

Postdoc Position in modeling and protective clothing at Iowa State University

An immediate postdoc position is available in the field of modeling under the supervision of Dr. Guowen Song at Iowa State University. Recent developed research program on [functional textiles and protective clothing \(LABS\)](#) collaborates with mechanical engineering, chemical engineering, electrical engineering and kinesiology and unites the expertise of a diverse group from different faculty and industry. The research is focusing modeling on both human thermoregulation, clothing, hazard simulation, PPE system and performance analysis.

Duties and Responsibilities:

- Help develop understanding and improving in textile materials and systems (PPE) for human safety and health applications,
- Assist the PI to develop proposals to secure external funding for research projects,
- Publish research articles in relevant peer-reviewed journals and present results at scientific meetings.
- Develop additional projects building on the strengths, interests, and expertise of the candidate.
- Participates in supervising graduate students and junior researchers in the laboratory
- Interacts with co-workers, visitors, and other staff consistent with the values of LABS

Qualifications and Skills:

- Ph. D degree in related fields;
- A strong track record of publications in peer reviewed journals;
- Experience in proposal development (NSF, CDC, etc.) and involving research team management;
- Knowledge in modeling development, heat and mass transfer (physiology).

If you are interested in applying to join our team, please email a CV to Dr. Guowen Song at gwsong@iastate.edu, Applications will be reviewed immediately.

[Iowa State University \(ISU\)](#) is a public, land-grant university, located in Ames, Iowa, United States. ISU is funded in 1858 and classified as a Research University with very high research activity (RU/VH) by the Carnegie Foundation for the Advancement of Teaching.

Ames, Iowa is a progressive community of 60,000, located approximately 30 minutes north of Des Moines, and recently voted one of the best college towns in the nation.