

**Research Scientist II (Food and Drug Sciences)**  
**Essential Task Rating Results**

| Task # | Task Statement  |
|--------|---|
| 1      | Plan, organize, and carry out scientific research studies of moderate scientific scope and complexity.  |
| 2      | May serve as a team member on public health and food safety projects and investigations within their program and act as a technical scientific consultant on a specific phase of a more complex scientific research study.                  |
| 3      | Make independent, difficult decisions in a specific scientific field using established guidelines and technical scientific procedures and adapt research methods to problems with limited scientific scope, and perform other related work. |
| 4      | Develop, research and validate special projects on microbiology, chemical composition, contamination investigations and food safety risk mitigation techniques.   |
| 5      | Evaluate and interpret scientific information, including statistical data, as related to program functions pertaining to the protection of public health and recommend program changes based on findings.                                   |
| 6      | Provide technical scientific expertise on the accreditation of laboratory programs and procedures as related to program functions pertaining to the protection of public health.  |
| 7      | Investigate foodborne illness outbreaks using scientific risk assessment procedures to identify the potential source(s) of contamination, and implement procedures to prevent future outbreaks of a similar nature.                         |
| 8      | Consult with other scientists, evaluate scientific data and recommend necessary control measures to minimize or eliminate adverse health outcomes.  |
| 9      | Apply professional scientific knowledge and administrative ability to assist the Branch in resolving a variety of technical issues related to public health protection as they arise.   |
| 10     | Advise Branch management on changing program and policy matters as they relate to public health.  |
| 11     | Prepare position papers and technical reports for Branch management.  |
| 12     | Assist in developing policy on a variety of issues related to public health protection.   |
| 13     | Serve as a technical scientific expert to Branch management on important matters related to program status, resources, improvements, and trends.  |
| 14     | Communicate effectively both orally and in writing with other Branch and Division staff on scientific research, principles and methods.   |
| 15     | Write technical reports, project summaries and other complex documents.   |

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| 16            | Communicate and cooperate in a professional manner with management, staff, and various county, state, and federal agencies using tact and interpersonal communication skills to establish and maintain effective working relationships. |
| 17            | Participate in meetings with local, state, federal and industry partners.   |
| 18            | Develop and conduct risk analysis related to public health protection.  |
| 19            | Perform analysis on proposed legislation that potentially affects the branch/division.  |
| 20            | Draft state regulations for program functions related to the protection of public health.   |