## Biostatistician Career Ladder Matrix

### Biostatistician Job Family

<table>
<thead>
<tr>
<th>Job Title</th>
<th>Biostatistician II</th>
<th>Biostatistician III</th>
<th>Sr Biostatistician</th>
</tr>
</thead>
<tbody>
<tr>
<td>Job Code</td>
<td>MC2035</td>
<td>MC2034</td>
<td>MC2033</td>
</tr>
<tr>
<td>Pay Grade</td>
<td>73</td>
<td>74</td>
<td>75</td>
</tr>
</tbody>
</table>

### Position Summary
- **Biostatistician II**: Under the general direction of the department head or designee, the Biostatistician II will assist in the planning, design, review, programming and implementation of special information systems activities.
- **Biostatistician III**: Under the general direction of the department head or designee, the Biostatistician III will assist in the planning, design, review, programming and implementation of special information systems activities.
- **Sr Biostatistician**: Under the general direction of the department head or designee, the Sr Biostatistician will assist in the planning, design, review, programming and implementation of special information systems activities.

### Essential Functions

#### Biostatistician II
- Assist in the design and maintain databases for storage and retrieval of research data. Write computer programs to combine data from separate computer files to allow comparison of data from different sources.
- Participate in the design, review, and updating of research protocols including developing objectives, design sampling, randomization, and data collection procedures.
- Support the creation of SAS/SPSS applications in support of research projects.
- Create project statements.
- Analyze data in collaboration with senior statisticians beginning with univariate and multivariate analyses such as logistic regression and factor analysis for research studies.
- Assume primary responsibility for the analysis and written presentation of project data at all stages, from collection to final presentation, for consistency and quality.
- Participate in the design of questionnaires and interview forms.

### Required Qualifications

#### Biostatistician II
- Master’s degree in Biostatistics, Statistics, Epidemiology, or equivalent experience.
- 0-1 year of health-related research experience (preferably in biostatistics or epidemiology) participating in project management and/or relevant experience in research and evaluation projects. This experience may be concurrent with satisfying degree requirements, but must include scientific research data analysis and database management.
- Strong working knowledge of SAS and working knowledge of other statistical packages (e.g., R, SPSS, M-Plus).
- Strong communication skills, both oral and written, necessary to interact with investigators, internal and external senior management, and project team members. Demonstrated ability to direct projects.

#### Biostatistician III
- Master’s degree in Biostatistics, Statistics, Epidemiology, or equivalent experience.
- 1-3 years health-related research experience (preferably in biostatistics or epidemiology) participating in project management and/or relevant experience in research and evaluation projects. Up to one year of this experience may be concurrent with satisfying degree requirements; but, must include scientific research data analysis and database management.
- Strong working knowledge of SAS and working knowledge of other statistical packages (e.g., R, SPSS, M-Plus).
- Strong communication skills, both oral and written, necessary to interact with investigators, internal and external senior management, and project team members. Demonstrated ability to direct projects.

#### Sr Biostatistician
- Master’s degree in Biostatistics, Statistics, Epidemiology, or equivalent experience.
- 3-5 years health-related research experience (preferably in biostatistics or epidemiology) participating in project management and/or relevant experience in research and evaluation projects. This experience may be concurrent with satisfying degree requirements; but, must include scientific research data analysis and database management.
- Strong working knowledge of SAS and working knowledge of other statistical packages (e.g., R, SPSS, M-Plus).
- Strong communication skills, both oral and written, necessary to interact with investigators, internal and external senior management, and project team members. Demonstrated ability to direct projects.

### FLSA Status
- Exempt

### Promotional Process
- Requisition
- Requisition or In-family Promotion from Biostatistician II
- Requisition or In-family Promotion from Biostatistician III