Ref: DOB/RESEARCH/R-296-000-143-133

Opening for Graduate Student Researcher – Dynamics of Organisational Accidents: A Simulation Modelling Approach

Job Title: Graduate Student Researcher

Date posted: Dec 30, 2014

Period of employment: 6 months part-time (16 hours per week)

Duties and responsibilities:

The research assistant will conduct research-related activities such as:

- Using Java programming and the software AnyLogic to create simulation models;
- summarizing results from simulation tests and experiments;
- compiling literature into EndNote database;
- summarizing literature and accident cases; and
- making logistical arrangements for industry practitioners participating in the research.

Requirements:

- good engineering, computer science or science degree with honours;
- programming/simulation experience; and
- scientific writing experience.

Remuneration:

- Salary will commensurate with the candidate’s qualification and experience.

Other Details:

- Candidates with the following experience or knowledge will be preferred:
  - AnyLogic or computer simulation;
  - publications in peer-reviewed journals;
  - safety management experience; and
  - work experience in construction or other heavy industry.

Contact details for further information:

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