Description:

Nano Hydrophobics, Inc. ("Nano") is an early-stage venture, based in San Francisco, conducting energy-efficiency research at the Molecular Foundry at Lawrence Berkeley National Laboratory. Nano was founded in late 2011, and began research on nano-scale coatings, which can prevent or retard fouling, which has been described as "the major unresolved problem of heat transfer." Industrial fouling-caused energy consumption is estimated to be about 1% of annual US thermal energy consumption. Nano's research focus is on preventing fouling in water-cooled industrial heat exchangers, condensers, chillers, and cooling towers. Last year, Nano received an Energy Innovation Research Grant from the California Energy Commission (CEC) and recently was awarded a NSF SBIR Phase I grant. The Company has a capital-efficient business model, recognized industry partners, a clear path to market, defendable IP, and a research partnership with another federal laboratory.

Nano Hydrophobics seeks a Senior Research Scientist to lead the Company's research efforts and to fill the role of Principal Investigator (PI) for the Company's NSF SBIR research grant which commences January 1, 2015. The position includes a salary and a substantial equity interest in the Company.

Requirements:

- Must hold U.S. citizenship;
- Ph.D. in Chemistry, Polymer Engineering, Polymer Science;
- Background in polymer thin film technology including the preparation, application and bonding of thin films preferably those at a nano scale;
- Knowledge and experience in hydrophobic polymer thin films including fluoro polymer films;
- Recognition in the field of thin film polymer technology by peers;
- Has been a key player in the commercial development of thin film polymer products;
- Can become an articulate spokesperson for the Company's technology;
- Has a substantial network of connections in the field and can be a source of additional technical talent;
- Has demonstrated the ability and desire to work as part of a team;
- Has a record of publications in the field.

Contact:

Peter Boyd, phboyd0714@gmail.com