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## CURRENT CAREER OPPORTUNITIES

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Updated 20 August 2008

Are you looking for a career and not just a job? Look to McLaughlin Research Corporation (MRC). This year, we'll be celebrating 60 years of excellence. We thank our employees for this and we're waiting for YOU to join our team of professionals. McLaughlin Research Corporation is currently recruiting for the following positions. ALL POSITIONS REQUIRE that you be a U.S Citizen, and that you either have, or be eligible for, a U.S. Department of Defense Security Clearance. Current or previous clearances preferred.

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### POSITIONS AT OUR MIDDLETOWN, RI LOCATION

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**ADMINISTRATIVE SUPPORT:** Immediate full-time positions for individuals to provide administrative support in a Department of Defense (DoD) Environment. Must have experience and MS office knowledge, including Word, Excel, Power Point and Access. Certifications in MS office a plus.

**ADMINISTRATIVE W/ MILITARY MESSAGING EXPERINCE:** Immediate full-time positions for individuals to provide administrative support in a Department of Defense (DoD) Environment. Applicants MUST HAVE previous experience with receiving and interpreting military messages. 4 years of experience is preferred. Must have experience and MS office knowledge, including Word, Excel, Power Point and Access. Certifications in MS office a plus.

**ELECTRICAL ENGINEER:** Immediate opening for an Electrical Engineer to assist with design and redesign of torpedo test sets. No previous experience required provided the applicant has a BSEE, and experience with analysis software such as Spice, Labview, etc. Digital Signal processing a plus.

**ENVIRONMENTAL COMPLIANCE SPECIALIST:** Successful candidate will join an interdisciplinary team of environmental engineers and scientists to provide technical support at a Navy facility. Candidate will support the development, implementation and on-going analysis of environmental programs designed to monitor air and water quality, compliance issues, hazardous waste management, and spill response. Candidate will conduct wastewater and potable water sampling, coordinate laboratory analysis and appropriate paperwork, prepare reports to interpret laboratory results and write specifications for regulatory compliance, complete wastewater process permit applications. Candidate will handle hazardous and universal waste classification, manifesting and disposal requirements, including treatment standards and technologies. As a member of the spill response team candidate will be required to assist in responding to spill emergencies, also assist in compliance evaluations and inspections of waste generating facilities and processes. Additional responsibilities include management of the 90-day hazardous waste storage facility, inspection of hazardous waste Satellite Accumulation Areas, evaluation and implementation of P2 practices including waste reduction and utilization of environmentally preferable alternatives, and overall support for a broad spectrum of regulatory compliance (local, state, and federal environmental protection laws and regulations) for the facility. **Education:** BS in Environmental Engineering, Environmental Science or related field required. Three to five years direct experience required. Hazardous waste management training, 40 hour Hazardous Waste Operations and Emergency Response (HAZWOPER) training or 24 hour Emergency Response Training and Department of Transportation (DOT) training relating to hazardous materials and hazardous waste required. **Required Skills:** Experience independently classifying and profiling Federal and State hazardous wastes in accordance with Resource Conservation and Recovery Act (RCRA) and Rhode Island Department of Environmental Management (RIDEM) regulations; experience completing and reviewing Uniform Hazardous Waste Manifests. Experience collecting wastewater, potable water and hazardous waste samples ensuring correct volume and preservatives for analyses and mandatory specifications including EPA Method guidelines. Proficient communication skills including oral, written, and electronic correspondence. Ability to effectively utilize office applications (e.g. Microsoft Word, PowerPoint, Excel, etc.) Interpersonal skills are absolutely necessary. Candidate must be eligible for Department of Defense secret security clearance and have a valid driver's license. **Preferred Skills:** OSHA Respiratory Protection Training. Forklift certification. Asbestos inspector training. Comprehensive knowledge of ISO 14001 Environmental Management System. Familiarity with New York, Connecticut and Florida environmental regulations. **APPLICANTS SHOULD PROVIDE AT LEAST 3 REFERENCES**

**ENVIRONMENTAL SUPPORT:** MRC is in the planning stages for staffing up to meet support requirements within the environmental group at the Naval Undersea Warfare Center and also looking at expansion in the Washington DC area. The primary function of these positions is to ensure the successful support of all environmental task orders. Experience in the scientific community with an emphasis on environmental planning and marine sciences are required. Candidates should address their background demonstrating: knowledge of marine and environmental science and how principals are applied to assess potential environmental impacts of Navy at-sea testing and training; knowledge of National Environmental Policy Act (NEPA), Executive Order 12114, Marine Mammal Protection Act (MMPA), Endangered Species Act (ESA), Coastal Zone Management Act (CZMA), Fisheries Expertise and associated policy applicable to testing at-sea; ability to conduct research of applicable technical documents; ability to analyze complex technical problems using the best available science; ability to provide quality service while working in a team environment and managing multiple tasks; ability to establish and maintain effective working relationships, internal and external to the organization; and ability to communicate effectively both orally and in writing. For some positions, day-to-day activities may also include the following: supervise the performance of on-site staff; provide technical assistance and guidance as necessary; facilitate the completion of deliverables associated with Delivery Orders; prepare monthly technical progress reports as required for each Task Order and submit them for review and delivery to the customer; prepare financial status reports; develop position announcements for vacancies (new positions or vacancies due to attrition). Route announcements through Human Resources for posting; facilitate sub-contracted support as required; and other duties as tasking requirements dictate. BS in Environmental Sciences required, MS in Environmental Sciences Preferred.

**INFORMATION ASSURANCE ANALYST:** Responsibilities for this position will be as follows: Provide Information Assurance administrative and technical support to the Department of Defense (DoD) in Newport, RI. Perform compliance reviews to ensure IA security measures are in place and maintained. Assist with the creation and maintenance of System Security Authorization Agreements (SSAAs) in support of the DoD Information Technology Security Certification and Accreditation Process (DITSCAP) and DoD Information Assurance Certification and Accreditation Process (DIACAP). Develop and deploy plans of action to comply with, and respond to, DoD Tasking Orders. Interpret NAVSEA Policies, Instructions and Orders to determine applicability to Navy Command. Should have familiarity with DoD publications 8500.1 and 8500.2 as well as the DITSCAP and DIACAP processes.

**MARINE SCIENTIST:** Successful candidate will join an interdisciplinary team of marine biologists and environmental planners to provide technical expertise in support of Navy at-sea environmental planning projects. Candidate will support development of NEPA, MMPA, ESA, or other policy-driven projects. Successful candidate will have a strong background in marine science, with demonstrated experience supporting or leading projects involving assessment of effects to marine species. Candidate will be required to communicate with staff scientists and engineers, government personnel, and academic researchers and independently prepare and provide timelines, briefs, and presentations to sponsors. Candidate will also travel to and participate in scientific and industry-specific conferences. **Required Skills:** Minimum 3 years supporting marine science or environmental planning projects. Initiative; willingness to meet deadlines and adhere to schedules; experience multi-tasking and managing multiple, simultaneous, and diverse projects; ability to take ownership and accountability for a project and follow through to ensure completion of tasks. Successful candidate will be motivated and eager to address complex environmental issues involving biological, physical, and acoustic oceanography. Efficient computer skills for writing and reviewing documents are also necessary. Effective communication and interpersonal skills are absolutely necessary. **Preferred Skills:** Experience applying the NEPA process to Navy environmental planning projects. Experience with ESRI ArcGIS (9.x), EndNote and familiarity with Federal environmental law is highly preferred. **Education:** BS/BA (M.S. or advanced degree preferred) in marine science, oceanography, environmental science, or related field. Send resume, writing sample, and contact information for at least 3 professional/academic references.

**MATERIAL HANDLER POSITION:** Perform supply room duties ordering, tracking and issuing supplies. Processes and coordinates the disposal of hazardous materials. Processes and coordinates the survey and disposal of laboratory equipment no longer needed. Processes and coordinates the Laboratory's test equipment calibration program. Conducts safety checks including eye wash station inspections and crane inspections. Provides assistance in the areas of (1) testing, maintenance, and repair of torpedo MK 48 and ADAP assets and component test equipment; (2) removal and installing torpedo components associated with various torpedo sections on rails in the ATE; and (3) torpedo section configuration setups including the required connection/cabling functions. Internal control functions such as (1) reviewing, processing, and maintaining TMIS Reports; (2) reviewing, processing, tracking and maintaining RPR's; (3) perform monthly test equipment seals audit; (4) maintaining Bldg 115 Technical Manuals, tracking pubs and entering official changes and revisions.

**TECHNICAL ANALYST:** Immediate opening – great opportunity for a new grad with computer science degree. Individual will analyze and interpret test data from weapons systems. BS in Math or Computer Science required. Applicants should have excellent math skills, communication skills, and a working knowledge of Microsoft Office Suite.

**TECHNICIANS:** We are anticipating openings for individuals to perform radio room testing support in support of the Department of Defense (DoD) in Newport, RI. The ideal candidates are individuals with a Navy communications background, preferably individuals who were submarine radiomen in the service.

**ON-CALL DRAFTERS AND DESIGNERS:** To fill in during peak workloads. Must have AutoCAD CoCreate or SolidWorks experience. U.S. citizenship and eligibility for a US security clearance required. Individuals will not be benefit eligible. U.S. citizenship and eligibility for a U.S. Department of Defense Security Clearance required.

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### POSITIONS AT OUR LEXINGTON, MA LOCATION

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**ANTENNA DESIGN ENGINEER:** BS or MS in Electrical Engineering with experience in microwave and millimeter wave antenna measurement and design. Will assist in the development and characterization of advanced antenna systems for on-the-move communications. This position will offer the interested candidate an opportunity to be involved in the antenna design process, from computer aided design and software development, to fabrication and testing of prototypes. Candidate will also have the opportunity to explore concepts in antenna pointing and control including system level trade-offs. Experience with network analyzer and microwave antenna measurements is required. Experience with software CAD packages, such as AutoCAD, HFSS, and ADS is highly desired as is the ability to program in C/C++ and Matlab.

**DSP CODE DEVELOPER:** An electrical engineer with digital signal processing focus is required to develop software/firmware for commercial DSP chips embedded in custom digital board designs. The software/firmware is used to generate, format, and demodulate advanced digital communication waveforms. The candidate must possess a thorough understanding, coupled with demonstrated previous experience, of hard real-time, interrupt driven, applications in multi-processor configurations. Experience with coding VLIW processors is desired. In addition to DSP coding ability, the candidate needs to have the ability to translate waveform descriptions and communication protocols into executable DSP code. BSEE (or equivalent) required, as well as a minimum of 2 years previous DSP coding experience. The DSP coding experience should be with current generation products from one or more of the major vendors, e.g., Analog Devices, Texas Instruments, or Motorola.

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### POSITIONS AT OUR KEYPORT, WASHINGTON LOCATION (no openings at this time)

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### POSITIONS AT OUR WASHINGTON, DC LOCATION

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**ENVIRONMENTAL SUPPORT:** MRC is in the planning stages for staffing up to meet support requirements within the environmental group at the Naval Undersea Warfare Center and also looking at expansion in the Washington DC area. The primary function of these positions is to ensure the successful support of all environmental task orders. Experience in the scientific community with an emphasis on environmental planning and marine sciences are required. Candidates should address their background demonstrating: knowledge of marine and environmental science and how principals are applied to assess potential environmental impacts of Navy at-sea testing and training; knowledge of National Environmental Policy Act (NEPA), Executive Order 12114, Marine Mammal Protection Act (MMPA), Endangered Species Act (ESA), Coastal Zone Management Act (CZMA), Fisheries Expertise and associated policy applicable to testing at-sea; ability to conduct research of applicable technical documents; ability to analyze complex technical problems using the best available science; ability to provide quality service while working in a team environment and managing multiple tasks; ability to establish and maintain effective working relationships, internal and external to the organization; and ability to communicate effectively both orally and in writing. For some positions, day-to-day activities may also include the following: supervise the performance of on-site staff; provide technical assistance and guidance as necessary; facilitate the completion of deliverables associated with Delivery Orders; prepare monthly technical progress reports as required for each Task Order and submit them for review

and delivery to the customer; prepare financial status reports; develop position announcements for vacancies (new positions or vacancies due to attrition). Route announcements through Human Resources for posting; facilitate sub-contracted support as required; and other duties as tasking requirements dictate. BS in Environmental Sciences required, MS in Environmental Sciences Preferred.

**ENVIRONMENTAL TECHNICIAN:** Responsibilities include but are not limited to the following: Review waste chemical composition and physical characteristics from Waste Generation Report to assign Waste Identification Tracking (WIT), from Material Safety Data Sheets (MSDS) and Code of Federal Regulations and assign Material Identification Tracking (MIT); Identify chemicals from MSDS that can not be designated as waste listed in the Part A Permit; Perform designation of all new MITs/WITs in hazardous waste inventory, and attach the appropriate Profile; Identify new chemicals by Chemical Abstracts Service (CAS) registry number from MSDS and EPS, State DOE regulations and add to chemical library database; Review results of random sampling of Hazardous Waste (HW) pick-ups; Perform review of all regulatory listed chemicals and chemicals contained in HW/HM at Keyport and update database chemical regulatory flags; Analyze water stream chemical composition and physical characteristics from MSDS; and perform designation of new hazardous waste inventory and create waste identification waste profile, and assign Dangerous Waste Numbers (DWNs). Familiarity with federal and state environmental laws and Part 49 Code of Federal Regulations with regards to receiving, processing, storage and shipping of hazardous waste; also with preparing shipping manifests for Hazardous Waste; and the ability to work independently with good communication skills is required. A strong knowledge of all MS Office suite. A chemical BS or at least 6 years experience in environmental technical chemical lab work or related technical field with a strong chemical background is also required. HAZWOPER, Hazardous Waste Operations Training and HW shipping certifications is desirable.

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**POSITIONS AT OUR NEW LONDON, CT LOCATION (no openings at this time)**

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**POSITIONS AT OUR SAN DIEGO, CA LOCATION (no openings at this time)**

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We offer a competitive wage and benefit package. Qualified applicants should e-mail their resume, along with their wage requirements to:

**JCAMPBELL@MRCDS.COM**

An application may be downloaded from our web site and e-mailed to the above address.

**PLEASE NOTE:** Current MRC employees interested in applying for any job opening(s) should notify Kelly Patricio at [kpatricio@mrcds.com](mailto:kpatricio@mrcds.com).