

# EDWARD A. LAFRANCHI

Deputy Associate Director for Engineering  
Lawrence Livermore Laboratory, University of California, Livermore, California

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**Birth:** Petaluma, California--July 23, 1928

**Family:** Wife: Ann Rogers Lafranchi  
Children: Bruce, Mark, Paul

**Address:** Residence: 359 Polk Way, Livermore, California 94550  
Business: University of California, Lawrence Livermore National Laboratory  
P. O. Box 808 (L-151), Livermore, CA 94550

**Education:** 1950 University of Santa Clara, BS in Electrical Engineering

**Positions:**

**1950-1951 UC Radiation Laboratory, Berkeley, California**—Development, installation, maintenance of electronic systems connected with a 32 MEV LINAC.

**1951-1953 United States Air Force**—Communications Officer—Operational responsibility for a Security Radio Intercept Squadron

**1953-1956 UCLRL, Livermore, California**—Univac Engineer—Design modification, maintenance and operation of the Laboratory's first digital computer. Also, designed and built off-line data handling systems connected with the Computer Center.

**1956-1964 UCLRL, Livermore, California**—Group Leader—Computers and Data Systems Responsible for leading a group of engineers and technicians designing and building much of the first digital data acquisition systems, (in addition to managing) the engineering and maintenance staff of all LLNL computer equipment in the Computer Center.

**1964-4 mo. UCLRL, Livermore, California**—Assistant Division Head, Special Projects Division—Responsible for oversight of the Laboratory's computer engineering activities and assisting with the management of a division providing support to speciality activities.

**1964-1966 UCLRL, Livermore, California**—Assistant Division Head, Physics Systems Division—Continued responsibility for oversight of the Laboratory's engineering activities and the direct engineering responsibility for the introduction of microcomputers into the Laboratory Research environment and for the acquisition of all of the off-line computer equipment. Assisted the Division Leader in the management of the Division.

**1967-1973 UCLRL, Livermore, California**—Division Leader, Physics Systems Division—Engineering management of a division providing support to the Physics Research Program, Bio-Medical Program, Mechanical Inspection and Fabrication Projects, Computation Department.

**1973-7 mo. UCLLL, Livermore, California**—Division Leader, Fusion Energy Systems Division—Engineering management of the division responsible for Electronics Engineering support to the Laser Program and the MFE Program.

**1973-1987 UCLLNL, Livermore, California**—Department Head, Electronics Engineering Department—A senior management position reporting to the Associate Director for Engineering. Responsible for the Technical and Administrative management of an engineering organization consisting of six divisions and approximately 1100 people. The 1100 people are approximately 440 Electronics Engineers of which 100 are PhDs, 600 Technical support personnel and 75 administrative and clerical employees. The Department Head was responsible for the quality of the engineering work, all recruiting activities, development and management of a \$17M budget, of which \$6M was for Research and Development Programs, for Staff development and all functions related to the general operations of the organization.

**1987-1989 UCLLNL, Livermore, California**—Deputy Associate Director for Engineering Operations—A senior management position reporting to the Associate Director for Engineering. Responsibilities include management of the: Engineering Research Program, Computer-Aided Engineering Program, and the technical support for the Laboratory's Small Computer Systems Program. This position has the management and coordination responsibility within Engineering for activities affecting health, safety, and environment, and is also responsible for the development and management of centralized administrative policies and functions that are common to Engineering.

**1989-Present Deputy Associate Director for Engineering**—A senior management position reporting to the Associate Director for Engineering. In addition to acting as an alternate for the Associate Director, this position is also responsible for management of the: Engineering Research Program, Computer-Aided Engineering Program, and the Laboratory's Small Computer Systems Program. This position has the management oversight responsibility within Engineering for activities affecting health, safety, and environment.

**Memberships:** IEEE

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1956-1964 UCLRL, Livermore, California, Group Leader, Computers and Data Systems  
1964-4 mo. UCLRL, Livermore, California, Assistant Division Head, Special Projects Division  
1965-1966 UCLRL, Livermore, California, Assistant Division Head, Physics Systems Division  
1967-1973 UCLRL, Livermore, California, Division Leader, Physics Systems Division  
1973-7 mo. UCLLL, Livermore, California, Division Leader, Fusion Energy Systems Division  
1973-1987 UCLLNL, Livermore, California, Department Head, Electronics Engineering Department  
1987-1989 UCLLNL, Livermore, California, Deputy Associate Director for Engineering Operations  
Currently UCLLNL, Livermore, California, Deputy Associate Director for Engineering

**Memberships:** IEEE