The School of Aerospace and Mechanical Engineering at the University of Oklahoma has two research assistant (RA) positions open in thermal/building systems. In these positions, students will receive full financial support and are expected to conduct research in supporting 1) an ARPA-E project to develop low-temp refrigeration systems for desalination and 2) industry-sponsored efforts in smart load control to enable sustainable power grid operation.

Students with general engineering background are all welcome to apply. Previous experiences in steady-state/dynamic modeling of vapor-compression systems, power systems and optimal control & optimization will be preferred. Expected start date is Aug 2019. Priorities will be given to students with intent to pursue PhD but strong master degree applicants will also be considered. Interested students are encouraged to contact Dr. Jie Cai at jcai@ou.edu for more information.

The University of Oklahoma (OU) is a Carnegie-R1 comprehensive public research university known for excellence in teaching, research, and community engagement, and serving the educational, cultural, economic and healthcare needs of the state, region, and nation. OU enrolls over 30,000 students and has more than 2,700 fulltime faculty members in 21 colleges. The 277 acre Research Campus in Norman was named the No.1 research campus in the nation by the Association of Research Parks in 2013. Norman is a culturally rich and vibrant town located just outside Oklahoma City. With outstanding schools, amenities, and a low cost of living, Norman is a perennial contender on "best place to live" rankings.