

**Exposure: the key to your dream job after graduate school**

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Host– MEGSO

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**Abstract**

As graduate students, how to find a good job and build a successful career foundation is probably the most of you concern about.

As graduate students, finding a good job and building a successful career foundation is probably your main concern. The career examples you encounter in graduate school will mainly be professors in academia, a position you may not want in the end. In this seminar, I will first briefly introduce my own career path so far, and then I will talk about my experience of job hunting in industry and academia. After that, I will talk about the most important lesson I learned through my own experience, and what you can do as a graduate student right now. In the end, I will probably discuss my experience in a national lab, how it is different from working in academia and in industry.

**Biography**

Dr. Bo Kong is an assistant scientist at Ames Laboratory--USDOE. He graduated from Iowa State University with a Ph.D. in Mechanical Engineering. After 5 years as a postdoc in Chemical Engineering at ISU, he joined Ames Lab as an assistant scientist at 2016. He has over 15 years of research experience in developing large-scale simulation CFD models and software for prediction and design of the complex multi-physics and multiphase flows relevant to energy, manufacturing, and the environment. Dr. Kong has developed several robust and scalable numerical methods to leverage world-class supercomputing resources. His current research projects are focused on performing CFD simulations of gas atomization process of metal powder production, developing multiphase turbulence models for strongly-coupled particle-laden flows, and developing novel numerical algorithms for polydisperse multiphase flows using Quadrature-Based Moments Method (QBMM). Dr. Kong has over 30 publications in journals and conference proceedings.

***This seminar counts towards the ME 600 seminar requirement for Mechanical Engineering graduate students.***

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