

The winner of Outstanding Academic Achievement Award

Yun Jiang

蒋 贇

Yun Jiang is from the Physics Department. Prior to coming to U.C. Davis, he obtained his B.S. degree at Zhejiang University and his M.Sc. degree at National University of Singapore.



He is the first graduate student in the Physics Department to be awarded the *LHC Theory Initiative Graduate Fellowship* (award year was 2013). This is a prestigious fellowship supported by the NSF in the area of high energy physics. He is also the only graduate from U.C. Davis to win the *2014 National Award for Outstanding Chinese Students Studying Abroad*, a fellowship founded by the Chinese government in 2003. This award is given to a select group of “young talents” each year all over the world.

Since early childhood he has been fascinated by Physics and many years of research experience have greatly intensified his dedication.

The focus of his Ph.D. research has been new physics at the Large Hadron Collider (LHC), in particular the phenomenology and theoretical implications of new models in the fields of particle physics and cosmology. In particular, he has explored the implications of the properties of the famous Higgs boson (discovered in 2012 and leading to a Nobel prize for Peter Higgs last year), with special emphasis on models that contain additional such bosons.

So far he has 13 publications with a total of nearly 500 citations, including one especially influential and valuable article on Higgs boson physics published on the *Physical Review Letters* (PRL), the world’s premier physics journal.

Besides this, he has delivered about 40 seminar/workshop/conference invited talks and special lectures throughout the world.

During the course of completing his Ph.D., he has grown into a mature, independent and outstanding young researcher. This fall, he will be moving to the Niels Bohr Institute as a postdoctoral fellow.