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STUDENT INTERNSHIP PROGRAM

in

LOSS PREVENTION ENGINEERING & RESEARCH

FM Global's research group, a scientific organization committed to property loss prevention, is pleased to announce the establishment of paid undergraduate and graduate internships in loss prevention engineering and research. Internship assignments are made on the basis of available study and may be for summer or semester periods. Study may be conducted either at the student's institution or at our engineering and research facility located in Norwood, Massachusetts. On occasion, assignments may also be available at our Research Campus in West Glocester, Rhode Island.

Internship study is performed with the involvement of FM Global's internationally renowned loss prevention research scientists. Research areas include: fire hazards and protection (focusing on fire dynamics, and fire and explosion protection;) structures and natural hazards (focusing on geological, hydrological, and meteorological sciences and structural mechanics;) risk, reliability, and failure prevention (focusing on risk & uncertainty analysis, equipment & system reliability, and failure prevention) and, operational research (focusing on fire testing & procedures; and instrumentation & controls) in support of our Research Campus . Tentative project subjects include:

- At the Norwood facility: analyzing hydrologic/hydraulic models; supporting shake table testing to assess earthquake parameters and soil liquefaction; evaluating data to support earthquake damage functions; performing uncertainty assessment in flood models; supporting semiconductor industry supply chain database development, and conducting analytics research for business development.
- At the Research Campus: supporting instrumentation and large scale explosion testing.

Undergraduate intern candidates are expected to be either juniors or seniors in an engineering or science discipline. Graduate interns must be enrolled in either a masters or doctorate program in an engineering discipline. Primary consideration will be given to mechanical, chemical, electrical, civil, reliability, or fire protection engineering, as well as operations research, statistics/mathematics, or Earth & Planetary Sciences disciplines. Occasionally, other disciplines may be considered.

Interns not registered for advanced degrees will be offered the opportunity to study on a specific, well-defined project. Those studying towards a degree may have the opportunity to have their internship study contribute toward their degree requirements, in which case cooperation and collaboration between FM Global and the student's institution is essential.

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