



JOB DESCRIPTION

Job Title: Team Leader (Materials Science Research & Development)

Group: Materials Science

Salary Band: Attractive

SUMMARY OF THE ROLE

This role provides leadership for CCDC's Materials Science Research & Development and its team of scientists. CCDC has a role for a talented individual to lead CCDC's growing materials sciences team and help coordinate and advance a range of scientific projects. The candidate would lead an existing team of research scientists, building on a previous strong track record of delivery of science, software, consultancy services and training for the existing CSD-Materials user base. Specifically, the team under the candidate's guidance will be responsible for maintaining key scientific partnerships within the Pharmaceutical, Agrochemical and Petrochemical development sectors & academia worldwide and, in so doing, informing the production and execution of the CSD-Materials development roadmap.

Additionally, the candidate would be responsible, with the team, for maximising the value of the CSD through delivery of cutting edge research in the field of knowledge based Materials Science.

The successful candidate would be a member of the Operational Management Team at CCDC integrating the Materials Science vision within the overall CCDC strategic framework.

MAIN DUTIES AND RESPONSIBILITIES

- Lead a team of scientists, developing and executing the CCDC's Materials Science strategy.
- Provide expert input into the development of CSD-Materials that helps address the needs of the industrial and academic user base.



- Ensure organisational awareness of key developments and opportunities in the Materials Sciences area.
- As a member of the Operational Management Team at CCDC, integrate the Materials Science vision within the overall CCDC strategic framework.
- Regularly liaise with other functions of the CCDC to ensure optimal delivery against projects, and customers needs.
- Management of relationships with key partners, particularly in the Pharmaceutical and Agrochemical development sectors, via the CCDC's Crystal Form Consortium, ADDoPT and other direct 1 to 1 partnerships. This would include arrangement of CSD System training, bespoke consultancy in solid form analysis and joint research projects.
- Build and maintain user communications with customers to allow alignment of Materials Science R&D with the needs of the customer.
- Communicate feedback and agree Materials Science direction within the CCDC Product Management framework.
- Maintain the CCDC's strong place in the Materials Science research community worldwide.
- Facilitate the presentation of new research and development, and present, at conferences and publish high quality research papers in the field of Crystallography and Materials Science.

Candidate Profile

- Higher university degree in chemistry, biochemistry, physics or pharmacy (PhD, DPhil.) or equivalent.
- At least 5 years of working experience in pharmaceutical or agrochemical development sector or industrial materials development, with a proven track record in the application of structural data to solve product development challenges.
- Successful and significant experience of leading and managing a team, including the support and development of staff.
- Good working knowledge of current software tools for materials science prediction and modelling ideally with a focus on CSD knowledge-based approaches.
- Excellent strategic and communication skills: Ability to think analytically, to formulate succinctly, to present clearly and to develop and maintain a strategic view. Project management skills to manage multiple projects.
- An understanding of the commercial application of materials science and structural chemistry and how this is evolving.
- Ability to translate and negotiate between users and developers of software tools.
- Ability to self-organise and prioritise effectively.