

ILLINOIS DEPARTMENT OF CENTRAL MANAGEMENT SERVICES  
CLASS SPECIFICATION

RESEARCH FELLOW, OPTION B

POSITION CODE: 38211  
Effective: 1-1-72

DISTINGUISHING FEATURES OF WORK:

Under general direction, receives supervised experience in mental health research; performs highly complex scientific research work in the causes, diagnosis and treatment of mental, behavioral and social disorders to broaden his disciplinary training and orient him toward mental health related science objectives; uses biological, behavioral, or other techniques in an institution's multiphasic research program; introduces innovative research techniques of his discipline into the laboratory and trains the staff in new methods of research.

ILLUSTRATIVE EXAMPLES OF WORK:

1. Receives training in mental health research by participating in time-limited projects that examine the causes, diagnosis and treatment of mental, behavioral and social disorders.
2. Performs research in a particular discipline complementary to his previous training and to the research goals of mental health programs.
3. Develops innovative solutions to scientific problems based on special academic training and experience.
4. Introduces to the laboratory and develops, under direction, new areas of research.
5. Introduces new research techniques and methodologies to the laboratory.
6. Maintains professional contacts with scientists in universities, hospitals, and professional organizations.
7. Reviews domestic and foreign scientific literature applicable to current research activities, and utilizes such data to advance or expand the studies of the program.

## RESEARCH FELLOW, OPTION B (Continued)

8. Designs and develops new apparatus for experimentation.
9. Performs other duties as required or assigned which are reasonably within the scope of the duties enumerated above.

### DESIRABLE REQUIREMENTS:

#### Education and Experience

Specifically, all Research Fellow positions are designed to receive supervised experience in the development and implementation of complex scientific research programs. The assignment to a relevant option level concerns the type of academic status required to perform the research function for which the position will be employed.

Possession of a doctorate degree relative to the specific program area of assignment.

#### Knowledges, Skills and Abilities

Requires extensive knowledge of research in the area of specialization.

Requires working knowledge of relevant scientific literature and the principles of experimental design.

Requires ability to carry out innovative methodologies in solving research problems.

Requires ability to develop and use specialized equipment and perform difficult scientific experimental procedures.

Requires ability to plan, prepare, and interpret reports on scientific research being performed or planned.

Requires ability to train laboratory staff in innovative methodology under direction of a senior scientist.