**Title: Sr. Technology Developer Ti02**

Description:

The Developer will work to develop graphene enhanced titanium dioxide materials that are commercially viable for the photoactive markets.

Duties:

1. NanoPhyll lead in research and development;
2. Solid knowledge of polymers and coatings;
3. Experience in anti-microbial and anti-viral materials;
4. Understand the properties of nanomaterials (i.e.:. graphene flake size, edge-activation, purity) and its relationship to TiO2;
5. Identify investigative efforts to meet client and company needs;
6. Identify laboratory equipment and materials required;
7. Coordinator with outside contractors (Industrial, Institutional);
8. Work with senior management to define technical challenges, directions, projects and success criteria;
9. Present a technical roadmap regularly to senior management;
10. Work with others to provide technical detail for funding opportunities;
11. Provide daily timesheets;
12. Reports to CEO.

Essential Criteria:

1. Able to communicate technically in English to clients.
2. MSc or PHD in Chemistry, Chemical Engineering or Material Physics within the past 5 years
3. Knowledge of material characterization (FTIR, Raman)
4. Be legally entitled to work according to relevant provincial legislation and regulations
5. Able to work in a team and take direction.
6. Able to work with outside contributors.

Desirable Criteria

1. Knowledge (paper) of photoactive TiO2
2. Knowledge (paper) of nano-materials
3. Knowledge (paper) of graphene (non-CVD)
4. Knowledge (paper) of coatings
5. Valid passport and capability to travel to the US and across Canada.
6. Relationships established in the University community.
7. Able to provide self-direction on problem solving.

Please send your résumé to: [Info@nanophyll.com](mailto:Info@nanophyll.com)

Nanophyll is an equal opportunity employer and we reserve the right to keep your documentation in our files on a strictly confidential basis.