



**Royal Society of Chemistry Funded Internship
Junior Scientist
Based in Cornwall**

PV3 Technologies is one of the few UK companies receiving internship funding from the Royal Society of Chemistry, to further our innovation programmes in Li-ion battery materials

Electrochemical technology is at the heart of our lives today, with electrochemical materials enabling transformations in energy, healthcare and transport. PV3 Technologies is an electrochemical materials business active in manufacturing, developing and commercialising products for batteries, fuel cells, electrochlorinators, water electrolyzers and many other electrochemical technologies. We also provide Contract R&D services to a range of clients.

PV3 Technologies Ltd are looking for an enthusiastic and ambitious intern to join our innovative and expanding battery program. The intern will have a range of tasks and responsibilities based around lab scale synthesis of our next generation battery cathode materials.

The RSC internship will help you develop your scientific and professional skillset whilst gaining experience in industrial chemistry and production. This area is extremely innovative and will lead to the intern gaining experience in synthesising and characterising novel production techniques and becoming part of a leading electrochemical materials manufacture.

PV3 technologies was established in 2011 and is based in Launceston, Cornwall. The business produces and develops electrochemical materials from coatings to catalysts and has a truly international customer base.

The role of the intern will be to join the battery program within PV3 technologies reporting to the Senior Innovator – Battery Materials. This will see the intern involved in day to day synthesis of battery materials, testing new formulations and production techniques as well as engaging with other staff members, participating in meetings and reporting results. The primary internship is for three months, with possibility of further opportunities. The intern will be responsible for producing materials, testing new equipment and techniques as well as maintaining a safe working environment.

PV3 is open to a range of backgrounds but a background in the chemical sciences is a must, with experience of synthesis, electrochemistry or chemical engineering desirable. There is no requirement for previous industrial experience, although it is desired. The candidate must however be fluent in English and be competent in Microsoft EXCEL, Microsoft Word and Scientific reporting.

Whilst at PV3 the intern will be encouraged to maintain a personal development programme to record their experiences and make the most of the time spent at the company whilst being mentored by a designated staff member. This is to ensure the most is made of the opportunity to grow as an individual whilst gaining knowledge of techniques, project management and industrial chemistry.

PV3 Technologies occupies a unique position in the UK. As a leader in electrochemical materials located on the Devon-Cornwall border the company offers the opportunity for employees to play major roles in the global industries we operate and live in one of the most desirable places in the UK.



The opportunity is presented for an energetic individual to join a growing and innovative team at PV3, gaining experience of industrial processes within a field that will undoubtedly play a major role in the future of transportation and energy. If this opportunity is of interest and you believe you have the required skills and experience please send a CV and covering letter to Dr Nick van Dijk at nick.vandijk@pv3technologies.com

Education / Experience required for the job:

- BSc or equivalent experience in Chemistry.
- Candidates should have a proven track record of hands-on experience in materials development, synthesis, production, characterisation and analysis.
- Experience of migrating products from a research environment into production would be desirable.
- Non-smokers only.