

Glenn T. Seaborg

**SEABORG, Glenn Theodore;** Chairman, US Atomic Energy Commission, since 1961; Professor of Chemistry, Department of Chemistry, University of California, Berkeley, since 1945 (on leave of absence, 1961-); Member, Scientific Advisory Board, Robert A. Welch Foundation, Houston, Texas, since 1957; Chairman of Steering Committee, Chem. Education Material Study, US National Science Foundation, since 1959; Member: National Council on Marine Resources and Engineering Development, since 1966; Board of Directors National Educational Television and Radio Center since 1967 (and 1958-64); *b* 19 April 1912; *s* of Herman Theodore and Selma Erickson Seaborg; *m* 1942, Helen Lucille Griggs; four *s* two *d.* *Educ:* Univ. of California, Los Angeles (BA); Univ. of California, Berkeley (PhD). Res. Associate (with Prof. Gilbert N. Lewis), Coll. of Chem., Univ. of Calif, Berkeley, 1937-39; Instr. Dept of Chem., Univ. of Calif, 1939-41; Asst Prof. of Chem., Dept of Chem., Univ. of Calif, Berkeley, 1941-45; Research Chemist at Metallurg. Lab., Univ. of Chicago, 1942-46; Dir of Nuclear Chem. Research, Radiation Lab. of Univ. of Calif, Berkeley, 1946-58, Chancellor of the Univ., 1958-61; also Associate Dir, Lawrence Radiation Lab., 1954-61, and Mem. Bd of Dirs, Nuclear Science and Engrg Corp., Pittsburg, Pa, 1954-61. Member: Nat. Aeronautics and Space Council, 1961-; Federal Council for Science and Technology, 1961-; Nat. Sci. Planning Bd, Century 21 Exposition, Seattle (1961), 1958-61; President's Sci. Adv. Cttee, 1959-61; Nat. Sci. Bd of Nat. Sci. Foundn, 1960-61; Bd of Trustees, Educl Services Inc., Watertown, Mass, 1961-67; Nat. Cttee on America's Goals and Resources, Nat. Planning Assoc., Wash., DC, 1962-64; Adv. Coun. on Coll. Chem., Nat. Sci. Foundn, 1962-67; Mem. and Trustee, Pacific Sci. Center Foundn, Seattle, 1962-; Trustee, Amer.-Scandinavian Foundn, 1968-; Mem. Commn on Humanities, New York, 1962-65; Mem. Coun. on Educn of Teachers in Science (Nat. Sci. Teachers Assoc.), 1963-; Trustee, Sci. Service, 1965- (Pres. 1966-); Member: Nat. Adv. Bd, Dunsmuir House Educl and Res. Center, Oakland, Calif, 1965-; Coun. on Foreign Rel., NY, 1965-; Sci. Adv. Gp, Nat. Selective Service, Wash., DC, 1965-; Corp., Educn Develt Center, Newton, Mass, 1967-; Adv. Bd, Nova Univ., Fla, 1968-; Electoral Coll., Hall of Fame for Great Americans, NY Univ., 1969-; Bd of Governors, Internat. Platform Assoc., 1967- (Pres., 1968-69). US Deleegn to USSR: (Chm.) for signing of "Memorandum on Cooperation in the Field of Utilization of Atomic Energy

for Peaceful Purposes", May 1963; (Mem.) for signing of Limited Nuclear Test Ban Treaty, Aug. 1963; US Rep. to Third UN Internat. Conf. on Peaceful Uses of Atomic Energy, Geneva, 1964; US Rep., 5th-13th annual Gen. Confs of Internat. Atomic Energy Agency, 1961-69. Holds numerous hon. doctorates from univs and colls. Awards (1947-) include: Nobel Prize in Chemistry, 1951 (joint); Perkin Medal (Am. Sect. Soc. Chem. Ind.), 1957; USAEC Enrico Fermi Award, 1959; Franklin Medal (Franklin Inst. of Phila), 1963; Charles Lathrop Parsons Award (Am. Chem. Soc.), 1964; Chem. Pioneer Award (Am. Inst. of Chemists), 1968; Arches of Science Award (Pacific Science Center, Seattle), 1969. Co-discoverer of elements (1940-): 94, plutonium; nuclear energy source isotope Pu-239 and U-233; 95, americium; 96, curium; 97, berkelium; 98, californium; 99, einsteinium; 100, fermium; 101, mendelevium; 102, nobelium. *Publications:* The Chemistry of the Actinide Elements (jt), 1958; The Transuranium Elements, 1958 (Silliman Lectures); Elements of the Universe (jt), 1958; Man-made Transuranium Elements, 1963; Education and the Atom (jt), 1964; The Nuclear Properties of the Heavy Elements (jt), 1964; Oppenheimer, 1969; also, since 1936: numerous papers on nuclear chem. and nuclear physics, transuranium elements, high energy nuclear reactions and educn in: Physical Review, JI Am. Chem. Soc., Annual Review of Nuclear Science, etc. *Recreations:* golf, reading, hiking. *Address:* (business) US Atomic Energy Commission, Washington, DC 20545, USA; (home) 3825 Harrison Street, NW, Washington, DC 20015, USA. *Clubs:* Faculty (Univ. Calif, Berkeley); Commonwealth Club of California, Bohemian (San Francisco); Swedish (Los Angeles); Chemists (New York); Cosmos, University, Metropolitan, Chevy Chase (Washington).



Scrimgeour and Helen May Scrimgeour (*nee* Bird); *m* 1928, Winifred, *d* of late Stephen Ward Giles; one *s*. *Educ*: Loretto School; Clare College, Cambridge. Member of Stock Exchange, 1929-69. Auxiliary Air Force, 1938-45; Air staff, Air Ministry, 1942-45. Chm., Hume Holdings Ltd; Director: Carron Holdings Ltd; Metropolitan Estate and Property Corp. Ltd; City of London Bank Ltd; Mem. Council of White Ensign Assoc. *Address*: 22 Down Street, W1; Kilncopse Farm, Kirdford, Sussex. *Clubs*: Turf, City of London; Hawks (Cambridge); RAF Yacht.

**SCRIMSHAW, Frank Herbert**; Director-General, Electronics Research and Development, Ministry of Technology, since 1967; *b* 25 Dec. 1917; *s* of late John Leonard Scrimshaw (*nee* Sewell), Lincoln; *m* 1950, Joan Olive, *d* of Leslie Stephen Paskall, Felixstowe; one *s*. *Educ*: The City Sch., Lincoln; University Coll., Nottingham. BSc London. Joined Scientific Civil Service, 1939; various posts at RAE, Farnborough, and Blind Landing Experimental Unit, RAF Martlesham Heath, 1939-58; Dir of Scientific Research (Electronics), Min. of Aviation, 1959-61; RRE, Malvern: Head of Guided Weapons Group, 1961-65; Head of Mil. and Civil Systems Dept, 1965-67. *Address*: 81 Bullescroft Road, Edgware, Middlesex. *T*: 01-958 6741.

**SCRIVENER, Ronald Stratford**, CMG 1965; Ambassador to Panama, since 1969; *b* 29 Dec. 1919; *s* of Sir Patrick Scrivener, KCMG; *m* 1st, 1947, Elizabeth Drake-Brockman (marr. diss., 1952); 2nd, 1962, Mary Alice Olga Sofia Jane Hohler, *d* of late Squadron-Leader Robert Charlton Lane; two step-*s* two step-*d*. *Educ*: Westminster School; St Catharine's College, Cambridge. Served with Royal Air Force Volunteer Reserve, 1940-45. Appointed HM Diplomatic Service, Dec. 1945. Served in Berlin, Buenos Aires, Vienna, Caracas, Berne, Bangkok. *Recreations*: travel, fishing. *Address*: British Embassy, Panama City, Panama; 72 Bedford Gardens, W8. *T*: 01-727 9069. *Clubs*: White's, Travellers'.

**SCRIVENOR, Sir Thomas (Vaisey)**, Kt 1960; CMG 1956; Secretary to the Executive Council of the Commonwealth Agricultural Bureaux, since 1961; *b* 28 Aug. 1908; *e s* of late John Brooke Scrivenor, ISO, formerly Dir of Geological Survey, Malaya; *m* 1934, Mary

*Scrimgeour, Camden Town* (under Donald Wolfitt), and again at Birmingham where he became Director of Productions, 1950. Later Productions include: Figaro and Fidelio, Sadler's Wells; Shaw's Caesar and Cleopatra at Birmingham Rep. Theatre, 1956 (later presented at Théâtre Sarah Bernhardt, Paris, and Old Vic). Season 1957: The Tempest, at Univ. of BC, Vancouver; King John, Stratford-on-Avon; Richard III, Old Vic; Trilogy of Henry VI, Old Vic; Season 1958: The World of the Wonderful Dark, for first Vancouver Festival; King Lear, Old Vic; Much Ado about Nothing, Stratford-on-Avon. *Old Vic productions as Associate Director*, 1958: Julius Caesar; Macbeth; 1959: Molière's Tartuffe; Pinero's The Magistrate; Dryden-Davenant-Purcell version of Shakespeare's The Tempest; St Joan; She Stoops to Conquer, 1960, Landscape with Figures, by Cecil Beaton, Dublin Festival, 1960: King John, Festival Theatre, Stratford, Ontario, 1960; Director of tours in Russia and Poland for Old Vic Theatre Co., 1961: prod. The Importance of Being Earnest, New York, 1962; The Comedy of Errors, Henry V, Stratford, Connecticut, 1963; Regent's Prof., Univ. of Calif. at Santa Barbara, Jan.-June 1965; Artistic Director, Center Stage, Baltimore, Maryland, USA, 1965-. Has also produced for TV. *Recreation*: riding. *Address*: c/o William Morris, Inc., 1974 Broadway, New York, NY, USA.

**SEALE, Sir John Henry**, 5th Bt, *cr* 1838; ARIBA; *b* 3 March 1921; *s* of 4th Bt; *S* father, 1964; *m* 1953, Ray Josephine, *d* of Robert Gordon Charters, MC, Christchurch, New Zealand; one *s* one *d*. *Educ*: Eton; Christ Church, Oxford. Served War of 1939-45; Royal