

# Advanced Hierarchical Materials by Design Lab

## Multiple PhD Positions in Multiscale Mechanics and Materials

Several fully supported PhD positions are open for fall 2019 in *Advanced Hierarchical Materials by Design Lab* at Louisiana Tech University on multiscale modeling of additively manufactured parts and processes. During this project the candidate will have the opportunity to collaborate with NASA research centers, national labs, and different universities across the nation such as MIT and LSU.

The candidates must have earned a degree in Mechanical Engineering or related fields (applicants with a MSc will be given priority) and have a solid background in theoretical and computational mechanics. Having knowledge of continuum mechanics, finite element modeling, molecular dynamics simulations, and a programming language is a plus.

The applicants should send the following materials to [kmomeni@latech.edu](mailto:kmomeni@latech.edu) and put *PhD Applicant* in the subject of the email

- Cover letter (summarizing their background, achievements, and motivations)
- CV (including list related courses, publications, presentations, projects, and GRE/TOEFL scores)
- Transcripts
- One representative publication (if applicable)

Details of the application deadlines can be found [here](#) for US Citizens and [here](#) for International and US Permanent Residents.

You may find more detailed information about our research activities at [www.knanosys.com](http://www.knanosys.com)