

Internship Opportunity 2019-2020

NASA's Aeronautics Directorate at Ames Research Center in Silicon Valley is embarking on research and technology development to enable concepts in Urban Air Mobility (UAM). UAM, defined by NASA as a system for air passenger and cargo transportation within an urban area inclusive of small package delivery and other urban unmanned aircraft systems services, will require new airspace operations systems, vehicle technologies, and integrating methodologies for safe and scalable implementation. Internship opportunities are now available to support such R&D in areas of systems-of-systems engineering, machine learning, autonomous flight control, smart city and sensor networks, distributed computing, etc. Students will assist NASA engineers and researchers with operations concepts development, simulations, and testing in relevant environments and with software architecture and assurance.

Eligible students must be US citizens or Green Card holders, and must have completed math and physics requirements and introductory courses in any engineering discipline (e.g., ENGR 010, CMPE 030, etc.). A minimum of 12 hours/week is required.

To apply, please send a resume and letter of interest (to include topic areas of interest) to Channon Wong, channon.wong-1@nasa.gov



Courtesy of nasa.gov