

**Opening for new Ph.D. students in the Design & Uncertainty Quantification group, The University of Iowa.**

The *Design & Uncertainty Quantification* group at The University of Iowa, led by Professor Sharif Rahman, is looking for new Ph.D. students, who are capable of and interested in performing high-quality research on uncertainty quantification and stochastic design optimization. The research, supported by U.S. National Science Foundation, requires building a solid mathematical foundation, devising efficient numerical algorithms, and developing practical computational tools, all associated with stochastic analysis and design of complex materials and structures. A substantial background in solid mechanics with coding experience in finite-element or similar methods is a must; exposures to uncertainty quantification and probabilistic methods are highly desirable.

If you are interested in pursuing a Ph.D. degree at Iowa, please contact and send a resume to Professor Sharif Rahman at [sharif-rahman@uiowa.edu](mailto:sharif-rahman@uiowa.edu). Please note that we are interested in students who already have M.S. degrees in engineering or applied mathematics. To be admitted, the student must meet or exceed the following GRE scores: 152V, 159Q, 4.0AW. The precise admission requirements are listed at <https://me.engineering.uiowa.edu/graduate/mechanical-engineering-graduate-program/me-admission-requirements>. We will acknowledge all contacts if the aforementioned requirements are fully met.

The desired start date is Spring 2020 (preferred) or Fall 2020 at the latest.

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