Job Description

Job Title: Research Forensic Scientist
Job ID: 15337
Location: RTP, NC  27709

Full/Part Time: Regular
Regular/Temporary: Regular

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Job Description

Perform forensic science research tasks, applying standard and established theories, concepts, and techniques, while occasionally employing innovative approaches.

- Perform research, development, testing, and evaluation (RDT&E) tasks, applying standard and established theories, concepts, and techniques, while employing innovative approaches.
- Research, execute and interpret methodology and technology applications for analytical testing.
- Design projects in a strategic manner that leverages and extends the collective knowledge of the team and their respective analytical skills.
- Oversee independent and collaborative technology assessments, evaluations, and validations.
- Develop guidelines for laboratory processes, technology adoptions, implementation, and system integration.
- Facilitate collaborations between university programs, state/federal agencies, and the private sector.
- Assist with researching and characterizing technologies and laboratory efficiencies to assess, practicality, ease of adoption and implementation, and other components of technology transitioning.
- Perform research and technology assessments and evaluations in the area of forensic sciences and forensic toxicology for federal agencies, commercial clients, as well as other RTI centers and clients.
- Apply and interpret standard scientific theories, concepts and techniques.
- Search literature, review experimental test results, analyze and summarize data.
- Develop preliminary findings for review by more experienced researchers and managers.
- Develop solutions to problems where established theories and techniques can be identified and some precedents exist using familiar processes to complete work assignments.
- Devise and implement appropriate control measures to ensure project is proceeding according to regulatory compliance, client expectations, budget and schedule. Anticipate problems before they arise, assess potential risk, and develop contingency plans.
- Proactively participate in project reviews.
- Communicate regularly with RTI Managers and Project Directors, keeping them informed of progress and any issues or problems that arise.
- Participate in internal and external audits, as needed.
- Maintain a strong customer focus and explore opportunities for innovation (i.e. exploring/evaluating existing and new technologies) in day-to-day activities.
- Gather background information and other documentation to support proposals and assist with proposal writing.
- Provide input in the design of technology evaluations.
- Gather background information and other documentation to support marketing and business development activities.
- Assist project leaders in identifying ways to enhance or expand existing projects and to
develop new project opportunities.
- Participate in presentations by contributing to the development of the application/methodology/technology and assisting with the preparation of the presentation,
- Direct and participate in preparing and orally presenting research results and deliverables to clients or at professional society meetings in a clear concise manner.
- Prepare reports that demonstrate organization, clarity, completeness and proper format.
- Coordinate dissemination events, including workshops, symposia, conferences, and demonstrations.
- Other relevant duties as agreed by RTI management.

Qualifications

Bachelor’s degree and 4 years’ related experience in a natural (biological or chemical) science; or equivalent combination of education and experience

- Working knowledge of MS Word, Outlook, PowerPoint, Excel.
- Ability to multi-task.
- Ability to listen and communicate well both verbally and in writing.
- Ability to work independently and as a team member.
- Attention to detail and accuracy.
- Ability to obtain proper security clearances as noted by contracts.
- Ability to demonstrate excellent interpersonal, communication, judgment, and discretion in daily tasks.
- Ability to demonstrate organizational problem analysis and problem solving skills.
- Ability to demonstrate high motivation and self-direction.
- Knowledgeable in criminal justice and forensic laboratory processes.
- Knowledgeable in the operation of field and laboratory equipment (Mass spectrometry, Raman spectroscopy)

About RTI

RTI International is one of the world’s leading research institutes, dedicated to improving the human condition by turning knowledge into practice. Our staff of more than 3,700 provides research and technical services to governments and businesses in more than 75 countries in the areas of health and pharmaceuticals, education and training, surveys and statistics, advanced technology, international development, economic and social policy, energy and the environment, and laboratory testing and chemical analysis.

Equal Opportunity Employer

We are proud to be an equal opportunity employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, national origin, disability status, protected veteran status, or any other characteristic protected by law.

Closing Statement

RTI participates in the US Government E-Verify program. Further information regarding the E-Verify program and laws that are designed to protect you against discrimination relating to your legal right to work in the US can be found at www.rti.org/jobs

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