1946;
Chairman, N.A.S.-N.R.C. Advisory Comm. in Math. to Director, Planning
Div., Office of Naval Research, 1947; Colloquium Lecturer (AMS), 1937;
American Philosophical Society, 1938; Bôcher Prize, 1937; Gibbs Lecturer
(AMS), 1944; American Academy of Arts and Sciences, 1944; Medal for
Merit and Distinguished Civilian Service award, 1947; Vanuxem Lecturer,
Princeton University, 1953; Medal of Freedom from President Eisenhower,
1956; Co-editor "Annals of Mathematics"; Co-editor "Compositio Mathe-
matica"; Enrico Fermi Award of A.E.C., 1956; Albert Einstein Commemora-
tive Award, 1956

Foreign

Corr. Mem., Royal Dutch Academy of Sciences, 1950; Istituto Lombardo,
Milan; Assoc. Mem., Academia Nacional de Ciencias Exactas, Lima; Hon. Memb.,
Accademia Nazionale dei Lincei, 1956

WEYL, Hermann

Not checked

Degrees

Dr.phil. Göttingen, 1908

Studied at Munich, 1905-06; Göttingen, 1904-08

Dr.phil.h.c. Oslo, 1929

Dr.Technology Stuttgart, 1929

D.Sc. University of Pennsylvania, 1940

Dr.d.Math.h.c. Eidgen. Tech. Hoch., Zürich, 1945

Dr.h.c. Sorbonne, 1952

D.Sc. Columbia University, 1954

Honors and Honorary Memberships

Lobatschewski Prize, Kazan, 1925; Am. Academy of Arts and Sciences, 1926; Am. Assoc. of University Professors, 1935; American Philosophical Society, 1935; Association for Symbolic Logic, 1936; National Academy of Sciences (USA), 1940; Co-editor, "American Journal of Mathematics", 1941-45; Civilian with Office of Scientific Research and Development; American Association for the Advancement of Science, 1946; Gibbs Lecturer, A.M.S., 1948; Vanuxem Lecturer, Princeton University, 1951; Arnold Reymond Prize for Scientific Philosophy, Lausanne, 1953; Chairman, International Committee to award Fields Medal, International Congress of Mathematicians, Amsterdam, 1954.

Foreign

Schweiz, Math. Gesell, 1913; Council of Mathematische Zeitschrift, 1918; Inst. des Sciences Theoret., Bruxelles; Gesell. d. Wissensch., Göttingen, 1921; Academia Sevillana de Buenas Letras, 1922; Soc. Matematica Espanola, 1923; Koninklijke Ak. van Wetenschappen, Amsterdam, 1935; Royal Society, London, 1936; London Math. Society, 1939;

WEYL, Hermann, continued

Foreign Honorary Memberships, continued

Acad. Nacional de Ciencias Exactas, Lima, 1944; Züricher Naturforschende Gesell., 1946; Indian Mathematical Society, 1946; Royal Swedish Acad., 1946; Académie des Sciences (géométrie), 1947; Cercle Mathématique, Tel-Aviv, 1948; Calcutta Math. Society, 1948; Mathematische-Naturwissenschaftliche Klasse, Bayerische Akad. d. Wissensch., 1951; Pontifical Academy of Science, Vatican City (Appointed by Holy Father), 1955.

Positions held

Göttingen University, Privatdozent, 1910-13
Eidgen. Tech. Hoch., Zürich, ord. Prof. f. Mathematik, 1913-30
Princeton University, Thomas D. Jones Res. Prof. in Math. Phys., 1928-29
Göttingen, ord. Prof. d. Math. und Direktor, Math. Inst., 1930-33
Institute for Advanced Study, Professor, 1933-51; Emeritus, 1951-55

WHITNEY, Hassler

Degrees

Ph.B. Yale University, 1928
Mus.B. " " 1929
Ph.D. Harvard University, 1932

Hon.D.Sc. Yale University, 1947

Honors and Honorary Memberships

American Mathematical Society, Vice President, 1948-50; National
Academy of Sciences (USA); American Philosophical Society; Member,
Mathematics Panel, National Defense Research Committee, 1943-45;
Colloquium Lecturer, A.M.S., 1946

Positions held

Harvard University, Instr., 1930-31; NRC Fellow and Lect., 1932-33;
Instr., 1933-35; Asst. Prof., 1935-40; Assoc. Prof., 1940-46;
Prof., 1946-52

Princeton University, NRC Fellow, 1931-32

Institute for Advanced Study, Professor, 1952-

Seems O.K.
HW

YANG, Chen Ning

Degrees

B.Sc. National Southwest Associated University, Kunming, China, 1942
M.Sc. " Tsinghua University, Kunming, China, 1944
Ph.D. University of Chicago, 1948

Honors and Honorary Memberships

Sigma Xi

Positions held

University of Chicago, Inst. for Nuclear Studies, Fellow, 1946-48;
Physics Department, Instr., 1948-49
Institute for Advanced Study, Member, 1949-50; Five-Year Membership,
1950-52 (Cut short by) Permanent Membership, 1952-55; Professor, 1955-
University of Rochester, Visiting Lecturer, June to August 1950
University of Illinois, Visiting Lecturer, July and August, 1951
University of Washington, Seattle, Visiting Prof., May to August, 1952
Brookhaven National Laboratory, Visiting Senior Physicist, 1953-54,
Summer, 1956
University of California, Radiation Lab., Consultant, July-August 1955