



Title: Research Chemist

CTG Division: Ransohoff

CTG Location: Cincinnati, OH

Job Description: Conducts research, analysis, and experimentation to develop green products and protocols for the efficient cleaning of industrial parts in the metal working and forming sectors, and for the separation and filtration of the associated wastes. Researches and evaluates new physicochemical separation procedures for the recovery of industrial cleaners, minimization of waste and water and energy consumption. Will use knowledge of ultrafiltration, nano filtration, and microfiltration polymeric, ceramic, and metallic membranes; chemical processes and chemicals, including gravimetric, and electrostatic separation of emulsions, red-ox controlling formulas, microbiocides, and other specialty chemicals for the oxidation of microorganisms, water clarification polymers, and knowledge of analytical techniques, such as UV-VIS, FTIR, EDS, and polymerase chain reaction, confocal laser scanning, microscopy, and ribosomal RNA databases.

Education Requirements: MS in Chemical Engineering w/proven research ability in the field of biofilms and mass and heat transport phenomena as evidenced by research publications.

CTG Contact for More Info:

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