

Ohio University – Compensation 2014
Job Family: Research and Labs | Career Track: Individual Contributor

Provides support and expertise to the design, implementation, and evaluation of various research projects. Functions include providing technical and professional expertise to research projects such as research design and implementation; instrumentation; equipment development, maintenance, and management; statistical and data management; training and oversight regarding safe laboratory operations; supervision and training of students; and participation and authoring of research reports. LEVEL PROGRESSION ASSUMES INCLUSION OF RESPONSIBILITIES AT LOWER LEVELS.

	Individual Contributor I	Individual Contributor II	Individual Contributor III	Individual Contributor IV	Individual Contributor V
Accountabilities	None specified.	<p>PEOPLE Trains faculty and students in equipment operation and research techniques, explains and demonstrates technology and equipment capabilities, operations limitations, and outcomes.</p> <p>OPERATIONS Under general direction of faculty and/or senior research personnel, develops and performs research experiments and projects. Participates in formulating research methods and suggesting options for improving quality and recommending solutions.</p> <p>Participates in computer database design and utilization and research/data analysis, and suggests future improvements in data measurement. Analyzes data using various statistical/visualization/modeling methods.</p> <p>Determines interview and focus group procedures and conducts interviews and focus groups. Works independently on collection of data and analyzes research results. Prepares reports and drafts manuscripts. Oversees day-to-day operation of project. Schedules and maintains records of equipment/facility.</p> <p>May assemble, test, calibrate, clean or make minor repairs to equipment. May be responsible for the operation of a specialized laboratory or research area within a department and/or field work, and related data analysis for a research project.</p> <p>BUDGET May manage a budget for a laboratory.</p>	<p>PEOPLE Directs other research support staff and/or students in the design, implementation, and maintenance of applications to support the collection, processing, and reporting of research data.</p> <p>Designs and conducts training sessions internal or external to the University.</p> <p>OPERATIONS Serves as project leader for research projects.</p> <p>Performs qualitative and quantitative analysis of data collected from research projects including interview, focus group, survey, and laboratory or field data. Performs highly complex laboratory experiments independently.</p> <p>Coordinates lab and field research activities between faculty and contractors. Provides independent consultation with investigators, scientists, or graduate students. Designs research plans including study design, statistical power and sample size parameters, statistical analysis plan, recruitment and randomization schemes, and budget estimates for statistical aspects of research studies.</p> <p>Develops data collection instruments and establishes processes to ensure quality results.</p> <p>Collaborates with investigators by reviewing and editing protocols to ensure completeness and consistency.</p> <p>Conducts research site visits and data audits to assess adherence to protocol procedures and appropriate data collection practices.</p> <p>Communicates statistical results and their interpretation to investigators. Writes analysis sections for research protocols and manuscripts.</p> <p>Prepares written reports and project summaries for project sponsors. Presents research findings to project sponsors and stakeholders.</p> <p>May teach research-related courses.</p> <p>BUDGET May manage a laboratory or specific parts of a research budget.</p>	<p>PEOPLE Oversees day-to-day operation of research project and may supervise exempt and non-exempt research and support personnel.</p> <p>OPERATIONS Responsible for operation of a specialized research area or laboratory with one or more faculty members within a department.</p> <p>Operates with considerable latitude in un-reviewed actions or decisions. May act as liaison with other departments, divisions, or organizations.</p> <p>Develops, designs, and conducts one or more small or moderately complex research projects or experiments.</p> <p>Formulates research methods and suggests options for improving quality, identifies potential problems, recommends and implements solutions, and collaborates in the development of new techniques. Develops protocol and criteria; determines interview procedures and approves protocols; may also design intervention protocols.</p> <p>Participates in securing external funding from various government and industry sources. Co-authors publications and may co-present results with principal investigator at meetings and/or conferences.</p> <p>BUDGET Develops budget and provides oversight and control over specific parts of the research project budget.</p>	<p>PEOPLE Oversees a complex research project.</p> <p>OPERATIONS Conducts significant original research or serves as a senior collaborator on a multi-scholar research initiative, typically leading substantive aspects of the overall project under the general guidance of a principal researcher.</p> <p>Assumes project/program management. Develops program outlines.</p> <p>Directs the application of theory to obtain practical solutions. Responsible for the theoretical integrity of research projects.</p> <p>Leads/participates in critiques and planning activities to define project objectives/products, work statements, and resource requirements as a basis of budget/cost estimates.</p> <p>Presents research results at national/international conferences, meetings, and workshops; publishes research results in journals.</p> <p>BUDGET Develops and provides oversight and control for a large part of a research project budget.</p>

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Requirements		Advanced knowledge and expertise in concepts, principles, and practices of a specific discipline as well as research protocols typically obtained through a Bachelor's degree in specific discipline and 1 to 3 years of related research experience. An equivalent combination of education, training, and experience is acceptable in lieu of the minimum education requirements. Specific knowledge, certifications, and licensure will apply at the position level.	Seasoned knowledge and expertise in concepts, principles, and practices of research design and protocols within a specific discipline typically obtained through a Master's degree in specific discipline and 2 to 3 years of related research experience. An equivalent combination of education, training, and experience is acceptable in lieu of the minimum education requirements. Specific knowledge, certifications, and licensure will apply at the position level.	Expert knowledge and expertise in theories, concepts, and principles of research design and protocols within a specific discipline obtained through a Master's degree in specific discipline and 4 to 5 years of related research experience. An equivalent combination of education, training, and experience is acceptable in lieu of the minimum education requirements. Specific knowledge, certifications, and licensure will apply at the position level.	Pre-eminent knowledge and expertise in theories, concepts, and principles of research design and protocols within a specific discipline obtained through a Master's degree in specific discipline and more than 5 years of related research experience. An equivalent combination of education, training, and experience is acceptable in lieu of the minimum education requirements. Specific knowledge, certifications, and licensure will apply at the position level.

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