Dear Sir or Madam ,

I am currently an International Graduate student from the UK in the final few months of completing a combined PhD in Environmental Engineering and Environmental Science with a focus on Earth Science systems, at Vanderbilt University, Nashville, TN, USA.

Upon completion of my doctorate I intend to apply my knowledge of geological, geochemical and environmental systems towards a career in the natural resource (i.e. metals, minerals, etc) and energy (i.e. Oil and Gas) industry or work with local and national government organizations that focus on environmental monitoring, remediation and sustainable development. I am particularly interested in entry- to junior-level positions, having yet to gain any non-academic experience, and remaining in North America owing to the wealth of opportunities available.

During my PhD, I have been trained using a multi-disciplinary approach involving the partnering of experts in Vanderbilt's nationally leading schools of engineering, sciences, humanities, law and education to both build upon my strong background in geological and environmental sciences and also allow me to develop versatile and adaptable skills through collaboration on research projects and courses that aim to address issues of environmental and social importance.

The specific focus of my doctoral research has involved developing experimental and natural approaches to apply geochemical and geochronological data to understand and trace the extent of fluid-rock/mineral reactions in Earth materials during mountain building events. This work is particularly relevant to exploration of ore bodies and other economically important natural resources.

Prior to taking up my PhD studies I completed a Bachelors and Masters degree in Geology and Geochemistry, respectively, at Royal Holloway College, University of London, England. During completion of my Bachelors I specialized in geochemical and structural geology courses, with the latter being taught by former experts and collaborators in the oil and gas exploration industry. The department of Earth Sciences at Royal Holloway College has long been one of the UK's premier departments for preparing students for careers in the Oil and Gas industry, with many of their labs and professors funded by petrochemical companies. The work completed for my Masters degree focused on understanding geochemical systems activated during continental extension and basin formation, and involved working in the University of London Radiogenic Isotope laboratories.

Through completion of my BSc, MSc and PhD, I believe I have gained the skills and insights to excel as a team member and individual environmental scientist, or provide important contributions to a broad spectrum of environmental or geological companies.

Regards,
Timothy J. Peters.
Vanderbilt University
Department of Earth and Environmental Sciences.
Department of Civil and Environmental Engineering.