

Engineering Center since 1965.

Ringleb was born in Guben, Germany in 1900. He was educated at the universities of Breslau, Jena and Heidelberg, and taught at Jena and the University of Würzburg. In 1939, he became chief theoretical dynamicist with the Messerschmidt Aircraft Company, where he was responsible for the aerodynamic aspects of the development of the ME 163. During the last years of the war he was chief aerodynamicist at the Aeronautical Research Institute in Vienna.

Ringleb was recruited by the US Navy in 1945 and worked at its installations in Philadelphia until his death. Last year he received the Navy's award for distinguished achievement in science. He was a member of the Franklin Institute committee on science and the arts as well as of the American Institute of Aeronautics and Astronautics.

Ross Gunn, Was Advisor to NRL

Wartime technical advisor to the Naval Research Laboratory, Ross Gunn, died in Washington, D.C., on 15 Oct. In recent years he had been research professor of physics at the American University in Washington.

Gunn was born in 1897 in Cleveland, Ohio. After obtaining a BS and MS in electrical engineering at the University of Michigan, he did radio engineering research for the US Air Service and then taught engineering physics at Yale University, where he also received a PhD in physics in 1926. In 1927 he began an association with the Naval Research Laboratory that spanned two decades.

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The American Institute of Physics suffered a sad loss in the recent death of Gertrude Martin. She was in charge of the administrative details of the Regional Counselor Program. Besides being a competent builder of this program she was a free-lance writer and most knowledgeable in music. Before joining the AIP she was secretary to the president of the Juilliard School of Music. A gentle lady, Gertrude Martin will be missed. □

ON THE WATERFRONT AT ANNAPOLIS—



growth opportunities for research engineers and scientists

The expansion of the research and development program of the U.S. Navy Marine Engineering Laboratory, Annapolis, Maryland, has created openings for engineers and scientists at salaries ranging from \$6,387 to \$12,873 in the types of positions described below:

Chemical Engineer — Research and development work in chemical and electrochemical processes; gas and fluid flow systems and equipment; air and water treatment systems; semi-conductor materials; lubrication; fuel cell power plant systems and processes; filtration, hydraulic fuel systems.

Electrical Engineer — Research and development in electrical power and its control; magnetic fields; ship control systems; instrumentation; electrochemical processes; electro or electro-mechanical equipment silencing; or other naval or shipboard electrical applications.

Electronic Engineer — Research and development in electronics, servomechanisms, electro and mechanical devices; instrument and panel illumination, pressure measurement, and fluid flow measurement.

Chemist — Engaged in application of chemical principles to the areas of water treatment and purification, corrosion and deposition in naval equipment, atmosphere purification, thermoelectric materials, fuel cell power generation, lubrication, fuels, hydraulic fluids, and instrumental analysis.

Mechanical Engineer — Research and development work in shipboard propulsion machinery; pneumatic and hydraulic systems; friction and wear equipment and devices; machinery silencing; cryogenic systems; or other naval and shipboard mechanical applications.

Metallurgist — Research and development work in the area of new or improved alloys for ship hull and machinery applications involving considerations of physical and mechanical properties of metals and alloys, fatigue and corrosion characteristics, and weldability.

Physicist — Application of physical principles to the areas of sound, electronics, optics, mechanics, instrumentation, or electricity and magnetism.

Mathematician — Applies the techniques of mathematics to the solution of scientific and engineering problems in the support of research and development programs of the Laboratory. Analyzes physical problems and develops mathematical equations and formulas suitable for numerical analysis and computation. Programs for solution by digital computer when appropriate.

Each appointee receives the complete benefits of career Civil Service and regular salary increases in grade. Applicants must be college graduates. All qualified applicants will receive consideration for employment without regard to race, color, or national origin. Relocation expenses will be paid.

Write to: W. M. SIESKO
Head, Employment Branch
U.S. Navy Marine Engineering Laboratory
Annapolis, Maryland 21402