

# Who's Who in America

# Who's Who in America®

45th edition  
**1988-1989**  
Volume 1

**MARQUIS**  
**Who's Who**

Macmillan Directory Division  
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# Who's Who in America

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# Preface

First published in 1899, *Who's Who in America* has become the standard of contemporary biography throughout the nation. The "Big Red Book" is known for its readily available store of life and career data on noteworthy individuals.

The book has grown from 8,602 names in the first edition to approximately 77,000 biographees in the forty-fifth edition. *Who's Who in America* includes outstanding individuals in Canada and Mexico as well as the United States. The growth of the directory attests to its success in reflecting demographic crosscurrents within American society and in profiling key men and women who influence the nation's development. In addition, this steady growth proves the success of *Who's Who in America* in carrying out the intent of its original publisher, A.N. Marquis. In 1898, when he recognized the need for an American biographical directory, Mr. Marquis declared that the guiding principle behind such a venture would be to chronicle the lives of individuals whose achievements and contributions to society made them subjects of widespread reference interest and inquiry. The forty-fifth edition continues to uphold that principle.

The biographical data contained in the pages of *Who's Who in America* come from the best sources available—the biographees themselves, resulting in accurate and current biographical information. In the two years it takes to develop a single edition of *Who's Who in America*, many steps are taken. Potential biographees are identified by Marquis researchers and editors. Candidates are sent data forms and are invited to submit complete biographical and career information. These data are reviewed to confirm that candidates meet the stringent selection criteria. Sketches are then prepared and sent to biographees for prepublication checking.

In some cases where individuals fail to submit biographical data, Marquis staff members compile the information through independent research. Sketches compiled in this manner are denoted by the symbol \*. For a small number of cases, where detailed biographical data were not available at publication, the editors have written brief sketches with current career information; these are also indicated by the symbol \*.

Ultimate selection is based on reference value. Individuals become eligible for listing by virtue of their positions and/or noteworthy achievements that have proved to be of significant value to society. An individual's desire to be listed is not sufficient reason for inclusion. Similarly, wealth or social position is not a criterion. Purchase of the book is never a factor in the selection of biographees.

To maintain its reputation for currentness and, at the same time, to adhere to space limitations, *Who's Who in America* undergoes meticulous review of selection criteria with each edition. Deletion of some names is inevitable; such deletion is not arbitrary. For example, if a biographee has retired from active participation in a career or public life, the sketch may be excluded. In large part, it is career development that determines inclusion or continuation.

To produce the most efficient reference source available, *Who's Who in America* provides several features. First, the edition contains a cumulative Retiree Index of persons whose names were deleted from the forty-third through forty-fifth editions because they have retired from active work. This Index enables the user to locate the last published biographical sketch of each listee. Second, there is a Necrology of biographees whose sketches appeared in the forty-fourth edition and whose deaths were reported prior to the closing of this edition. The sketches have been removed from the book. For those individuals whose deaths were reported prior to mid-1985, complete biographical information, including date of death and place of interment, can be found in Volume VIII of *Who Was Who in America*. Biographees whose deaths were reported after mid-1985 will have their sketches appear in Volume IX of *Who Was Who in America*.

The third feature is an expanded listing of individuals whose sketches appear in one of the Marquis regional or topical directories. Included are *Who's Who in the East*, *Who's Who in the Midwest*, *Who's Who in the South and Southwest*, and *Who's Who in the West*, as well as *Who's Who in American Law*, *Who's Who of American Women*, and *Who's Who in Finance and Industry*. While some of these individuals are biographees in this edition, most are not. Thus, the reference potential of *Who's Who in America* is broadened by the listing of individuals found in the complementary Marquis volumes.

The feature, avocations, appears in the forty-fifth edition. Individuals listed in *Who's Who in America* for the first time were requested to indicate their avocations, thereby providing additional insights into their personal lives and interests.

Many of the sketches end with an italicized feature, "Thoughts on My Life." The statement is written by the biographees and reflects those principles, goals, ideals, and values that have been guidelines for success and high standards.

Putting together a reference source as comprehensive as *Who's Who in America* is a herculean challenge. Marquis Who's Who editors exercise diligent care preparing each sketch for publication. Despite all precautions, however, errors do occasionally occur. Users of this directory are invited to draw the attention of the publisher to any such errors so that corrective measures can be taken in a subsequent edition.

# Board of Advisors

Marquis Who's Who gratefully acknowledges the following individuals who have made themselves available for review, evaluation, and general comment with regard to the publication of the forty-fifth edition of *Who's Who in America*. The advisors have enhanced the reference value of this edition by the nomination of outstanding individuals for inclusion. However, the Board of Advisors, either collectively or individually, is in no way responsible for the final selection of names appearing in this volume, nor does the Board of Advisors bear responsibility for the accuracy or comprehensiveness of the biographical information or other material contained herein.

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# Standards of Admission

The foremost consideration in determining who will be admitted to the pages of *Who's Who in America* is the extent of an individual's reference interest. Reference value is based on either of two factors: 1) the position of responsibility held or 2) the level of significant achievement attained in a career of noteworthy activity. The majority of biographees qualify for admission on the basis of the first factor, a specific position of responsibility. Incumbency in the position makes the person someone of high reference interest. The factor of position includes the following categories:

1. High-ranking members of the legislative, executive, and judicial branches of the United State government. This group includes, for example, members of Congress, cabinet secretaries, chief administrators of selected federal agencies and commissions, and justices of the federal courts.
2. Military officers on active duty with the rank of major general or higher in the army, air force, and marine corps, and of rear admiral or higher in the navy.
3. Specified state government officials. Among them are governors, lieutenant governors, secretaries of state, attorneys general, treasurers, and other selected positions such as president of the state senate, the state university system administrator, and the chief state health officer. This standard includes officials of American territories.
4. Judges of state and territorial courts of the highest appellate jurisdiction.
5. High-level officials of principal cities, based on population. These officials include mayors, police chiefs, school superintendents, and other selected positions.
6. Leading government officials of Canada and Mexico. In Canada, this group includes, as examples, the prime minister, premiers of the provinces, ministers of departments of the federal government, and justices of the highest courts. Examples in the Mexican government are the president and cabinet secretaries of the national government.
7. Principal officers of major national and international businesses as defined by several quantitative criteria.
8. Ranking administrative officials of major universities and colleges. Some of the officers included in this category are president, provost, dean, and selected department heads.
9. Heads of leading philanthropic, cultural, educational, professional, and scientific institutions and associations. These institutions include, for example, selected foundations, museums, symphony orchestras, libraries, and research laboratories.

10. Selected members of honorary organizations such as the National Academy of Sciences, the National Academy of Design, and the Institute of Medicine. This group includes elected fellows of specified organizations, for example, the Royal Society of Canada and the American College of Trial Lawyers.

11. Chief ecclesiastics of the principal religious denominations.

12. Recipients of major national and international awards. A few examples are the Nobel and Pulitzer prizes, the Academy Award, and the American Institute of Architecture Gold Medal for Architecture.

Admission by the second factor—significant achievement—is based on the application of objective criteria established for each field. An artist whose works hang in major museums qualifies for admission for noteworthy accomplishment. The professor who has made important research contributions in his field is of reference interest because of his outstanding achievements. Qualitative standards determine eligibility for every field.

In many instances there is considerable overlap between the two factors used for inclusion in *Who's Who in America*. For example, the head of a major library is in the book because of position, but reaching that responsibility also signifies important achievement. Similarly, a state governor not only holds a position that warrants inclusion; attaining that post also represents significant achievement in the political world. In both cases the reference value of the biographical sketch is significant. Whether the person has been selected because of position or as a mark of achievement, the biographee in *Who's Who in America* has noteworthy accomplishments beyond those of the vast majority of contemporaries.



# Key to Information

[1] GIBSON, OSCAR JULIUS, [2] physician, medical educator; [3] b. Syracuse, N.Y., Aug. 31, 1937; [4] s. Paul Oliver and Elizabeth H. (Thrun) G.; [5] m. Judith S. Gonzalez, Apr. 28, 1968; [6] children: Richard Gary, Matthew Cary, Samuel Perry. [7] BA, magna cum laude, U. Pa., 1960; MD, Harvard U., 1964. [8] Diplomate Am. Bd. Internal Medicine, Am. Bd. Preventive Medicine. [9] Intern Barnes Hosp., St. Louis, 1964-65, resident, 1965-66; clin. assoc. Nat. Heart Inst., NIH, Bethesda, Md., 1966-68; chief resident medicine U. Okla. Hosps., 1968-69; asst. prof. community health Okla. Med. Ctr., 1969-70, assoc. prof., 1970-74, prof., chmn. dept., 1974-80; dean U. Okla. Coll. Medicine, 1978-82; v.p. med. staff affairs Bapt. Med. Ctr., Oklahoma City, 1982-86, exec. v.p., 1986-88, chmn., 1988—; mem. governing bd. Ambulatory Health Care Consortium, Inc., 1979-80; mem. Okla. Bd. Medicolegal Examiners, 1985—. [10] Contbr. articles to prof. journals. [11] Bd. dirs., v.p. Okla. Arthritis Found., 1982—; trustee North Central Mental Health Ctr., 1985—. [12] Served with U.S. Army, 1955-56. [13] Recipient R.T. Chadwick award NIH, 1968; Am. Heart Assn. grantee, 1985-86, 88. [14] Fellow Assn. Tchrs. Preventive Medicine; mem. Am. Fedn. Clin. Research, Assn. Med. Colls., AAAS, AMA, Sigma Xi. [15] Republican. [16] Roman Catholic. [17] Clubs: Harvard (Oklahoma City); Miami Country. [18] Lodge: KC. [19] Avocations: swimming, weight lifting, numismatics. [20] Home: 6060 N Ridge Ave Oklahoma City OK 73126 [21] Office: Bapt Med Ctr 1986 Cuba Hwy Oklahoma City OK 73120

## KEY

- [1] Name
- [2] Occupation
- [3] Vital Statistics
- [4] Parents
- [5] Marriage
- [6] Children
- [7] Education
- [8] Professional certifications
- [9] Career
- [10] Writings and creative works
- [11] Civic and political activities
- [12] Military
- [13] Awards and fellowships
- [14] Professional and  
association memberships
- [15] Political affiliation
- [16] Religion
- [17] Clubs
- [18] Lodges
- [19] Avocations
- [20] Home address
- [21] Office address

# Table of Abbreviations

The following abbreviations and symbols are frequently used in this book.

\*An asterisk following a sketch indicates that it was researched by the Marquis Who's Who editorial staff and has not been verified by the biographee.

AA, A.A. Associate in Arts  
 AAAL American Academy of Arts and Letters  
 AAAS American Association for the Advancement of Science  
 AAHPER Alliance for Health, Physical Education and Recreation  
 AAU Amateur Athletic Union  
 AAUP American Association of University Professors  
 AAUW American Association of University Women  
 AB, A.B. Arts, Bachelor of  
 AB Alberta  
 ABA American Bar Association  
 ABC American Broadcasting Company  
 AC Air Corps  
 acad. academy, academic  
 acct. accountant  
 acctg. accounting  
 ACDA Arms Control and Disarmament Agency  
 ACLU American Civil Liberties Union  
 ACP American College of Physicians  
 ACS American College of Surgeons  
 ADA American Dental Association  
 a.d.c. aide-de-camp  
 adj. adjunct, adjutant  
 adj. gen. adjutant general  
 adm. admiral  
 adminstr. administrator  
 adminstrn. administration  
 adminstrv. administrative  
 ADP Automatic Data Processing  
 adv. advocate, advisory  
 advt. advertising  
 AE, A.E. Agricultural Engineer  
 A.E. and P. Ambassador Extraordinary and Plenipotentiary  
 AEC Atomic Energy Commission  
 aero. aeronautical, aeronautic  
 aerodyn. aerodynamic  
 AFB Air Force Base  
 AFL-CIO American Federation of Labor and Congress of Industrial Organizations  
 AFTRA American Federation of TV and Radio Artists  
 agr. agriculture  
 agrl. agricultural  
 agt. agent  
 AGVA American Guild of Variety Artists  
 agy. agency  
 A&I Agricultural and Industrial  
 AIA American Institute of Architects

AIAA American Institute of Aeronautics and Astronautics  
 AID Agency for International Development  
 AIEE American Institute of Electrical Engineers  
 AIM American Institute of Management  
 AIME American Institute of Mining, Metallurgy, and Petroleum Engineers  
 AK Alaska  
 AL Alabama  
 ALA American Library Association  
 Ala. Alabama  
 alt. alternate  
 Alta. Alberta  
 A&M Agricultural and Mechanical  
 AM, A.M. Arts, Master of  
 Am. American, America  
 AMA American Medical Association  
 A.M.E. African Methodist Episcopal  
 Amtrak National Railroad Passenger Corporation  
 AMVETS American Veterans of World War II, Korea, Vietnam  
 anat. anatomical  
 ann. annual  
 ANTA American National Theatre and Academy  
 anthrop. anthropological  
 AP Associated Press  
 APO Army Post Office  
 apptd. appointed  
 Apr. April  
 apt. apartment  
 AR Arkansas  
 ARC American Red Cross  
 archeol. archeological  
 archtl. architectural  
 Ariz. Arizona  
 Ark. Arkansas  
 ArtsD, ArtsD. Arts, Doctor of  
 arty. artillery  
 AS American Samoa  
 AS Associate in Science  
 ASCAP American Society of Composers, Authors and Publishers  
 ASCE American Society of Civil Engineers  
 ASHRAE American Society of Heating, Refrigeration, and Air Conditioning Engineers  
 ASME American Society of Mechanical Engineers  
 assn. association  
 assoc. associate  
 asst. assistant  
 ASTM American Society for Testing and Materials

astron. astronomical  
 astrophys. astrophysical  
 ATSC Air Technical Service Command  
 AT&T American Telephone & Telegraph Company  
 atty. attorney  
 Aug. August  
 AUS Army of the United States  
 aux. auxiliary  
 Ave. Avenue  
 AVMA American Veterinary Medical Association  
 AZ Arizona  
  
 B. Bachelor  
 b. born  
 BA, B.A. Bachelor of Arts  
 BAg, B.Agr. Bachelor of Agriculture  
 Balt. Baltimore  
 Bapt. Baptist  
 BArch, B.Arch. Bachelor of Architecture  
 BAS, B.A.S. Bachelor of Agricultural Science  
 BBA, B.B.A. Bachelor of Business Administration  
 BBC British Broadcasting Corporation  
 BC, B.C. British Columbia  
 BCE, B.C.E. Bachelor of Civil Engineering  
 BChir, B.Chir. Bachelor of Surgery  
 BCL, B.C.L. Bachelor of Civil Law  
 BCS, B.C.S. Bachelor of Commercial Science  
 BD, B.D. Bachelor of Divinity  
 bd. board  
 BE, B.E. Bachelor of Education  
 BEE, B.E.E. Bachelor of Electrical Engineering  
 BFA, B.F.A. Bachelor of Fine Arts  
 bibl. biblical  
 bibliog. bibliographical  
 biog. biographical  
 biol. biological  
 BJ, B.J. Bachelor of Journalism  
 Bklyn. Brooklyn  
 BL, B.L. Bachelor of Letters  
 bldg. building  
 BLS, B.L.S. Bachelor of Library Science  
 Blvd. Boulevard  
 bn. battalion  
 B.& O.R.R. Baltimore & Ohio Railroad  
 bot. botanical  
 BPE, B.P.E. Bachelor of Physical Education  
 BPhil, B.Phil. Bachelor of Philosophy  
 br. branch  
 BRE, B.R.E. Bachelor of Religious Education  
 brig. gen. brigadier general  
 Brit. British, Britannica

**Bros.** Brothers  
**BS, B.S.** Bachelor of Science  
**BSA, B.S.A.** Bachelor of Agricultural Science  
**BSD, B.S.D.** Bachelor of Didactic Science  
**BST, B.S.T.** Bachelor of Sacred Theology  
**BTh, B.Th.** Bachelor of Theology  
**bull.** bulletin  
**bur.** bureau  
**bus.** business  
**B.W.I.** British West Indies

**CA** California  
**CAA** Civil Aeronautics Administration  
**CAB** Civil Aeronautics Board  
**Calif.** California  
**C.Am.** Central America  
**Can.** Canada, Canadian  
**CAP** Civil Air Patrol  
**capt.** captain  
**CARE** Cooperative American Relief Everywhere  
**Cath.** Catholic  
**cav.** cavalry  
**CBC** Canadian Broadcasting Company  
**CBI** China, Burma, India Theatre of Operations  
**CBS** Columbia Broadcasting Company  
**CCC** Commodity Credit Corporation  
**CCNY** City College of New York  
**CCU** Cardiac Care Unit  
**CD** Civil Defense  
**CE, C.E.** Corps of Engineers, Civil Engineer  
**cen.** central  
**CENTO** Central Treaty Organization  
**CERN** European Organization of Nuclear Research  
**cert.** certificate, certification, certified  
**CETA** Comprehensive Employment Training Act  
**CFL** Canadian Football League  
**ch.** church  
**ChD, Ch.D.** Doctor of Chemistry  
**chem.** chemical  
**ChemE, Chem.E.** Chemical Engineer  
**Chgo.** Chicago  
**chirurg.** surgical  
**chmn.** chairman  
**chpt.** chapter  
**CIA** Central Intelligence Agency  
**CIC** Counter Intelligence Corps  
**Cin.** Cincinnati  
**cir.** circuit  
**Cleve.** Cleveland  
**climatol.** climatological  
**clin.** clinical  
**clk.** clerk  
**C.L.U.** Chartered Life Underwriter  
**CM, C.M.** Master in Surgery  
**CM** Northern Mariana Islands

**C.&N.W.Ry.** Chicago & North Western Railway  
**CO** Colorado  
**Co.** Company  
**COF** Catholic Order of Foresters  
**C. of C.** Chamber of Commerce  
**col.** colonel  
**coll.** college  
**Colo.** Colorado  
**com.** committee  
**comd.** commanded  
**comdg.** commanding  
**comdr.** commander  
**comdt.** commandant  
**commd.** commissioned  
**comml.** commercial  
**commn.** commission  
**commr.** commissioner  
**condr.** conductor  
**Conf.** Conference  
**Congl.** Congregational, Congressional  
**Conglist.** Congregationalist  
**Conn.** Connecticut  
**cons.** consultant, consulting  
**consol.** consolidated  
**constl.** constitutional  
**constn.** constitution  
**constrn.** construction  
**contbd.** contributed  
**contbg.** contributing  
**contbn.** contribution  
**contbr.** contributor  
**Conv.** Convention  
**coop.** cooperative  
**CORDS** Civil Operations and Revolutionary Development Support  
**CORE** Congress of Racial Equality  
**corp.** corporation, corporate  
**corr.** correspondent, corresponding, correspondence  
**C.&O.Ry.** Chesapeake & Ohio Railway  
**C.P.A.** Certified Public Accountant  
**C.P.C.U.** Chartered Property and Casualty Underwriter  
**CPH, C.P.H.** Certificate of Public Health  
**cpl.** corporal  
**C.P.R.** Cardio-Pulmonary Resuscitation  
**C.P.Ry.** Canadian Pacific Railway  
**C.S.** Christian Science  
**CSB, C.S.B.** Bachelor of Christian Science  
**C.S.C.** Civil Service Commission  
**CT** Connecticut  
**ct.** court  
**ctr.** center  
**CWS** Chemical Warfare Service  
**C.Z.** Canal Zone

**D.** Doctor  
**d.** daughter  
**DAgr, D.Agr.** Doctor of Agriculture  
**DAR** Daughters of the American Revolution  
**dau.** daughter

**DAV** Disabled American Veterans  
**DC, D.C.** District of Columbia  
**DCL, D.C.L.** Doctor of Civil Law  
**DCS, D.C.S.** Doctor of Commercial Science  
**DD, D.D.** Doctor of Divinity  
**DDS, D.D.S.** Doctor of Dental Surgery  
**DE** Delaware  
**Dec.** December  
**dec.** deceased  
**def.** defense  
**Del.** Delaware  
**del.** delegate, delegation  
**Dem.** Democrat, Democratic  
**DEng, D.Eng.** Doctor of Engineering  
**denom.** denomination, denominational  
**dep.** deputy  
**dept.** department  
**dermatol.** dermatological  
**desc.** descendant  
**devel.** development, developmental  
**DFA, D.F.A.** Doctor of Fine Arts  
**D.F.C.** Distinguished Flying Cross  
**DHL, D.H.L.** Doctor of Hebrew Literature  
**dir.** director  
**dist.** district  
**distbg.** distributing  
**distbn.** distribution  
**distbr.** distributor  
**disting.** distinguished  
**div.** division, divinity, divorce  
**DLitt, D.Litt.** Doctor of Literature  
**DMD, D.M.D.** Doctor of Medical Dentistry  
**DMS, D.M.S.** Doctor of Medical Science  
**DO, D.O.** Doctor of Osteopathy  
**DPH, D.P.H.** Diploma in Public Health  
**DPhil, D.Phil.** Doctor of Philosophy  
**D.R.** Daughters of the Revolution  
**Dr.** Drive, Doctor  
**DRE, D.R.E.** Doctor of Religious Education  
**DrPH, Dr.P.H.** Doctor of Public Health, Doctor of Public Hygiene  
**D.S.C.** Distinguished Service Cross  
**DSc, D.Sc.** Doctor of Science  
**D.S.M.** Distinguished Service Medal  
**DST, D.S.T.** Doctor of Sacred Theology  
**DTM, D.T.M.** Doctor of Tropical Medicine  
**DVM, D.V.M.** Doctor of Veterinary Medicine  
**DVS, D.V.S.** Doctor of Veterinary Surgery

**E.** East  
**ea.** eastern  
**E. and P.** Extraordinary and Plenipotentiary  
**Eccles.** Ecclesiastical  
**ecol.** ecological  
**econ.** economical  
**ECOSOC** Economic and Social Council (of the UN)  
**ED, E.D.** Doctor of Engineering  
**ed.** educated

**EdB, Ed.B.** Bachelor of Education  
**EdD, Ed.D.** Doctor of Education  
**edit.** edition  
**EdM, Ed.M.** Master of Education  
**edn.** education  
**ednl.** educational  
**EDP** Electronic Data Processing  
**EdS, Ed.S.** Specialist in Education  
**EE, E.E.** Electrical Engineer  
**E.E. and M.P.** Envoy Extraordinary and Minister Plenipotentiary  
**EEC** European Economic Community  
**EEG** Electroencephalogram  
**EEO** Equal Employment Opportunity  
**EEOC** Equal Employment Opportunity Commission  
**E.Ger.** German Democratic Republic  
**EKG** Electrocardiogram  
**elec.** electrical  
**electrochem.** electrochemical  
**electrophys.** electrophysical  
**elem.** elementary  
**EM, E.M.** Engineer of Mines  
**ency.** encyclopedia  
**Eng.** England  
**engr.** engineer  
**engring.** engineering  
**entomol.** entomological  
**environ.** environmental  
**EPA** Environmental Protection Agency  
**epidemiol.** epidemiological  
**Episc.** Episcopalian  
**ERA** Equal Rights Amendment  
**ERDA** Energy Research and Development Administration  
**ESEA** Elementary and Secondary Education Act  
**ESL** English as Second Language  
**ESSA** Environmental Science Services Administration  
**ethnol.** ethnological  
**exec.** executive  
**exhbn.** exhibition  
**expdn.** expedition  
**expn.** exposition  
**expt.** experiment  
**exptl.** experimental  
  
**F.A.** Field Artillery  
**FAA** Federal Aviation Administration  
**FAO** Food and Agriculture Organization (of the UN)  
**FBI** Federal Bureau of Investigation  
**FCA** Farm Credit Administration  
**FCC** Federal Communications Commission  
**FCDA** Federal Civil Defense Administration  
**FDA** Food and Drug Administration  
**FDIA** Federal Deposit Insurance Administration  
**FDIC** Federal Deposit Insurance Corporation

**FE, F.E.** Forest Engineer  
**FEA** Federal Energy Administration  
**Feb.** February  
**fed.** federal  
**fedn.** federation  
**FERC** Federal Energy Regulatory Commission  
**fgn.** foreign  
**FHA** Federal Housing Administration  
**fin.** financial, finance  
**FL** Florida  
**Fla.** Florida  
**FMC** Federal Maritime Commission  
**FOA** Foreign Operations Administration  
**found.** foundation  
**FPC** Federal Power Commission  
**FPO** Fleet Post Office  
**frat.** fraternity  
**FRS** Federal Reserve System  
**FSA** Federal Security Agency  
**Ft.** Fort  
**FTC** Federal Trade Commission  
  
**G-1 (or other number)** Division of General Staff  
**GA, Ga.** Georgia  
**GAO** General Accounting Office  
**gastroent.** gastroenterological  
**GATT** General Agreement of Tariff and Trades  
**gen.** general  
**geneal.** genealogical  
**geod.** geodetic  
**geog.** geographic, geographical  
**geol.** geological  
**geophys.** geophysical  
**gerontol.** gerontological  
**G.H.Q.** General Headquarters  
**G.N.Ry.** Great Northern Railway  
**gov.** governor  
**govt.** government  
**govtl.** governmental  
**GPO** Government Printing Office  
**grad.** graduate, graduated  
**GSA** General Services Administration  
**Gt.** Great  
**GU** Guam  
**gynecol.** gynecological  
  
**hdqrs.** headquarters  
**HEW** Department of Health, Education and Welfare  
**HHd, H.H.D.** Doctor of Humanities  
**HHFA** Housing and Home Finance Agency  
**HHS** Department of Health and Human Services  
**HI** Hawaii  
**hist.** historical, historic  
**HM, H.M.** Master of Humanities  
**homeo.** homeopathic  
**hon.** honorary, honorable

**Ho. of Dels.** House of Delegates  
**Ho. of Reps.** House of Representatives  
**hort.** horticultural  
**hosp.** hospital  
**HUD** Department of Housing and Urban Development  
**Hwy.** Highway  
**hydrog.** hydrographic  
  
**IA** Iowa  
**IAEA** International Atomic Energy Agency  
**IBM** International Business Machines Corporation  
**IBRD** International Bank for Reconstruction and Development  
**ICA** International Cooperation Administration  
**ICC** Interstate Commerce Commission  
**ICU** Intensive Care Unit  
**ID** Idaho  
**IEEE** Institute of Electrical and Electronics Engineers  
**IFC** International Finance Corporation  
**IGY** International Geophysical Year  
**IL** Illinois  
**Ill.** Illinois  
**illus.** illustrated  
**ILO** International Labor Organization  
**IMF** International Monetary Fund  
**IN** Indiana  
**Inc.** Incorporated  
**Ind.** Indiana  
**ind.** independent  
**Indpls.** Indianapolis  
**indsl.** industrial  
**inf.** infantry  
**info.** information  
**ins.** insurance  
**insp.** inspector  
**insp. gen.** inspector general  
**inst.** institute  
**instl.** institutional  
**instn.** institution  
**instr.** instructor  
**instrn.** instruction  
**internat.** international  
**intro.** introduction  
**IRE** Institute of Radio Engineers  
**IRS** Internal Revenue Service  
**ITT** International Telephone & Telegraph Corporation  
  
**JAG** Judge Advocate General  
**JAGC** Judge Advocate General Corps  
**Jan.** January  
**Jaycees** Junior Chamber of Commerce  
**JB, J.B.** Jurum Baccalaureus  
**JCB, J.C.B.** Juris Canonici Baccalaureus  
**JCD, J.C.D.** Juris Canonici Doctor, Juris Civilis Doctor  
**JCL, J.C.L.** Juris Canonici Licentiatius

**JD, J.D.** Juris Doctor  
**jg.** junior grade  
**jour.** journal  
**jr.** junior  
**JSD, J.S.D.** Juris Scientiae Doctor  
**JUD, J.U.D.** Juris Utriusque Doctor  
**jud.** judicial  
  
**Kans.** Kansas  
**K.C.** Knights of Columbus  
**K.P.** Knights of Pythias  
**KS** Kansas  
**K.T.** Knight Templar  
**KY, Ky.** Kentucky  
  
**LA, La.** Louisiana  
**lab.** laboratory  
**lang.** language  
**laryngol.** laryngological  
**LB** Labrador  
**lectr.** lecturer  
**legls.** legislation, legislative  
**LHD, L.H.D.** Doctor of Humane Letters  
**L.I.** Long Island  
**lic.** licensed, license  
**L.I.R.R.** Long Island Railroad  
**lit.** literature  
**LittB, Litt.B.** Bachelor of Letters  
**LittD, Litt.D.** Doctor of Letters  
**LLB, LL.B.** Bachelor of Laws  
**LLD, L.L.D.** Doctor of Laws  
**LLM, L.L.M.** Master of Laws  
**Ln.** Lane  
**L.&N.R.R.** Louisville & Nashville Railroad  
**LS, L.S.** Library Science (in degree)  
**lt.** lieutenant  
**Ltd.** Limited  
**Luth.** Lutheran  
**LWV** League of Women Voters  
  
**M.** Master  
**m.** married  
**MA, M.A.** Master of Arts  
**MA** Massachusetts  
**mag.** magazine  
**MAgr, M.Agr.** Master of Agriculture  
**maj.** major  
**Man.** Manitoba  
**Mar.** March  
**MArch, M.Arch.** Master in Architecture  
**Mass.** Massachusetts  
**math.** mathematics, mathematical  
**MATS** Military Air Transport Service  
**MB, M.B.** Bachelor of Medicine  
**MB** Manitoba  
**MBA, M.B.A.** Master of Business Administration  
**MBS** Mutual Broadcasting System  
**M.C.** Medical Corps  
**MCE, M.C.E.** Master of Civil Engineering  
**mcht.** merchant  
**mcpl.** municipal

**MCS, M.C.S.** Master of Commercial Science  
**MD, M.D.** Doctor of Medicine  
**MD, Md.** Maryland  
**MDip, M.Dip.** Master in Diplomacy  
**mdse.** merchandise  
**MDV, M.D.V.** Doctor of Veterinary Medicine  
**ME, M.E.** Mechanical Engineer  
  
**ME** Maine  
**M.E.Ch.** Methodist Episcopal Church  
**mech.** mechanical  
**MEd., M.Ed.** Master of Education  
**med.** medical  
**MEE, M.E.E.** Master of Electrical Engineering  
**mem.** member  
**meml.** memorial  
**merc.** mercantile  
**met.** metropolitan  
**metall.** metallurgical  
**MetE, Met.E.** Metallurgical Engineer  
**meteorol.** meteorological  
**Meth.** Methodist  
**Mex.** Mexico  
**MF, M.F.** Master of Forestry  
**MFA, M.F.A.** Master of Fine Arts  
**mfg.** manufacturing  
**mfr.** manufacturer  
**mgmt.** management  
**mgr.** manager  
**MHA, M.H.A.** Master of Hospital Administration  
**M.I.** Military Intelligence  
**MI** Michigan  
**Mich.** Michigan  
**micros.** microscopic, microscopical  
**mid.** middle  
**mil.** military  
**Milw.** Milwaukee  
**mineral.** mineralogical  
**Minn.** Minnesota  
**Miss.** Mississippi  
**MIT** Massachusetts Institute of Technology  
**mktg.** marketing  
**ML, M.L.** Master of Laws  
**MLA** Modern Language Association  
**M.L.D.** Magister Legnum Diplomatic  
**MLitt, M.Litt.** Master of Literature  
**MLS, M.L.S.** Master of Library Science  
**MME, M.M.E.** Master of Mechanical Engineering  
**MN** Minnesota  
**mng.** managing  
**MO, Mo.** Missouri  
**moblzn.** mobilization  
**Mont.** Montana  
**M.P.** Member of Parliament  
**MPE, M.P.E.** Master of Physical Education  
**MPH, M.P.H.** Master of Public Health  
**MPhil, M.Phil.** Master of Philosophy

**MPL, M.P.L.** Master of Patent Law  
**Mpls.** Minneapolis  
**MRE, M.R.E.** Master of Religious Education  
**MS, M.S.** Master of Science  
**MS, Ms.** Mississippi  
**MSc, M.Sc.** Master of Science  
**MSF, M.S.F.** Master of Science of Forestry  
**MST, M.S.T.** Master of Sacred Theology  
**MSW, M.S.W.** Master of Social Work  
**MT** Montana  
**Mt.** Mount  
**MTO** Mediterranean Theatre of Operations  
**mus.** museum, musical  
**MusB, Mus.B.** Bachelor of Music  
**MusD, Mus.D.** Doctor of Music  
**MusM, Mus.M.** Master of Music  
**mut.** mutual  
**mycol.** mycological  
  
**N.** North  
**NAACP** National Association for the Advancement of Colored People  
**NACA** National Advisory Committee for Aeronautics  
**NAD** National Academy of Design  
**N.Am.** North America  
**NAM** National Association of Manufacturers  
**NAPA** National Association of Performing Artists  
**NAREB** National Association of Real Estate Boards  
**NARS** National Archives and Record Service  
**NASA** National Aeronautics and Space Administration  
**nat.** national  
**NATO** North Atlantic Treaty Organization  
**NATOUA** North African Theatre of Operations  
**nav.** navigation  
**NB, N.B.** New Brunswick  
**NBC** National Broadcasting Company  
**NC, N.C.** North Carolina  
**NCCJ** National Conference of Christians and Jews  
**ND, N.D.** North Dakota  
**NDEA** National Defense Education Act  
**NE** Nebraska  
**NE** Northeast  
**NEA** National Education Association  
**Nebr.** Nebraska  
**NEH** National Endowment for Humanities  
**neurol.** neurological  
**Nev.** Nevada  
**NF** Newfoundland  
**NFL** National Football League  
**Nfld.** Newfoundland  
**NG** National Guard  
**NH, N.H.** New Hampshire



**NHL** National Hockey League  
**NIH** National Institutes of Health  
**NIMH** National Institute of Mental Health  
**NJ, N.J.** New Jersey  
**NLRB** National Labor Relations Board  
**NM** New Mexico  
**N.Mex.** New Mexico  
**No.** Northern  
**NOAA** National Oceanographic and Atmospheric Administration  
**NORAD** North America Air Defense  
**Nov.** November  
**NOW** National Organization for Women  
**N.P.Ry.** Northern Pacific Railway  
**nr.** near  
**NRC** National Research Council  
**NS, N.S.** Nova Scotia  
**NSC** National Security Council  
**NSF** National Science Foundation  
**N.T.** New Testament  
**NT** Northwest Territories  
**numls.** numismatic  
**NV** Nevada  
**NW** Northwest  
**N.W.T.** Northwest Territories  
**NY, N.Y.** New York  
**N.Y.C.** New York City  
**NYU** New York University  
**N.Z.** New Zealand  
  
**OAS** Organization of American States  
**ob-gyn** obstetrics-gynecology  
**obs.** observatory  
**obstet.** obstetrical  
**Oct.** October  
**OD, O.D.** Doctor of Optometry  
**OECD** Organization of European Cooperation and Development  
**OEEC** Organization of European Economic Cooperation  
**OEO** Office of Economic Opportunity  
**ofcl.** official  
**OH** Ohio  
**OK** Oklahoma  
**Okla.** Oklahoma  
**ON** Ontario  
**Ont.** Ontario  
**ophthal.** ophthalmological  
**ops.** operations  
**OR** Oregon  
**orch.** orchestra  
**Oreg.** Oregon  
**orgn.** organization  
**ornithol.** ornithological  
**OSHA** Occupational Safety and Health Administration  
**OSRD** Office of Scientific Research and Development  
**OSS** Office of Strategic Services  
**osteo.** osteopathic  
**otol.** otological  
**otolaryn.** otolaryngological

**PA, Pa.** Pennsylvania  
**P.A.** Professional Association  
**paleontol.** paleontological  
**path.** pathological  
**P.C.** Professional Corporation  
**PE** Prince Edward Island  
**P.E.I.** Prince Edward Island  
**PEN** Poets, Playwrights, Editors, Essayists and Novelists (international association)  
**penol.** penological  
**P.E.O.** women's organization (full name not disclosed)  
**pfc.** private first class  
**PHA** Public Housing Administration  
**pharm.** pharmaceutical  
**PharmD, Pharm.D.** Doctor of Pharmacy  
**PharmM, Pharm.M.** Master of Pharmacy  
**PhB, Ph.B.** Bachelor of Philosophy  
**PhD, Ph.D.** Doctor of Philosophy  
**PhM, Ph.M.** Master of Philosophy  
**Phila.** Philadelphia  
**philharm.** philharmonic  
**philol.** philological  
**philos.** philosophical  
**photog.** photographic  
**phys.** physical  
**physiol.** physiological  
**Pitts.** Pittsburgh  
**Pkwy.** Parkway  
**Pl.** Place  
**P.&L.E.R.R.** Pittsburgh & Lake Erie Railroad  
**P.O.** Post Office  
**PO Box** Post Office Box  
**polit.** political  
**poly.** polytechnic, polytechnical  
**PQ** Province of Quebec  
**PR, P.R.** Puerto Rico  
**prep.** preparatory  
**pres.** president  
**Presbyn.** Presbyterian  
**presdl.** presidential  
**prin.** principal  
**proc.** proceedings  
**prod.** produced (play production)  
**prodn.** production  
**prof.** professor  
**profl.** professional  
**prog.** progressive  
**propr.** proprietor  
**pros. atty.** prosecuting attorney  
**pro tem** pro tempore  
**PSRO** Professional Services Review Organization  
**psychiat.** psychiatric  
**psychol.** psychological  
**PTA** Parent-Teachers Association  
**ptnr.** partner  
**PTO** Pacific Theatre of Operations, Parent Teacher Organization  
**pub.** publisher, publishing, published

**pub.** public  
**publ.** publication  
**pvt.** private  
  
**quar.** quarterly  
**qm.** quartermaster  
**Q.M.C.** Quartermaster Corps  
**Que.** Quebec  
  
**radiol.** radiological  
**RAF** Royal Air Force  
**RCA** Radio Corporation of America  
**RCAF** Royal Canadian Air Force  
**RD** Rural Delivery  
**Rd.** Road  
**REA** Rural Electrification Administration  
**rec.** recording  
**ref.** reformed  
**regt.** regiment  
**regtl.** regimental  
**rehab.** rehabilitation  
**Rep.** Republican  
**rep.** representative  
**Res.** Reserve  
**ret.** retired  
**rev.** review, revised  
**RFC** Reconstruction Finance Corporation  
**RFD** Rural Free Delivery  
**rhinol.** rhinological  
**RI, R.I.** Rhode Island  
**RN, R.N.** Registered Nurse  
**roentgenol.** roentgenological  
**ROTC** Reserve Officers Training Corps  
**R.R.** Railroad  
**Ry.** Railway  
  
**S.** South  
**s. son**  
**SAC** Strategic Air Command  
**SALT** Strategic Arms Limitation Talks  
**S.Am.** South America  
**san.** sanitary  
**SAR** Sons of the American Revolution  
**Sask.** Saskatchewan  
**savs.** savings  
**SB, S.B.** Bachelor of Science  
**SBA** Small Business Administration  
**SC, S.C.** South Carolina  
**SCAP** Supreme Command Allies Pacific  
**ScB, Sc.B.** Bachelor of Science  
**SCD, S.C.D.** Doctor of Commercial Science  
**ScD, Sc.D.** Doctor of Science  
**sch.** school  
**sci.** science, scientific  
**SCLC** Southern Christian Leadership Conference  
**SCV** Sons of Confederate Veterans  
**SD, S.D.** South Dakota  
**SE** Southeast  
**SEATO** Southeast Asia Treaty Organization  
**SEC** Securities and Exchange Commission  
**sec.** secretary

sect. section  
 seismol. seismological  
 sem. seminary  
 Sept. September  
 s.g. senior grade  
 sgt. sergeant  
 SHAEF Supreme Headquarters Allied Expeditionary Forces  
 SHAPE Supreme Headquarters Allied Powers in Europe  
 S.I. Staten Island  
 S.J. Society of Jesus (Jesuit)  
 SJD Scientiae Juridicae Doctor  
 SK Saskatchewan  
 SM, S.M. Master of Science  
 So. Southern  
 soc. society  
 sociol. sociological  
 S.P. Co. Southern Pacific Company  
 spl. special  
 splty. specialty  
 Sq. Square  
 S.R. Sons of the Revolution  
 sr. senior  
 SS Steamship  
 SSS Selective Service System  
 St. Saint, Street  
 sta. station  
 stats. statistics  
 statis. statistical  
 STB, S.T.B. Bachelor of Sacred Theology  
 stblzn. stabilization  
 STD, S.T.D. Doctor of Sacred Theology  
 subs. subsidiary  
 SUNY State University of New York  
 supr. supervisor  
 supt. superintendent  
 surg. surgical  
 SW Southwest  
  
 TAPPI Technical Association of the Pulp and Paper Industry  
 Tb. Tuberculosis  
 tchr. teacher  
 tech. technical, technology  
 technol. technological  
 Tel. & Tel. Telephone & Telegraph  
 temp. temporary  
 Tenn. Tennessee  
 Ter. Territory  
 Terr. Terrace  
 Tex. Texas  
 ThD, Th.D. Doctor of Theology  
 theol. theological  
 ThM, Th.M. Master of Theology  
 TN Tennessee  
 tng. training  
 topog. topographical  
 trans. transaction, transferred  
 transl. translation, translated  
 transp. transportation

treas. treasurer  
 TT Trust Territory  
 TV television  
 TVA Tennessee Valley Authority  
 twp. township  
 TX Texas  
 typog. typographical  
  
 U. University  
 UAW United Auto Workers  
 UCLA University of California at Los Angeles  
 UDC United Daughters of the Confederacy  
 U.K. United Kingdom  
 UN United Nations  
 UNESCO United Nations Educational, Scientific and Cultural Organization  
 UNICEF United Nations International Children's Emergency Fund  
 univ. university  
 UNRRA United Nations Relief and Rehabilitation Administration  
 UPI United Press International  
 U.P.R.R. United Pacific Railroad  
 urol. urological  
 U.S. United States  
 U.S.A. United States of America  
 USAAF United States Army Air Force  
 USAF United States Air Force  
 USAFR United States Air Force Reserve  
 USAR United States Army Reserve  
 USCG United States Coast Guard  
 USCGR United States Coast Guard Reserve  
 USES United States Employment Service  
 USIA United States Information Agency  
 USMC United States Marine Corps  
 USMCR United States Marine Corps Reserve  
 USN United States Navy  
 USNG United States National Guard  
 USNR United States Naval Reserve  
 USO United Service Organizations  
 USPHS United States Public Health Service  
 USS United States Ship  
 USSR Union of the Soviet Socialist Republics  
 USV United States Volunteers  
 UT Utah  
  
 VA Veterans' Administration  
 VA, Va. Virginia  
 vet. veteran, veterinary  
 VFW Veterans of Foreign Wars  
 VI, V.I. Virgin Islands  
 vice pres. vice president  
 vis. visiting  
 VISTA Volunteers in Service to America  
 VITA Volunteers in Technical Service  
 vocat. vocational  
 vol. volunteer, volume

v.p. vice president  
 vs. versus  
 VT, Vt. Vermont  
  
 W. West  
 WA Washington (state)  
 WAC Women's Army Corps  
 Wash. Washington (state)  
 WAVES Women's Reserve, US Naval Reserve  
 WCTU Women's Christian Temperance Union  
 we. western  
 W. Ger. Germany, Federal Republic of  
 WHO World Health Organization  
 WI Wisconsin  
 W.I. West Indies  
 Wis. Wisconsin  
 WSB Wage Stabilization Board  
 WV West Virginia  
 W.Va. West Virginia  
 WY Wyoming  
 Wyo. Wyoming  
  
 YK Yukon Territory  
 YMCA Young Men's Christian Association  
 YMHA Young Men's Hebrew Association  
 YM & YWHA Young Men's and Young Women's Hebrew Association  
 yr. year  
 YT, Y.T. Yukon Territory  
 YWCA Young Women's Christian Association  
  
 zool. zoological

# Alphabetical Practices

Names are arranged alphabetically according to the surnames, and under identical surnames according to the first given name. If both surname and first given name are identical, names are arranged alphabetically according to the second given name. Where full names are identical, they are arranged in order of age—with the elder listed first.

Surnames beginning with De, Des, Du, however capitalized or spaced, are recorded with the prefix preceding the surname and arranged alphabetically under the letter D.

Surnames beginning with Mac and Mc are arranged alphabetically under M.

Surnames beginning with Saint or St. appear after names that begin Sains, and are arranged according to the second part of the name, e.g. St. Clair before Saint Dennis.

Surnames beginning with Van, Von or von are arranged alphabetically under letter V.

Compound hyphenated surnames are arranged according to the first member of the compound. Compound unhyphenated surnames are treated as hyphenated names.

Parentheses used in connection with a name indicate which part of the full name is usually deleted in common usage. Hence Abbott, W(illiam) Lewis indicates that the usual form of the given name is W. Lewis. In such a case, the parentheses are ignored in alphabetizing. However, if the name is recorded Abbott, (William) Lewis, signifying that the entire name William is not commonly used, the alphabetizing would be arranged as though the name were Abbott, Lewis.



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