



E000548

<u>SOURCE & NAME</u>	<u>RECOMMENDED SELECTION</u>	<u>PAHL APPROVAL</u>
H. <u>AMERICAN ACADEMY OF ORTHOPEDIC SURGEONS</u>		
DONALDSON, WILLIAM F.	MEMBER	
HOAGLUND, FRANKLIN T.		
LARSON, CARROLL B.	MEMBER	
MANKIN, HENRY J.		
MURRAY, DAVID G.		
MURRAY, WILLIAM R.		
SLEDGE, CLEMENT B.		
WILSON, PHILIP D.		

Radcliffe Col. 59-61, Ph.D. Biol. 62. Fel. Univ. Ala. echnol. 66-68; ASST. PROF. MICROBIOL. & PH. MED. 68- AAAS; Am. Soc. Microbiol. Address: Dept. of Linda University, Loma Linda, CA 92354.

Saigon, Viet Nam. PHYSICS. B.S. Syracuse Univ. 61; chnol. 63, Ph.D.(physics). 65. Res. asst. PHYSICS. 63-65; Nat. Res. Coun. Can. fel. & res. assoc. McGillrof, LAVAL UNIV. 66-69. ASSOC. PROF. 69- Am. Physicists. Structure of the atomic nucleus and nu- y. Address: Dept. of Physics, Laval University, Que.

DAMON, b. Swarthmore, Pa. July 24, 13; m. 18; c. 4. Y. BIOLOGY. B.S. Delaware, 37; M.S. Maryland, 38.) 42. Asst. agronomist & plant breeder, exp. sta. str. div. plant pathologist & geneticist, Campbell Soup Co, mgr. agr. res. 37-68, Joseph Campbell Co. 68-70. MONTCLAIR STATE COL. 71- U.S.M.C.B. 42-45, 1st agriculture, ecology. Address: Dept. of Ecology, Mont- Upper Montclair, NJ 07043.

WARNER, b. Roxbury, Mass. Dec. 25, 34; m. 59; c. 1. ENGINEERING. A.B. Harvard, 57. S.B. M.S. Wis- ct, civil eng. 67. Sanit. engr. U.S. Pub. Health Serv. , water qual. sect. 61-62, in charge data utilization (ie biologist, Nat. Water Qual. Lab. U.S. Dept. Interior. F. ENVIRON. SCI. & ENG. SCH. CIVIL ENG. & SCH. CHNOL. 68- Fel. environ. sci. & eng. Harvard, 68-67. t. Comdr. AAAS; Am. Soc. Limnol. & Oceanog. N.Y. Microbiol; Water Pollution Control Fedn. Int. Assn. mol. Aquatic microbiology; microbial ecology; bacte- olution on the biology of natural surface waters; eche- ent; behavior of pathogenic bacteria and viruses in nat- . Address: 1442 N. Decatur Rd. N.E. Atlanta, GA 30306.

BRUCE, b. Winchester, Mass. June 2, 39; m. 51; c. 3. TATISTICS. B.S. N.C. State Univ. 62; M.A. Univ. Calif. (statist), 66. Asst. prof. STATIST. Univ. Calif. Berke- ch. staff, BELL LABS, 66-70. SUPVR. OPERS. ANAL. ist; Am. Statist. Assn; Inst. Mgt. Sci. Bayesian statis- ol systems. Address: Room 2D-423, Bell Labs, Holm-

BURNHAM, b. Swarthmore, Pa. June 24, 09, m. 34; ENGINEERING. B.Sc. Swarthmore Col. 30; M.Sc. , D.Sc. 37. Asst. ELEC. ENG. Mass. Inst. Tech. 30-31, rof, Polytech. Inst. Brookline, 40-45, assoc. prof. 45-43; UNIV. 43- HEAD DEPT. 54- Civilian with Def. Sci. Am. Soc. Eng. Educ; fel. Inst. Elec. & Electronics as Instrumentation & Measurement. Electronic mea- surements and control devices. Address: Dept. of Ing, North Carolina State University, Raleigh, NC 27607.

BRUCE, b. Waterbury, Conn. July 24, 33; m. 57; c. 2. TECHNOLOGY. B.S. Connecticut, 55; M.F. Yale, 57. vtr. & res. technician wood tech. Yale, 57-61. Asst. prof. , UNIV. MASS. AMHERST, 62-71. ASSOC. PROF. 71- oc; Soc. Wood Sci. & Technol; Soc. Am. Foresters. near cutting; fundamental properties of wood. Address: ce & Technology, University of Massachusetts, Amherst,

LEN), b. Ann Arbor, Mich. Jan. 23, 21; m. 49; c. 2. Brown, 42; Ph.D.(astron), Harvard, 51. Physicist, U.S. 44; ASTRONOMER, U.S. Naval Observ., 50-55; WITT V, 65- U.S.N., 44-46. AAAS; Am. Astron. Soc. Int. Royal Astron. Soc. Photoelectric and photographic prob- ; astronomical sites and instruments. Address: Kitt vatory, P.O. Box 4130, Tucson, AZ 85717.

WARD), b. Waverly, N.Y. Nov. 15, 04; m. 30; c. 4. em, Cornell, 27, Heckscher fel. 28. Ph.D.(orgnol chem). tm. Can Co, Maywood, 30-33, group supvr. 31-42, sect. dir, 52-55, Barrington, 55-58, sr. res. assoc. 59-70. sm. Soc; Am. Ceramic Soc; Am. Soc. Brewing Chem.; petroleum waxes; determination of germanium in solu- tion of iron from gallium; fluorescence test for trace identification of fluorine; manufacture and use of the rupture of paraffin wax. Address: P.O. Box 411, High-

ORGE), b. Roosevelt, N.Y. Nov. 8, 19; m. 45; c. 6. VET- E. D.V.M. Cornell, 44; M.P.H. Harvard, 57. Asst. vet. , 44-46; vet. practitioner, N.Y., 45-48; field vet. Cornell, path, Va. Polytech, 53-56; staff scientist, Jackson Lab. 56-63, asst. dir. & sr. staff scientist, 63-67. PROF. ANIMAL RESOURCES, MICH. STATE UNIV. 67- H.S.R. 55-, Vet. AAAS; Am. Soc. Exp. Path. Am. Soc. Med. Asn; Am. Pub. Health Asn; Am. Asn. Lab. Animal kers Animal Diseases; N.Y. Acad. Sci. fel. Rural Soc. gy; immunology; diseases of laboratory animals; com- Address: Center for Laboratory Animal Resources, ersity, East Lansing, MI 48824.

(UDOLPH), b. Fairfield, Iowa, Aug. 12, 34; m. 57; c. 1. NETICS. B.S. Parsons Col. 57; M.S. Iowa State, 59. tes. entomologist, bee mgt. invests. U.S. Dept. Agr. 54- Parsons Col. 65-68; ASSOC. PROF. BIOL. SAM HOUS- 68- Med.C. U.S.A., 57-59. Entom. Soc. Am; Am. Cel- Soc. Am. Genetics of disease resistance in Drosophila; tissue culture; ultrastructure; gonad. spermatozoa. Address: Dept. of Biology, Sam Houston State University, o.

EOAGLAND, ALAN D. b. Winnetka, Ill, Mar. 25, 11; m. 39; c. 3. GEOLOGY. B.Sc. Northwest Univ. 37, M.A. 35. Chief geologist, N.J. ZINC CO, 41-70, MGR. EAST. EXPLOR. 70- Gen. Soc. Am; Soc. Econ. Geol. Metal and industrial mineral exploration. Address: 2602 Loyd St, Murfreesboro, TN 37130.

EOAGLAND, ALBERT (SMILEY), b. Berkeley, Calif, Sept. 13, 26; m. 50; c. 3. ELECTRICAL ENGINEERING. B.S. California, 47, M.S. 48, Ph.D. elec. eng. 54. Res. engr, elec. eng. California, 47-49, asst. 50-52, instr, 52-54, asst. prof. 54-55; mgr, magnetic record tech, res. lab, Int. Bus. Mach. Corp. Calif, 56-58, adv. memory develop. 58-59, eng. sci, 59-61, systs. mgr, adv. systs. div, 61-62, sr. tech. consult, World Trade Corp, 62- 64, mgr. eng. sci, RES. CTR. YORKTOWN HEIGHTS, 64-68, DIR. TECH. PLANNING, IBM CORP, 68-, consult, 54-58. Consult, State of Calif, 56; chmn. joint computer conf. comt. Am. Fedn. Info. Processing Soc, 69- U.S.N.R. 44-45, Lt.(jg). Fel. Inst. Elec. & Electronics Eng. Digital com- puters, especially memory exploiting magnetic recording for storage; mag- netic recording theory; memory and storage for data processing systems; technology and design. Address: Research Center, IBM Corp, P.O. Box 216, Yorktown Heights, NY 10598.

EOAGLAND, HUDSON, b. Rockaway, N.J., Dec. 5, 09; m. 20; c. 4. PHYSIOL- OGY. A.B. Columbia Univ. 21; M.S. Mass. Inst. Technol. 24; Ph.D.(psy- chol), Harvard, 27; hon. Sc.D. Colby Col, 45, Wesleyan Univ, 59, Clark Univ, 52, Bates Col. 55, Boston Univ, 65 & Worcester Polytech. Inst. 66. Nat. Res. Coun. fel. physiol, Harvard, 27-28, instr. physiol. & tutor biol, 28-30; Parker travelling fel. from Harvard & lectr, Cambridge, 30-31; prof. physiol- & dir. physiol. labs, Clark Univ, 31-44; exec. dir. WORCESTER FOUND. FOR EXP. BIOL. 44-68, EMER. PRES. 68- Tutor, Harvard & res. assoc. med. sch. 40-41, Guggenheim fel, 44-45, lectr, 45-46; res. prof, med. col. Tufts Col. 46-50; affiliate res. prof. Boston Univ, 50-68; consult, Nat. Sci. Found. 58-61. Past trustee, Woods Hole Oceanog. Inst; trustee, Worcester Mem. Hosp; Carver Found. Tuskegee Inst; mem, Int. Brain Res. Orgn; World Acad. Art & Sci; vis. comt, biol. dept, Mass. Inst. Technol, 54-58; med. sch. & sch. dent. med, Harvard, 59-65, biol, psychol. & social relations depts, 65-70. Modern Med. Award for Distinguished Achievement, 55. U.S.A. 17-19. Fel. AAAS; Am. Physiol. Soc; Am. Acad. Neurol; Asn. Res. Nervous & Ment. Diseases; Soc. Biol. Psychiat.(pres, 67-68); fel. Am. Acad. Arts & Sci.(recording secy, 38-46, v-pres, 55-56, pres, 61-64). Stress in relation to the adrenal cortex; electrical activity of the brain in relation to brain chemistry; neuropharmacology. Address: Worcester Foundation for Experimental Biology, 222 Maple Ave, Shrewsbury, MA 01545.

EOAGLAND, LAWRENCE CLAY, b. Marion, Ohio, Nov. 15, 31; m. 51; c. 4. MECHANICAL ENGINEERING. B.Mech. Eng. Gen. Motors Inst, 54; Gen. Motors Corp. fel. Mass. Inst. Tech, 54-55, M.S. 55, Fluor fel. & M.E. 56. Sc.D.(mech. eng), 60. Jr. engr, small gas turbine dept, Gen. Motors Corp, 53-54; asst. appl. mech, Mass. Inst. Tech, 56-57, instr, 57-58, asst. prof, heat transfer & thermodyn, 58-60; v-pres. eng. res, DYNATECH CORP, 60- 68. V.PRES. & DIR. RES. STEAM ENGINE SYSTS. CORP, NEWTON, 68- 69. Dir. L.C. Hoagland Assoc. 68-70. Am. Soc. Mech. Eng. Soc. Automotive Eng; Am. Soc. Heat, Refrig. & Air-Conditioning Eng. Development of heat engines, heat exchanger applications and heat transfer and flow processes of interest in heat exchange equipment; heat transfer and flow in non circular ducts. Address: 3 Martha's Point Rd, Concord, MA 01742.

EOAGLAND, MAHLON B(USH), b. Boston, Mass, Oct. 5, 21; m. 43, 61; c. 4. BIOCHEMISTRY. M.D. Harvard Med. Sch, 48. Res. fel. med, Huntington Lab, Mass. Gen. Hosp, 48-51; fel, Am. Cancer Soc, Carlsberg Lab, Copen- hagen, 51-52; biochem. res. lab, Mass. Gen. Hosp, 52-53, from asst. to asst. prof, Huntington Lab, Harvard Med. Sch, 53-60, assoc. prof. bact. & immunol, 60-67, tutor, 53-60, exec. secy, comt. res, Hosp, 54-57; prof. biochem. & chmn. dept, Dartmouth Med. Sch, 67-70; DIR, WORCESTER FOUND. EXP. BIOL. 70- Scholar cancer res, Am. Cancer Soc, 53-58. Mem. med. res. coun. unit molecular biol, Cavendish Lab, Cambridge Univ, 57-58; biochem. study sect. Nat. Insts. Health, 61-64; trustee, Mem. Hosp, Worcester, Mass; mem. bd. sci. counsrs, Nat. Heart & Lung Inst. Am. Soc. Biol. Chem; Am. Acad. Arts & Sci. Carcinogenic and biological effects of beryllium; biosynthesis of co-enzyme A; biosynthesis of protein. Ad- dress: Worcester Foundation for Experimental Biology, Shrewsbury, MA 01545.

EOAGLAND, PETER DAYTON, b. Somerville, N.J, Nov. 21, 34; m. 58; c. 3. BIOCHEMISTRY. B.A. DePauw Univ, 56; M.S. Fla. State Univ, 58, Ph.D. (biochem), 64. RES. CHEMIST, EAST. MKT. & NUTRIT. RES. DIV, AGR. RES. SERV, 64- AAAS; Am. Dairy Sci. Asn. Milk proteins; protein modifi- cation; amino acid derivatives; prebiological chemistry; marine science. Address: 224 Oreland Mill Rd, Oreland, PA 19075.

EOAGLAND, VINCENT DeFOREST, JR, b. Waltham, Mass, June 10, 40; m. 70. BIOCHEMISTRY. B.A. Wesleyan Univ, 62; Ph.D.(chem), Fla. State Univ, 67. Nat. Insts. Health res. fel. biochem, Univ. Wash, 67-69; ASST. PROF. CHEM. SONOMA STATE COL. 69- AAAS. Enzymology; quaternary structure of enzymes; enzyme kinetics. Address: Dept. of Chemistry, Sonoma State College, Rohnert Park, CA 94928.

EOAGLIN, RAYMOND (ISAAC), b. Crawfordsville, Ind, Feb. 8, 13; m. 41; c. 2. ORGANIC CHEMISTRY. A.B. Wabash Col, 35; M.S. Purdue, 38, Ph.D. (chem), 42. Asst. chem, Wabash Col, 35-36; Purdue, 36-41; res. chemist, Carbide & Carbon Chem. Co, 41-48, group leader, 48-53, tech. supvr, pro- cess develop. lab, 53-55, asst. dir, develop. dept, Union Carbide Chem. Co. Div. UNION CARBIDE CORP, 55-57, assoc. dir, 57-61, res. & develop. dept, chem. div, 61-64, dir. tech. prog, 64-67, DIR. RES. & DEVELOP. DEPT, CHEM. & PLASTICS DIV, 67- Synthesis; product and process development; chemicals; polymers. Address: Research & Development Dept, Chemicals & Plastics Division, Union Carbide Corp, Technical Center, South Charles- ton, WV 25313.

EOAGLIN, FRANKLIN THEODORE, b. San Francisco, Calif, May 17, 30; m. 58; c. 3. ORTHOPEDIC SURGERY. B.A. California, Berkeley, 52; M.D. Hopkins, 58. Nat. Insos. Health engr. fel. Royal Nat. Orthop. Hosp, London, England, 62-64; instr. ORTHOP. SURG, sch. med. & dent. Rochester, 64-

- 55-56; asst. prof. 66-67; vis. lectr. faculty med. Hong Kong. 67-68; assoc. prof. & chmn. dept. COL. MED. UNIV. VT. 68-69. PROF. & CHMN. DEPT. 69-70. Hon. consult. div. child health serv. handicapped children's sect. Vt. State Dept. Health. 68-69. Med. C. U.S.A.F. 58-60. Gen. Surg. Am. Acad. Orthop. Surg.; Orthop. Res. Soc. Assn. Bone & Joint Surg. Investigation of the biochemistry of articular cartilage growth and destruction in experimental arthritis; clinical investigation of osteoarthritis. Address: Dept. of Orthopedic Surgery, University of Vermont Medical Alumni Bldg, Burlington, VT 05401.
- HOAK, JOHN C. b. Harrisburg, Pa. Dec. 12, 28; m. 52; c. 3. INTERNAL MEDICINE. B.S. Lebanon Valley Col. 51; M.D. Hahnemann Med. Col. 55. Instr. med. col. med. Iowa, 61-62; vis. researcher, Sir William Dunn Sch. Path, Oxford, 62-63, asst. prof. med. COL. MED. UNIV. IOWA. 63-67. assoc. prof. 67-70. PROF. MED. & DIR. SECT. HEMAT. 70- Am. Heart Assn. res. fel. 61-63, adv. res. fel. 63-65; mem. med. adv. bd. coun. on circulation, Am. Heart Assn. U.S. Pub. Health Serv. career develop. award & fel. coun. on arteriosclerosis. Dipl. Am. Bd. Internal Med. U.S.N. 56-58. Lt. Am. Med. Assn. Am. Fedn. Clin. Res.; Am. Col. Physicians; Int. Soc. Thrombosis & Haemostasis; Int. Soc. Hemat; Am. Soc. Hemat. Blood coagulation. Address: Dept. of Internal Medicine, University of Iowa Hospitals, Iowa City, IA 52240.
- HOAR, DONALD WAYNE. b. Hot Springs, S.Dak. Feb. 4, 42; m. 66; c. 1. NUTRITION, BIOCHEMISTRY. B.S. S.Dak. State Univ. 65. M.S. 67, Ph.D. (animal sci). 69. NUTRITIONIST, OSCAR MAYER & CO. 69- Am. Soc. Animal Sci; Inst. Food Technol. General nutrition. Address: Research Lab, Oscar Mayer & Co, Madison, WI 53590.
- HOAR, RICHARD M(ORGAN). b. Boston, Mass, Nov. 22, 27; m. 49; c. 1. ANATOMY, EMBRYOLOGY. A.B. Dartmouth, 50, fel. 50-52; Ph.D.(anat). Kansas, 56. Instr. anat. col. med. Cincinnati, 56-58. asst. prof. 58-64, assoc. prof. 64-69; HEAD TERATOLOGY, RES. DIV. HOFFMANN-LA-ROCHE INC. 69- Consult. Nat. Inst. Environ. Health Sci, Nat. Inst. Health, 70- U.S.A. 43-47. AAAS; Am. Assn. Anat; Teratology Soc; Soc. Study Reproduction; Am. Assn. Lab. Animal Sci; Europ. Teratology Soc; Am. Soc. Exp. Path. Endocrinology of reproduction teratology and biochemistry of development in guinea pigs. Address: Dept. of Environmental Pathology & Toxicology, Research Division, Hoffmann-LaRoche Inc, Nutley, NJ 07110.
- HOAR, WILLIAM S(STEWART). b. Moncton, N.B. Aug. 31, 13; m. 41; c. 4. ZOOLOGY. B.A. New Brunswick, 34; M.A. Western Ontario, 36; Ph.D.(med. sci), Boston, 39; hon. D.Sc. New Brunswick, 65. Demonstr. zool. Western Ontario, 34-36; asst. histol. & embryol. med. sch, Boston, 36-39; asst. prof. biol. New Brunswick, 39-42, prof. zool. 42-45; zool. & fisheries, UNIV. B.C. 45-64, PROF. ZOOLOG. 64-, head dept. 64-71. Guggenheim fel. Oxford, 58-59. Fel. Royal Soc. Can.(Flavelle Medal, 65). Physiology; aspects of histology, embryology behavior and physiology of salmon. Address: Dept. of Zoology, University of British Columbia, Vancouver 8, B.C., Can.
- HOARD, DONALD E(ILLSWORTH). b. Seattle, Wash, Apr. 14, 28; m. 54; c. 4. BIOCHEMISTRY. B.S. Washington (Seattle), 52; Ph.D.(biochem), California, 57. Res. fel. biochem, Calif. Inst. Tech, 57-60; res. chemist, Pabst Labs, Pabst Brewing Co, 60-63; MEM. STAFF, BIOMED RES. GROUP, LOS ALAMOS SCI. LAB, UNIV. CALIF. 63- Sig. C. U.S.A. 46-48, Chem. C. Res, 52-69. AAAS; Am. Chem. Soc; Am. Inst. Chem. Organic chemistry of nucleotides; oligonucleotides and nucleic acids. Address: Biomedical Research Group, Los Alamos Scientific Lab, University of California, P.O. Box 1663, Los Alamos, NM 87544.
- HOARD, G(EOURGE) L(ISLE). b. Cuba, Kans, Oct. 5, 95; m. 27; c. 2. ELECTRICAL ENGINEERING. B.S. Washington (Seattle), 17, M.S. 26. Operator in charge rwy. substn, City Lighting Dept, Seattle, 17; asst. elec. eng. Washington (Seattle), 19-20, instr. 21-26, asst. prof. 27-33, assoc. prof. 34-41, prof. 41-70; RETIRED. Operator, steam elec. generating sta, City Lighting Dept, Seattle, 19-20. U.S.A. 17-19. Inst. Elec. & Electronics Eng. Transit engineering; industrial control; factors that determine the choice of vehicle in modernization of a transit system. Address: 260 N.E. 43rd St, Seattle, WA 98105.
- HOARD, JAMES L(YNN). b. Elk City, Okla, Dec. 28, 05; m. 35; c. 3. PHYSICAL CHEMISTRY. B.S. Washington (Seattle), 27; M.S. 29; Ph.D.(chem), Calif. Inst. Tech, 32. Anal. chemist, Falkenberg & Co, Wash, 27-28; asst. Chem. Calif. Inst. Tech, 29-32; instr. Stanford, 32-35; Ohio State, 35-36; CORNELL UNIV, 36-38, asst. prof. 38-42, assoc. prof. 42-46, prof. 46-71, EMER. PROF. 71- Guggenheim fel. 46, 60 & 66. Civilian with Manhattan proj. subcontract, Cornell, 43-44; Off. Sci. Res. & Develop, 42-45. AAAS; Am. Chem. Soc; Am. Phys. Soc; Am. Crystallog. Assn. Structure and properties of complex inorganic substances and of tetrapyrrole systems, especially the metalloporphyrins. Address: Dept. of Chemistry, Cornell University, Ithaca, NY 14850.
- HOARE, JAMES PATRICK, b. Denver, Colo, Jan. 9, 21; m. 53; c. 3. ELECTROCHEMISTRY. B.S. Regis Col, 43; Mullen fel, Catholic Univ, 43-44, M.S. 48, Ph.D.(phys. chem). 49. Asst. chem, Catholic Univ, 46-49; instr. Trinity Col.(D.C.), 49-51, asst. prof. physics & chem, 51-54; physics chemist, Naval Res. Lab, Wash. D.C. 54-57; prin. res. engr. sci. lab, Ford Motor Co, 57-60; SR. RES. CHEMIST, RES. LABS. DIV. GEN. MOTORS CORP. 60- Grant, Res. Corp. 50-51. U.S.N.R. 44-46. Am. Chem. Soc; Electrochem. Soc; Int. Electrochem. Soc; N.Y. Acad. Sci. Chemical kinetics; electrochemistry; mechanisms of electrode reactions; catalysts; surface and solid state chemistry; fuel cells. Address: General Motors Research Lab, 12 Mile and Mound Rds, Warren, MI 48092.
- HOARE, RICHARD DAVID, b. Rosiclare, Ill, May 14, 27; m. 47; c. 2. INVERTEBRATE PALEONTOLOGY. A.B. Augustana Col, 51; M.A. Missouri, 52, Ph.D. ST. JOSEPH GEOL. MISSOURI, 53-57; BOWLING GREEN STATE UNIV. 57- CHEM. DEPT. 71- 67-68. Summers, B.D. Assn. American Br. U.S. Geol. Surv. 49-52; geologist, Carter Mining Co, Can. 56; asst. prof. Missouri, 57-58. U.S.A. 43-47. Paleont. Soc; Nat. Assn. Geol. Teachers; Geol. Soc. Am; Brit. Palaeontograph. Soc; Brit. Palaeont. Assn. Upper Paleozoic invertebrate paleontology. Address: Dept. of Geology, Bowling Green State University, Bowling Green, OH 43402.
- HOARE, ROBERT. b. Calgary, Alta, Aug. 30, 23; m. 51; c. 2. BIOCHEMISTRY. B.Sc. Alberta, 48, M.Sc. 50; Ph.D.(biochem), Manitoba, 50, M.A. Alberta, 50; chemist, Food & Drug Directorate, 50-53. res. assoc. biochemist, Winnipeg Clin, 57; PROVINCIAL BIOCHEMIST, DEPT. HEALTH, PROVINCE MAN. 58- Hon. prof. Brandon Univ, 59-. Asst. biochemist, St. Boniface Hosp. & Winnipeg Municipal Hosp., R.C.A.F., 40-45. Sr. mem. Chem. Inst. Can; Can. Soc. Clin. Chem. & Pathology in clinical chemistry; biochemistry of mental diseases. Address: 71 Whitehead Crescent, Brandon, Man. R7B 0W3, Can.
- HOATS, DAVID LEE, Exp. Psychol, see Suppl. I to 11th ed, Soc. & Expt. Vols.
- HOBACK, J(OHN) HOLLAND, b. Huntington, W.Va, Sept. 6, 20; m. 45; c. 2. PHYSICAL CHEMISTRY. A.B. Marshall Col. 41, M.S. 42; Ph.D. (chem), West Virginia, 47. Instr. Chem, MARSHALL UNIV, 45-47, asst. prof. 47-53, assoc. prof. 53-64, PROF. 64- Consult. Vet. Admin. 57-64, v-pres. res. & develop. Continental Tobacco Co. 59-62, consult. 62-64, Am. Inst. Chem; Am. Chem. Soc. Relationships between physical properties and molecular structure; cellulose and salt solutions; paper chromatography and pulmonary function. Address: Dept. of Chemistry, Marshall University, Huntington, WV 25701.
- HOBACK, KARL F(RANKLIN). b. Huntington, W.Va, Jan. 5, 29. ORGANIC CHEMISTRY. B.S. Marshall Col. 50, M.S. 51; fel. West Virginia, 51-54, Ph.D.(chem), 56. Instr. chem, West Virginia, 54-56; asst. prof. VA. MIL. INST, 56-58; PATENT AGENT, PATENT DEPT. JONES & LOCKWOOD, Summers, res. chemist, Elec. Storage Battery Co, 57-58. AAAS; Am. Chem. Soc; fel. Am. Inst. Chem. Reaction of simple aliphatic amines with nitrous acid; oxidative degradation of polymers. Address: Jones & Lockwood, P.O. Box 2266, Eads Station, Arlington, VA 22202.
- HOBART, EVERETT W. b. Cincinnati, Ohio, Dec. 15, 31; m. 56; c. 5. ANALYTICAL CHEMISTRY. B.S. Mass. Inst. Technol, 53. Jr. chemist, Am. Cyanamid Co, Conn, 53-55, chemist, 55-56; sr. chemist, Pratt & Whitney Aircraft Div, United Aircraft Corp, Conn, 56-60, supvr. anal. chem. 60-65. ASST. RES. DIR. LEDOUX & CO, 65- Am. Chem. Soc. Chemical and instrumental analysis; alkali metals. Address: Ledoux & Co, 359 Alfred Ave Teaneck, NJ 07666.
- HOBART, OSCAR F, JR. b. Centerville, Iowa, Dec. 26, 22; m. 46; c. 3. BOTANY, PLANT PATHOLOGY. B.S. Iowa State, 50, M.S. 51, Ph.D.(plant path). 54. Sugar res. specialist, United Fruit Sugar Co, Cuba, 53-58, asst. murr. sugar cane, 58-60; mem. staff tech. serv. to sales, NIAGARA CHEMICAL, FMC CORP, Fla, 60-65, N.Y. 65-67, prod. murr. fungicides, 67-69. DEVELOP. MGR. EUROPE, MIDDLE E. & AFRICA, FMC CHEM. S.A. SWITZ. 69- Am. Phytopath. Soc. Detection and spread of stone fruit viruses; sugar cane breeding and variety tests. Address: Niagara Chemical Division, FMC Corp, 100 Niagara St, Middleport, NY 14105.
- HOBBS, JOHN EYRES, b. Buffalo, N.Y, June 5, 35; m. 59; c. 3. LIMNOLOGY, ECOLOGY. B.A. Dartmouth Col, 57; M.A. California, Berkeley, 59; Ph.D.(zool), Indiana, 62. Res. assoc. zool. California, Davis, 62-63; Nat. Insts. Health fel. Inst. Limnol. Uppsala, 63-65; asst. prof. ZOOLOG. N.C. STATE UNIV, 65-67, assoc. prof. 67-71. PROF. 71- Nat. Sci. Found. res. grant, 66-71, sr. fel. Norweg. Inst. Water Res, Oslo, 71-72; Water Resources res. grant, 66-; dir. Tundra Biome Aquatic Proj, U.S. Int. Biol. Prog. 71- Ecol. Soc. Am; Am. Soc. Limnol. & Oceanog; Am. Inst. Biol. Sci. Int. Assn. Theoret. & Appl. Limnol. Arctic and antarctic limnology; heterotrophic bacteria in aquatic ecosystems; effects of eutrophication on estuaries. Address: Dept. of Zoology, North Carolina State University, Box 5577, Raleigh, NC 27607.
- HOBBS, RUSSELL K(LYVER), b. Albany, N.Y, Nov. 3, 34; m. 57; c. 4. PHYSICS. B.S. Mass. Inst. Technol, 56; A.M. Harvard, 57, Ph.D.(physics), 60. Res. assoc. PHYSICS, UNIV. MINN. MINNEAPOLIS, 60-62, asst. prof. 62-65, ASSOC. PROF. 65- Am. Phys. Soc; Am. Assn. Physics Teachers. Computer medical diagnosis; computer-generated films; nuclear physics. Address: School of Physics, University of Minnesota, Minneapolis, MN 55455.
- HOBBS, ANSON P(ARKER), b. Greensburg, Ind, Mar. 4, 15; m. c. 3. PHYSICAL CHEMISTRY. A.B. Indiana, 36. Chemist, Dow Chem. Co, 37-44, prof. leader anal. chem, 44, asst. dir. spec. serv. lab, 44-69; RES. CHEMIST, helium res. ctr, U.S. BUR. MINES, TEX, 69-70, PITTSBURGH ENERGY RES. CTR. 70- Rep. Natural Gas Processors Assn, 55-; mem. Gas Assn. AAAS; fel. Am. Inst. Chem; Am. Chem. Soc. Gas analysis; catalyst research; physical properties and other reactions of gaseous materials. Address: Pittsburgh Energy Research Center, U.S. Bureau of Mines, 4800 Forbes Ave, Pittsburgh, PA 15213.
- HOBBS, BILLY F(RANKEL), b. Hiltons, Va, Mar. 5, 31; m. 53; c. 2. MATHEMATICS. B.S. Ball State Univ, 54, M.A. 55, summer, Ind. Univ, 57; Ph.D. Purdue Univ, 67. Teacher, pub. sch. Ind, 54-57; asst. prof. MATH. COLEMAN Nazarene Col, 57-66, chmn. dept. 60-66; asst. prof. Purdue Univ, 61-67, prof. Olivet Nazarene Col, 67-70, PROF. & CHMN. DEPT. PASADENA CALIF. 70- Nat. Sci. Found. sci. faculty fel. 62-63, grad. fel. 64-65, grad. fel. 65-66. Am. Math. Soc; Math. Assn. Am. Topological and commutative algebra; general topology. Address: Dept. of Mathematics, Pasadena College, 1539 E. Howard St, Pasadena, CA 91104.
- HOBBS, CHARLES C(LIFTON), JR. b. Wewoka, Okla, Mar. 23, 27; m. 58; c. 3. ORGANIC CHEMISTRY. B.S. Oklahoma, 49, M.S. 51, Ph.D.(chem), 52. Res. chemist, Celanese Corp, Am, 52-56, sr. res. chemist, 56-58, sr. res. assoc. explor. res. dept. 58-63, group leader, basic process res. dept. 63-67, chmn. div. 63-67, SR. RES. ASSOC. CHEM. RES. DEPT. CELANESE CORP. 67- U.S.A.F. 45-48, Post, 46-52. Am. Chem. Soc. Chromatography; oxidation of saturated hydrocarbons; derivatives of petroleum chemistry; organic electrochemistry; peroxygen chemicals; free radical reactions. Address: 1437 Casa Verde Dr, Corpus Christi, TX 78411.
- HOBBS, CHARLES H(ENRY). b. Longmont, Colo, Oct. 4, 42; m. 63; c. 2. VETERINARY MEDICINE. D.V.M. Colo. State Univ, 66. ASSOC. SCHEM.

- Dakota, 56-59, assoc. prof. 59-61; LA. STATE UNIV. BATON ROUGE, 61-63, PROF. MICROBIOL. 63- U.S.A.A.F. 42-45. Am. Soc. Microbiol.; N.Y. Acad. Sci. Physiology and biochemistry of microorganisms; enzymology. Address: Dept. of Microbiology, Louisiana State University, Baton Rouge, LA 70803.
- LARSON, ANDREW HESSLER, b. Peru, Ill. Sept. 14, 31; m. 55; c. 3. METALLURGY. B.S. Mo. Sch. Mines, 53, M.S. 54; Kroll fel. Missouri, 56-57, Union Carbide Corp. fel. 57-59, Ph.D.(metall.). 59. Asst. prof. metall. eng. Mo. Sch. Mines, 59-60, assoc. prof. 60-63; Colo. Sch. Mines, 63-67, prof. 67-68; sr. res. metallurgist, BUNKER HILL CO. 68-69, MGR. RES. & DEVELOP. 69- Ford Found. Prog. prod. specialist, Tex. Div. Dow Chem. Co. 66-67. U.S.A. 42-46. Am. Soc. Metals; Am. Inst. Mining, Metall. & Petrol. Eng. High temperature thermodynamic and kinetic studies of metallurgical systems involving the extraction and refining of metals. Address: Research & Development Labs, Bunker Hill Co., P.O. Box 29, Kellogg, ID 83837.
- LARSON, BERT O. b. Council Bluffs, Iowa, Feb. 2, 14; m. 40; c. 5. ENGINEERING, ENGINEERING DESIGN. B.S. Illinois, Urbana, 38, M.S. 40, C.E. 50. Instr. concrete & surv. graphics, Illinois, Urbana, 38-42; asst. engr. State Water Surv. Urbana, Ill. 39-42; PROF. ENG. DESIGN, UNIV. ILL., URBANA, 46- Prof. scientist, State Water Surv. Urbana, Ill. summers, 47-55. Eng. C. U.S.A. 42-46, Res. Lt. Col. AAAS; fel. Am. Soc. Civil Eng.; Am. Soc. Eng. Educ.; Am. Water Works Assn. Hydrology; reservoir sedimentation; water use; surface and subsurface runoff; investigation into and feasibility of wood aggregate-portland cement concrete; computer aided design. Address: 511 W. Pennsylvania, Urbana, IL 61801.
- LARSON, BRUCE L(INDER), b. Minneapolis, Minn. June 24, 27; m. 54; c. 3. BIOLOGICAL CHEMISTRY. B.S. Minnesota, 48, Ph.D.(biochem). 51. Asst. Minnesota, 48-51; instr. BIOL. CHEM. UNIV. ILL., URBANA, 51-53, asst. prof. 53-59, assoc. prof. 59-66, PROF. 66- Fulbright lectr. Argentina, 65. AAAS; Am. Chem. Soc.(award, 66); Am. Soc. Biol. Chem.; Am. Soc. Cell Biol.; Am. Dairy Sci. Assn. Metabolism of milk formation. Address: Biochemistry Division, Dept. of Dairy Science, University of Illinois, Urbana, IL 61801.
- LARSON, CARL L(EONARD), b. Butte, Mont. Jan. 28, 09; m. 28; c. 2. BACTERIOLOGY. B.S. Mont. State Col. 32; B.M. Minnesota, 38, M.D. 39; Nat. Res. Coun. fel. Rochester, 38-39; hon. D.Sc. Montana State, 54. Res. assoc. snowshoe hare pop. bur. biol. surv. U.S. Dept. Agr. 32-38; asst. prof. med. bact. George Washington, 39; med. dir. lab. infectious diseases, Nat. Insts. Health, 39-50, dir. Rocky Mt. Lab. U.S. Pub. Health Serv. 50-65; PROF. MICROBIOL. & DIR. STELLA DUNCAN MEM. INST. UNIV. MONT. 65- Soc. Exp. Biol. & Med.; Am. Assn. Immunol.; Am. Pub. Health Assn.; Am. Acad. Microbiol.; N.Y. Acad. Sci. Immunology; tuberculosis. Address: Stella Duncan Memorial Institute, University of Montana, Missoula, MT 59801.
- LARSON, CARL WILLIAM, b. Pasadena, Calif. Mar. 6, 41; m. 62; c. 2. PHYSICAL CHEMISTRY. CHEMICAL ENGINEERING. B.S. Univ. Calif., Los Angeles, 63; M.S. San Diego State Col. 65; Nat. Sci. Found. fel. & Ph.D. (chem), Univ. Wash. 69. ASST. PROF. CHEM. ENG. UNIV. WASH. 69- Res. Corp. grant, Univ. Wash. 70-72, Am. Chem. Soc. grant, 70-73. AAAS; Am. Chem. Soc.; Am. Inst. Chem. Eng. Fundamental chemical kinetics; primary processes in thermal and chemically activated alkyl radical systems; photochemistry; kinetics of sulfur dioxide oxidation. Address: Dept. of Chemical Engineering, University of Washington, Seattle, WA 98105.
- LARSON, CARROLL BERNARD, b. Council Bluffs, Iowa, Sept. 10, 09; m. 35; c. 4. ORTHOPEDIC SURGERY. B.S. Iowa, 31, M.D. 33. Instr. ORTHOP. SURG. Harvard Med. Sch. 39-50. PROF. & HEAD DEPT. COL. MED. UNIV. IOWA, 50-, DIR. REHAB. 55- Jr. asst. Mass. Gen. Hosp. 39-45, sr. asst. 45-50; traveling fel. Gt. Brit. 48. Orthop. Res. Soc.; Am. Acad. Orthop. Surg. (pres, 66-). Bone metabolism; development of arthroplastics. Address: Rehabilitation Unit, University of Iowa College of Medicine, Iowa City, IA 52240.
- LARSON, CHARLES C(ONRAD), b. Pettibone, N.Dak. Nov. 17, 14; m. 58; c. 2. FORESTRY ADMINISTRATION. B.S. Minnesota, 40; M.S. Vermont, 43; cert. Inst. Pub. Admin. N.Y. 50; Ph.D.(forestry admin), State Univ. N.Y. Col. Forestry, Syracuse, 52. Summer res. asst. Lake States Forest Exp. Sta. 40-41; asst. forest superv. Crosser Lumber Co. Ark. 44; res. & state extn. forester, Univ. Vermont, 44-47; res. assoc. Inst. Pub. Admin. N.Y. 48-49; res. assoc. forestry, STATE UNIV. N.Y. COL. ENVIRON. SCI. & FORESTRY, SYRACUSE, 50-58, assoc. prof. 58-61, PROF. WORLD FORESTRY, 61-, DIR. INT. FORESTRY, 65- DEAN SCH. ENVIRON. & RESOURCE MGT, 71- Ford Found. overseas res. fel. 55; vis. prof. & proj. leader, Agency Int. Develop-State Univ. N.Y. Res. Found. assistance contract, col. forestry, Univ. Philippines, 59-62; consult, Syracuse Res. Inst. 57-59; mem. bd. dirs. Orgn. Trop. Studies, 71-; chmn. educ. comm. Int. Union Socs. Foresters, 71- Soc. Am. Foresters. Silviculture; forestry administration and economics; tropical vegetation; world forestry development with emphasis on the tropics. Address: School of Environmental & Resource Management, State University of New York College of Environmental Science & Forestry, Syracuse, NY 13210.
- LARSON, C(LARENCE) EDWARD, b. Cloquet, Minn. Sept. 20, 09; m. 34; c. 1; m. 57; c. 2. CHEMISTRY. B.S. Minnesota, 32; Ph.D.(chem), California, 36. Instr. chem, California, 32-36; res. assoc. Mt. Zion Res. Found., Calif. 36-37; assoc. prof. chem, Col. of the Pacific, 37-39, prof. & head dept. 39-40; chief anal. sect. radiation lab. California, 40-43; head tech. staff, electromagnetic plant, Carbide & Carbon Chem. Co. Div. Union Carbide Corp. 43-46, dir. res. & develop. 46-49, supt. 49-50, dir. Oak Ridge Nat. Lab. 50-55, v.p.res. in charge res. Nat. Carbon Co. Div. 55-59, assoc. mgr. res. admin. 59-61, v.p.res. Union Carbide Nuclear Co. Div. 61-64, pres. nuclear div. Tenn. 65-69; COMNR. U.S. ATOMIC ENERGY COMM. WASH. D.C. 69- Am. Nuclear Soc. fel. 62; mem. bd. dirs. Oak Ridge Inst. Nuclear Studies, 63-65; del. UN Conf. Peaceful Uses of Atomic Energy; Civilian with Off. Sci. Res. & Develop. 42. AAAS; Am. Chem. Soc.; Soc. Exp. Biol. & Med.; Am. Nuclear Soc. Inorganic chemistry of biological systems; separation methods for isotopes; radiochemistry; analytical methods; uranium chemistry; colloids; chemical separation methods.
- LARSON, CURTIS L(UVERNE), b. Cottonwood, Minn. Oct. 10, 20; m. 44; c. 3. AGRICULTURAL & CIVIL ENGINEERING. B.Agr. E. Minnesota, 43, fel. 46, 48, M.S. 49; Ph.D.(civil eng), Stanford, 65. From instr. to asst. prof. AGR. ENG. INST. AGR. UNIV. MINN. ST. PAUL, 48-59, assoc. prof. 59-65, PROF. 65- U.S.N.R. 43-46. Lt. Am. Soc. Agr. Eng.; Am. Geophys. Union; Am. Water Resources Assn.; Soil Conserv. Soc. Am. Surface water hydrology; watershed modeling; erosion control; water resources. Address: Dept. of Agricultural engineering, University of Minnesota, St. Paul, MN 55113.
- LARSON, DANIEL A, b. Jersey City, N.J. July 7, 23; m. 51; c. 3. PHYSICS. B.S. St. Peter's Col.(N.J.), 44; N.C. State Col. 44-45; M.S. Stevens Inst. Technol. 56. Trainee physics, Schenectady Res. Lab. Gen. Elec. Co., 47-48, physicist, Nela Park Lamp Div. 48-52; assoc. res. engr. LAMP DIV. WESTINGHOUSE ELEC. CORP. 52-57, res. engr. 57, sr. res. engr. 57-65, ENGR. FEL. RES. 65- U.S.A. 44-46. AAAS; Illum. Eng. Soc.; Optical Soc. Am. Low pressure discharges in metal vapor; fluorescent lamp discharge; high pressure discharges in mercury metal and metal iodides in high pressure discharges; optical pumps for lasers. Address: Westinghouse Lamp Divisions, Dept. 82012.4, One Westinghouse Plaza, Bloomfield, NJ 07003.
- LARSON, DANIEL L(EWIS), b. Sioux City, Iowa, Nov. 28, 21; m. 55; c. 4. MEDICINE. M.D. Columbia, 45. Intern MED, Columbia-Presby. Hosp., 46-47, res. 47-50; instr. COL. PHYSICIANS & SURGEONS, COLUMBIA UNIV. 50-52, assoc. 52-53, 55-57, ASST. PROF. 57-; DIR. MED. ST. BARNABAS HOSP. CHRONIC DISEASE, 65-, CLIN. DIR. 69- Markle scholar, 50-53, 57-57. Dipl. Am. Bd. Internal Med. U.S.A.R. 42-46, 53-55, Med.C. 55-, Lt. Col. AAAS; Am. Soc. Clin. Invest.; Soc. Exp. Biol. & Med.; Am. Med. Assn.; Am. Assn. Immunol.; Am. Rheumatism Assn.; Harvey Soc. Immunochimistry; cardiology; rheumatic fever, systemic lupus erythematosus; connective tissue disease. Address: St. Barnabas Hospital for Chronic Disease, 4422 Third Ave, Bronx, NY 10457.
- LARSON, DAVID L, b. Moline, Ill. June 16, 42; m. 66. VIROLOGY, BIOCHEMISTRY. B.A. Univ. North. Colo. 64; Nat. Insts. Health fel. & Ph.D. (biochem), St. Louis Univ. 70. Nat. Insts. Health fcls. viral immunol. Scripps Clin. & Res. Found. Calif. 69-71; SR. RES. INVEST. VIROL. JOHN L. SMITH MEM. CANCER RES. PFIZER, INC. 71- AAAS; Am. Soc. Microbiol. Viral immunology and biochemistry; breast cancer; leukemia; lymphoma viruses; mechanism of action of estrogens. Address: John L. Smith Memorial for Cancer Research, Pfizer, Inc, 199 Maywood Ave, Maywood, NJ 07607.
- LARSON, D(ENIS) WAYNE, b. Prince Albert, Sask. Dec. 2, 38; m. 62; c. 3. PHYSICAL CHEMISTRY. B.A. Saskatchewan, 61. Nickel Co. Can. scholar 61-62, M.A. 62; Nat. Res. Coun. Can. scholar, Toronto, 62-65, Ph.D.(inorg. chem), 65. Mem. res. staff, Can. Forces Inst. Aviation Med. 65-68; asst. prof. CHEM. UNIV. SASK, 68-71, ASSOC. PROF. 71- R.C.A.F. 57-66; Am. Chem. Inst. Can. Kinetics; thermodynamics; mixed solvents; glycols; conductivity; viscosity studies. Address: Dept. of Chemistry, University of Saskatchewan, Regina, Sask, Can.
- LARSON, DONALD A(LFRED), b. Chicago, Ill. Sept. 15, 30; m. 53; c. 3. BOTANY. B.S. Wheaton Col.(Ill.), 53; M.S. Univ. Ill. 55, Ph.D.(bot), 59. Assoc. prof. BOT. UNIV. TEX. AUSTIN, 59-69, PROF. & DIR. HEALTH PROFESSIONS, 69- Bot. Soc. Am.; Am. Soc. Cell Biol. Electron microscopy; cytology; palynology; taxonomic uses; paleobotany. Address: WMOI 205, University of Texas, Austin, TX 78712.
- LARSON, DONALD B, b. Salina, Utah, Aug. 20, 34; m. 56; c. 5. HIGH PRESSURE PHYSICS. B.S. Utah State Univ. 57, M.S. 59; Ph.D.(physics), 63. S. PHYSICIST, LAWRENCE LIVERMORE LAB. UNIV. CALIF., 63- U.S.A. 59. 1st Lt. High pressure solid state physics; high pressure properties of materials under shock-wave loading. Address: 5285 Irene Way, Livermore CA 94550.
- LARSON, DONALD CLAYTON, b. Wadena, Minn. Jan. 29, 34; m. 60; c. 3. SOLID STATE PHYSICS. B.S. Washington (Seattle), 56; S.M. Harvard, 57. Ph.D.(appl. physics), 62; Calif. Inst. Technol. 57-58, Asst. prof. PHYSIC. UNIV. Va. 62-67; ASSOC. PROF. DREXEL UNIV. 67. Am. Phys. Soc. Electrical properties of metallic, organic and amorphous semiconducting film. Address: Dept. of Physics, Drexel University, Philadelphia, PA 19104.
- LARSON, DUANE L, b. Stoughton, Wis. June 19, 28; m. 58; c. 3. PLASTIC SURGERY, SURGERY. B.S. Wisconsin, 51, M.D. 54. Intern. Med. Col. V 54-55; gen. surg. residency, Wisconsin, 55-57, 59-61; plastic surg. residency, UNIV. TEX. MED. BR. GALVESTON, 61-64; instr. PLASTIC SURG. summer 64, asst. prof. 64-68, ASSOC. PROF. 68-; CHIEF SURGEON, SHRINERS BURNS INST., 65- Dipl. Am. Bd. Surg. 62; Am. Bd. Plastic S. 65. U.S.A. 57-59, Res. 59-68, Maj. AAAS; Am. Col. Surg.; Am. Fedn. Ch. Res.; Am. Med. Assn.; Plastic Surg. Res. Coun.; Am. Soc. Head & Neck Sur. Am. Cleft Palate Assn.; Am. Soc. Plastic & Reconstruct. Surg. Lymphatic burns. Address: Shriners Burns Institute, Galveston, TX 77550.
- LARSON, EDGAR WILLIAM, b. Argusville, N.Dak. Feb. 3, 26; m. 49; c. MICROBIOLOGY. B.S. Iowa State, 49. Chief lab. sect. test chamber br. U.S. Army Biol. Labs. 49-54, test chamber br. tech. eval. div. 54-55, 57-60, asst. dir. tech. serv. 60-64, chief tech. eval. div. 64-71, chief aerob. & eval. div. 71-72, AEROBIOL. SCIENTIST, AEROBIOL. DIV. U.S. ARM. MED. RES. INST. INFECTIOUS DISEASES, 72- Chem.C. U.S.A. 55-57. AAAS; Am. Soc. Microbiol.; Biomet. Soc.; Res. Soc. Am. Microbiol. quantitative aerobiology; experimental design and analysis. Address: Biology Division, U.S. Army Medical Research Institute of Infectious Diseases, Ft. Detrick, Frederick, MD 21701.
- LARSON, EDWARD R(ICHARD), b. N.Y.C. May 24, 20; m. 43; c. 3. GEOLOGY. B.A. Columbia, 42, M.A. 47, Ph.D.(geol.), 51. Jr. geologist, U.S. Surv. 43-44; asst. prof. geol. Mo. Sch. Mines, 47-49; UNIV. NEV. RENO 53, assoc. prof. geol. & geoz. 53-59, PROF. GEOL. 59-, chmn. dept. 62- U.S.A. 44-46. Geol. Soc. Am.; Am. Assn. Petrol. Geol. Structural geology. Address: Dept. of Geology & Geography, University of Nevada, Reno, NV 89507.

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ing 57-61 Asst Att 64-- (both at NY Or
Cons 65-- (Harlem Hosp). Assoc Prof
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Att NYC) Res in Or Surg NY Or Hosp
anderbilt Clin (both at Colum-Presbyn
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urg Colum (P&S). 1st Lt AUS 54-56.
rk NY 10019

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Hosp Jamaica NY) 35-37 Asst Morbid
41 Att Or (all at Mt Sinai Hosp NYC)
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Baylor) 64-65 Res in Gen Surg (Hosp of
66-69 Sr Annie C Kane Fell in Hip Surg
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OrS 49. b 09 NYC. MD NYU 34. Intern
es Or Surg 43-44 Att Or Surg & Dir Club
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son of Columbus O) 44-46 Att Or Surg
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Center) 53-54 Asst Res Gen Surg (Pres-
62 Annie C Kane Fell Hand Surg 62-63
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4Y Med). Capt MC USA 56-58. AMA-
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0-61 Res Or Surg 61-64 (all at Hosp Joint
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rs 63. b 26 Seattle. MD Roch 55. Intern
Assoc Att Surg (all at NY Hosp) Res Or
Exec Asst Surg-In-Chief (Hosp Spl Surg)
& Allied Dis) 60. Clin Assoc Prof (Cor-
-Or Research Soc-AAA-AMA-AAOS-
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rt OrS 68. b 30 Eng. MD Cambridge U-
e Hosp London) 57-58 Tng (Royal Infir-
ing Res (Royal Victoria Hosp) 58-60
4 Children) 60-61 (both Montreal Que
Att Surg (both at Hosp for Spl Surg) Asst
NYC). Instr 65-70 Asst Prof 70-- (Cor-
71st St New York NY 10021
OrS 63. b 24 London Eng. MD U Coll
Super-Mare Hosp) 49-50 Res Surg (Adel-
ing 56-59 now Assoc Att (both at Hosp for
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21

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er-Fifth Ave Hosp NYC) 42 (Fordham
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NY State Rehab Hosp) Assoc Att Or Surg
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7 Sr Annie C Kane Fell 57-58 (both at NY
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OrS 60. b 14 Kiev Russia. MD Warsaw
Or Surg 52-53 Asst Vis Surg Or Ser 59-
NY) Res Surg (Greenpoint Hosp Bklyn)
cent's Hosp SI NY) 53-54 Res Or Surg
2-71 (both at House St Giles the Cripple

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NJ) (St Agnes Hosp White Plains) (S Nassau Communities Hosp NY)
(St Francis Hosp Port Jervis) (Dobbs Ferry Hosp NY) (St Luke's
Hosp Newburgh NY) Cons Or Surg (Bell) (Manhattan Gen Hosp)
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Intern 58-59 Res Surg 59-61 Res Or Surg 61-64 Fell Spl Surg 64-66
Asst Att Surg 68-70 Assoc Att Surg 70-- (all at NY Hosp & Hosp for
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66-68. Asst Prof Surg 67-69 Prof 69-- (Cornell). AAOS(F)-
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