



CORMETECH

Sr. Development Engineer

\$500 Signing Bonus

SUMMARY OF POSITION

We are looking for a full time Sr. Development Engineer for our Durham, NC facility.

Members of the RD&E Staff at CORMETECH are engineers and scientists with a passion for innovating to meet clients' needs and grow company profitability, and have diverse backgrounds in chemical, materials, and ceramic engineering, as well as chemistry and other scientific disciplines. The Staff's primary mission is to lead the innovation programs required to meet the company's vision of growth and provide solutions for our clients, through pursuit of applied research and development, with a deep understanding of engineering and scientific fundamentals.

Program activities for RD&E Staff include the development of new products and processes and the improvement of existing products and processes (from ideation and screening through to commercial launch), product testing, characterization and modeling, the design and build of new test and process equipment, the setting of product and manufacturing process specifications, failure mode and root cause analysis studies, and applications development. Throughout program execution, Development Staff collaborate closely with other stakeholder Departments (Sales, Design Engineering, Production, Procurement, Finance, Quality, Sr. Management, and customers) to ensure that their work efforts have maximum positive impact towards achieving CORMETECH's Mission to "deliver innovative products and services that improve air quality and maximize stakeholder value".

RD&E Staff members' areas of expertise include ceramic processing (batch mixing, extrusion, drying, calcining), chemical activations, product and process development, catalysis, adsorption, material characterization, activity testing, transport phenomena, thermodynamics, kinetic modeling, process modeling, and reactor/system modeling.

Currently, we are expanding our team, and are hiring a full-time, permanent RD&E Staff member position at the Sr. Development Engineer level.

WHO WE ARE

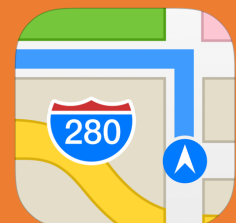
Cormetech is the world's leader in environmental technology. We help customers reduce their release of air pollutants and improve the environment. Protecting our environment for future generations has been important to us since our inception.

BENEFITS OF OUR WORK

Our focus is to ensure our environment is full of clean, unpolluted air. Not only are we responsible for 65% of the pollution reduction in our air since our inception, our manufacturing methods of regeneration and recycling have eliminated 6.5 million cubic feet of landfill. Our drive to improve the environment does not end there, we are continually innovating and seeking ways to improve air, land, and water quality.

LOCATION

Click [HERE](#) to see where we're located and what's around us!



WHAT YOU WILL BE DOING

- Contribute significantly to achieving CORMETECH's vision and mission.
- Develop individual objectives with department leadership and stakeholders, in the context of CORMETECH's vision, strategy, and vital initiatives.
- Develop plans to meet objectives, working with department leadership and stakeholders, including measures of success, deliverables, tasks, and timelines.
- Assure that safety and environmental stewardship are key considerations in the execution of the established objectives.
- Execute plans; complete deliverables and meet success measures, in a timely fashion.
- Manage by prevention. Assess risks and develop mitigation strategies to help reduce errors and meet expectations for the deliverables.
- Communicate status of objectives to department leadership and stakeholders, identifying issues as they occur and associated recommendations to resolve them.
- Innovate: continuously improve what we do and how we do it. Promote teamwork to best utilize resources and maintain a positive work environment.

Additional Duties:

- Other duties and / or special projects as assigned.
- Some travel may be required ($\leq 10\%$).

A successful candidate must have:

- Bachelor's degree in chemical engineering or equivalent.
- Three or more years of catalyst engineering experience with a catalyst manufacturer, or an advanced degree with graduate work focused on applied catalysis.
- Practical experience with reaction kinetic modeling & advanced mathematical modeling software.
- Strong knowledge in and experience with statistical methods.
- Strong initiative, self-motivated individual.
- Strong safety focus.
- Work 180 days to receive signing bonus.

Preferred Qualifications:

- PhD in Chemical Engineering with focus on catalysis and sorbents.
- Experience with environmental catalysis.
- Practical experience with lab reactors and characterization methods.

Cormetech, Inc. is an Equal Opportunity Employer. The success of Cormetech depends upon attracting, retaining, developing, and promoting the most qualified people regardless of race, color, sex, age, religion, national origin, sexual orientation, gender identity, disability, or veteran's status.

THE GOODS

- ✓ Eligible for benefits on DAY ONE
- ✓ Multiple health plan options
- ✓ Vision and dental plans for you & your dependents
- ✓ 401(k) with Company Match
- ✓ Annual Goal Sharing Bonus
- ✓ Lucrative Paid Time Off
- ✓ Education Reimbursement
- ✓ Company paid Life Insurance
- ✓ Internal Promotion Opportunities
- ✓ Employee Assistance Program