

## ***Research Chemist - 1320***

### **Chemist Research Program**

Demonstrated progress and effective planning and execution of a laboratory research program under an independent principal investigator, as evidenced by having an excellent grasp of the research area, functioning with minimal supervision, independently keeping abreast of new approaches, being knowledgeable about scientific resources, and efficiently orchestrating daily routines, as well as two of the following:

- Develops scientifically sound research methods;
- Develops or improves medical laboratory procedures and chemistry techniques and succeeds in development of novel instrumentation or methods
- Significantly contributes to the submission of one to three scientific manuscripts which pertain to the research department for publication in peer-reviewed journals;
- Submission of employee invention reports and assistance with patent prosecution.
- Ensures quality control and cost-effectiveness of research by routine upkeep of the laboratory, and ordering supplies and maintaining equipment as required.
- Receipt of awards or other notable scientific or professional accomplishments.

### **Collaboration and communication in biomedical research is fostered by at least two of the following:**

- Dissemination of technical information through appropriate non-peer reviewed (e.g., trade) journals
- Communicates research findings through voluntary participation in scientific meetings and workshops
- Peer recognition through invitations to provide presentations at scientific symposia, meetings, and/or seminars
- Activities that support the overall NIH intramural research program, such as participation in IC-specific or NIH-wide committees
- Active research participation in one or more areas of importance as defined by the Principal Investigator
- Presents technical information at the NIH Research Festival.

### **Active participation in training/mentoring as demonstrated by one of the following:**

- Active participation in a mentoring program, as demonstrated by mentoring of one or more of the following: postdoctoral fellows, students, special volunteers, technicians, etc. (Mentoring includes identifying opportunities for training; collaboration; career growth; and encouraging the conduct of ethical research.)
- Active participation in a training program intended to maintain or enhance technical knowledge, skills, and abilities. (This can include professional society meetings, formal courses, journal/book clubs, inter-institute interest groups, etc.)
- Active participation in training of scientific staff from the IRP, such as on the use of specialized techniques or equipment