From: Nicholas Meyler <nmeyler10@gmail.com>
Subject: **Search for Analytical Carbon Colloid Chemist in Boston**
Date: February 19, 2010 7:29:11 PM EST
To: undisclosed-recipients: ;

Attention Chemists and Materials Scientists:

New Search for Senior Characterization Scientist (Semiconductors/Nanotechnology/Chemical Engineering)

COMPANY:

My client is a nanotechnology company using carbon nanotubes for the development of next-generation semiconductor devices. These devices include memory, logic, and other semiconductor products. In the field of memory, they are developing NVRAM, a high-density nonvolatile Random Access Memory. The company's objective is to deliver a product that will replace all existing forms of memory, such as DRAM, SRAM and flash memory, with NVRAM serving as universal memory. The potential applications for the nonvolatile memory being developed are extensive and include the ability to enable instant-on computers and to replace the memory in devices such as cell phones, MP3 players, digital cameras, and PDAs, as well as applications in the networking arena. NVRAM can be manufactured for both standalone and embedded memory applications. The company is a successful, stable, and growing company that is a leader in the field of nanotechnology.

JOB DESCRIPTION:

Analytical Scientist with 3-5 years experience developing methods for the characterization of colloidal solutions of nanoparticles. Will be an integral part of our new product development effort to create new carbon nanotube and other nanoparticle based products. Support will be for our new materials discovery efforts, as well as for engineering process development. This will require the establishment of known , fundamental analytical tools and procedures for characterizing colloidal nanotube products, as well as developing new methods, where required, to characterize complex formulations. The incumbent will also be responsible for driving good analytical protocols for QC and QA methods, and to support the creation of statistically designed experiments, along with the organization and interpretation of the analytical results. Experience in new product development with colloidal systems and/or liquid carbon formulations is highly desirable. Experience in specifying new equipment, designing an analytical laboratory for colloidal fluid characterization and setting up data handling systems also a plus.

The successful candidate will be central in building an analytical organization to support the R&D and Process Design Engineering efforts in a start up environment. We are looking for an innovative builder. This is a technical, "hands on" position, and requires working collaboratively with the rest of the development organization. The successful candidate will have the creative energy, ingenuity and enthusiasm to successfully meet the materials development challenges.

REQUIRED QUALIFICATIONS:

a. Colloidal systems stability and characterization: Developed dispersion techniques, conducted particle size analysis using light scattering and imaging techniques, using Horiba and Malvern particle size analyzers. Familiar with Zeta potential determination of colloids and the iso-electric point by auto titration methods.

b. Liquid carbon formulations properties and characterization experience

c. Developed and maintained a characterization data base for new material formulations and process development activities. Development of specification sheets that give information on the stability, shelf life, and performance properties.

d. Direct experience with statistically designed experiments, SPC, creation of SOP's.

e. "Hands on" familiarity with equipment used to characterize nanomaterials in dispersions, colloids, thin films. Experience with TEM, SEM, Light Scattering (Horiba), FPIA (Malvern), Zeta Potential (Malvern), sedimentation tests, Spectroscopy, e.g., FTIR, Raman; Thermo gravimetric, e.g. TGA, DSC

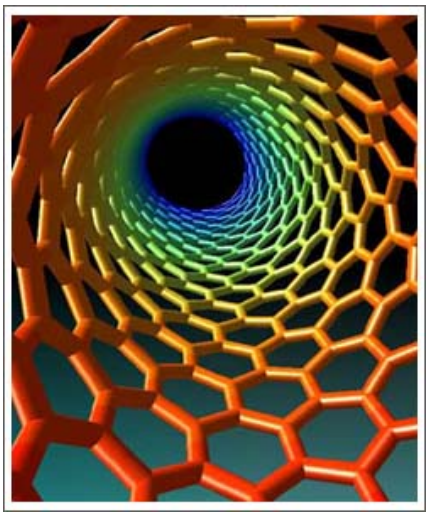
f. Education: PhD required in any of the following: analytical chemist, colloid scientist, physical chemist. Post PhD has more than 5 years experience in an industrial setting with focus on chemical analysis, analytical and QC method development, support of product development and validation.

LOCATION:
Woburn, MA.

If you are seriously interested in this position and consider it to be a good match for your skills, background and expertise, please send me a resume with explanation about why you feel that it would be a strong match. Please feel free to pass this information along, as you like. Referrals and suggestions are always welcomed, as are random resume submissions.

Thank you,

Nicholas Meyler
GM/President, Technology
Wingate Dunross, Inc.
ph (818)597-3200 ext. 211
email: "nickm@wdsearch.com"



Carbon Nanotube Depiction/ Alongside The "Time Tunnel"

CNT's are truly technology of the future with an enormous number of applications.

Wingate Dunross Website

Please contact Wingate Dunross regarding your key recruiting needs for all levels of technical and executive positions in fields like: nanotechnology, renewable energy, semiconductors, chemistry, and other disciplines!

Wingate Dunross, Inc.
28632 Roadside Dr. #203
Agoura Hills, CA 91301