

## Results from the hypernuclear physics experiments at JLab and future perspectives

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Spectroscopic study of Lambda hypernuclei has started at Jefferson Lab in 2000, the last year of the 20th century.

There were many experimental difficulties such as small production cross section, huge electron background and so on.

We, finally, established the Lambda hypernuclear spectroscopy with electron beam by introducing novel experimental techniques and efforts of more than a decade.

JLab hypernuclear collaboration is now preparing for a new experiment (JLab E12-15-008) to investigate isospin dependence of Lambda hypernuclei with Ca40 and Ca48 targets.

I will overview unique feature of hypernuclear study with electron beams and highlight of the results obtained at JLab.

Physics goal and preparation status of the new experiment will be also discussed.

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