

## **PhD & Post Doctoral Research Positions**

### **PhD Position**

The Adaptive, Intelligent Materials and Systems (AIMS) Center at Arizona State University is seeking to recruit a Ph.D student. The research will be conducted under the supervision of Professor Aditi Chattopadhyay, director of the AIMS center.

#### **Desired Skills:**

- Background in mechanics, composite materials and related areas
- Good programming skills in FORTRAN, C, Matlab or Python
- Finite element analysis

**Academic qualifications:** Candidates are expected to have a Master's degree in Aerospace, Mechanical or Materials Engineering (or a related field). Outstanding candidates with Bachelors' degree are also encouraged to apply.

**How to Apply:** Send necessary documents (curriculum vitae, transcripts, GRE scores, and E-mail contact information for at least three references) to Dr. Bonsung Koo @ [Bonsung.Koo@asu.edu](mailto:Bonsung.Koo@asu.edu)

#### **For More Information:**

Contact:

- Dr. Bonsung Koo (Phone: (480) 965-0470 email: [Bonsung.Koo@asu.edu](mailto:Bonsung.Koo@asu.edu) )
- Dr. Ashwin Rai (Phone: (480) 727-9592 email: [Ashwin.rai@asu.edu](mailto:Ashwin.rai@asu.edu))

### **Post Doctoral Research Position**

The Adaptive, Intelligent Materials and Systems (AIMS) Center at Arizona State University is seeking to recruit a Postdoctoral researcher. The research will be conducted under the supervision of Professor Aditi Chattopadhyay, director of the AIMS center.

**Academic qualifications:** Candidates are expected to have a PhD degree in Aerospace, Mechanical or Materials Engineering (or a related field) and expertise in one or more of the following research areas: i) Multiscale modeling of composite and nanocomposite materials, ii) Molecular dynamics simulation/Quantum mechanics; ii) Damage mechanics. Good programming skills in FORTRAN, C, Matlab or Python and good verbal and written communication skills are essential. Some background in experimental research is highly desirable.

#### **Desired Skills**

- Established track record evidenced by publications in quality journals
- Demonstrated ability to formulate, plan and conduct research with specific objectives and milestone
- Demonstrated ability to work autonomously and in team-oriented research environment

**How to Apply:** Application materials should include curriculum vitae, transcripts, evidence of past research experience, and E-mail contact information for at least three references. Materials must be submitted electronically as a single PDF file to [Bonsung.Koo@asu.edu](mailto:Bonsung.Koo@asu.edu) specifying “ASUAIMS-Postdoc” in the subject line.

Review of applications will begin as they arrive and acceptance of candidates will be on a rolling basis.

**For More Information:**

Contact:

- Dr. Bonsung Koo; Phone: (480) 965-0470; email: [Bonsung.Koo@asu.edu](mailto:Bonsung.Koo@asu.edu)
- Dr. Siddhant Datta; Phone: (480) 965-0470; email: [sdatta10@asu.edu](mailto:sdatta10@asu.edu)