



Client is in the semiconductor industry by developing strategic competencies, innovative technologies and intellectual property; enabling enterprises to be technologically competitive; and cultivating a technology talent pool to inject new knowledge to the industry.

## **SEMICONDUCTOR PROCESS TECHNOLOGIES LABORATORY**

### **Senior Research Engineer/Research Officer- Semiconductor Process**

#### **Responsibilities:**

You will develop the advanced semiconductor processes in the area of lithography, PECVD, wet chemical processes, metallization, ECP and CMP using state-of-the-art equipment and materials for CMOS, Through Silicon Via (TSV) as well as MEMS Technologies. Your responsibilities will include but not be limited to:

- Carrying out module development and improving module performance, sustaining routine operations, equipment upkeep, and mentoring lab assistants
- Defining and establishing flow, procedures for the process modules
- Planning and conducting experiments to fully characterize the process as well as establishing process controls
- Evaluation and selection of new equipment and processes
- Defining roadmaps and developing processes to meet requirements, goals and milestones for R&D projects

#### **Requirements:**

- PhD degree in Materials Science, Chemical Engineering and Mechanical Engineering with at least 2 years relevant experience
- Experience in semiconductor fab is preferred

**Interested candidates are invited to submit your latest updated resume stating your availability of employment, current, achievements and expected salary to Adrian Collin Png at: [adrian@collincrawford.com](mailto:adrian@collincrawford.com)**