

Official Title: Faculty Associate - Research
Pay Schedule: AD-5

Non-Tenure Track

A. Summary: a faculty associate - research at the AD-5 level serves as a project lead on research activities of extensive scope requiring subdivision into separate phases and the participation of various team members. As an AD-5, the incumbent supervises other research associates or team members.

B. Duties: a faculty associate – research:

- 1) Performs scholarly research and disseminates those results, especially through peer-reviewed means:
 - a) leads and manages large research activities, often serving as the primary investigator;
 - b) formulates research plans and hypotheses, carries out project plans, and explores the most promising areas of research in relation to assigned project or program area;
 - c) supervises, guides and mentors other research associates or team members;
 - d) serves as an authoritative source of expertise on assigned research projects, applying experimental theories and new developments to problems;
 - e) authors/co-authors conference papers, journal articles and technical reports;
 - f) presents results of research projects at professional meetings and conferences.
- 2) Participates in research line(s) that support(s) graduate education coursework and theses
 - a) integrates new research tools and/or knowledge into courses offered by the Department or School;
 - b) leads in the development of new course materials and the maintenance of existing graduate courses with respect to emerging research, including the design of hands-on laboratory exercises;
 - c) serves intermittently as a course instructor, or provides classroom support to resident or non-resident students;
 - d) lectures and facilitates discussions intermittently in short courses and seminars including the preparation and design of student work assignments;
 - e) provides technical support to students to assist them in preparing theses and dissertations and in analyzing data/results of research projects.
- 3) Provides academic advice, service, or consultation to Naval and Defense activities and to the larger community of scholars and others, as required and
- 4) Performs other duties commonly understood to be faculty duties, as required.

C. Scope of duties: At the AD-5 level, the Faculty Associate- Research works independently with technical supervision being more consultative in nature. The researcher's findings are viewed as being technically authoritative and acceptable for review by the scientific community, serve as the basis for activity/program decisions, and often lead to significant changes in NPS course content or curriculum.

D. Qualifications:

- An earned graduate degree in a discipline that supports the research line and departmental thesis needs;
- Extensive background and knowledge in the assigned subject matter area and a sustained record of conducting scientific research involving new or emerging technologies or principles.
- Demonstrated ability to lead project efforts and to work with student researchers.