R & D-ORIENTED?

Consider the advantages of a career in the laboratories of the David Taylor Model Basin.

Opportunities exist for qualified graduates in:

- MECHANICAL ENGINEERING
- NAVAL ARCHITECTURE
- STRUCTURAL ENGINEERING
- PHYSICS AND BIO-PHYSICS
- MARINE ENGINEERING
- APPLIED MECHANICS
- COMPUTER ENGINEERING
- ACOUSTICS AND VIBRATION
- SYSTEMS ENGINEERING
- SIGNAL PROCESSING
- MATHEMATICS
- AEROSPACE ENGINEERING
- MATERIALS ENGINEERING
- ELECTRONICS ENGINEERING
- CIVIL ENGINEERING

The David Taylor Model Basin, a center of excellence among government research activities, is growing steadily in size and responsibility. The various laboratories conduct basic and applied research, testing and development in:

- Hydromechanics—Fluid dynamics, seaworthiness, ship maneuvering, ship powering, hydrofoil craft, novel ship types, cable-towed devices.
- Aerodynamics—Aircraft, missiles, V/STOL aircraft, wind tunnel research, concept design.
- Structural Mechanics—Surface ship and submarine structures, underwater explosions research, ship and personnel protection, hydrofoil craft.
- Applied Mathematics—Computer-aided ship design, management data analysis, information retrieval systems, numerical techniques, fluid flow analysis, computer science and technology.
- Acoustics and Vibration—Radiated, near-field, self, and hydrodynamic noise, noise transmission, countermeasures, silencing devices, signal processing, sonar systems.
- Ship Concepts Research—Programs such as those under way for Surface Effect Ships and Hydrofoil Development, which contain investigations of the above fields from advanced concepts for new vehicle systems to engineering development for the Navy of the future.
- Central Instrumentation supports laboratory research by providing state-of-the-art measuring and control equipment.
- Excellent on-the-job training, plus opportunities for further professional development, with financial assistance for after-hours or full-time advanced study on full salary.
- Advancement based on achievement—you can pass the $12,500 mark in 3½ years.

As a career Civil Service employee you enjoy generous vacations and sick leave, inexpensive life and health insurance, and an unusually liberal retirement.

Washington, D.C., is a center for scientific research, and of unusual cultural and recreational opportunities.

Excellent living conditions.

Excellent public schools and colleges are located in the Washington, D.C., area.

The Model Basin is about 12 miles northwest of Washington, just off the Capital Beltway, Route 495, at Exit 15.

For more information about the Model Basin and the opportunities it offers, see the interviewer who visits your campus or write directly to Mr. S. Di Maria, Professional Recruitment Officer.

CAMPUSS INTERVIEWS
February 8

DAVID TAYLOR MODEL BASIN