

Abstract Submitted  
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**(e,e'p) Studies of the Deuteron at High  $Q^2$**  LUMINITA COMAN, Florida International University, FOR THE HALL A COLLABORATION AND E01-020 COLLABORATION — Experiment E01-020 performed in Hall A at Jefferson Laboratory provides a systematic study of the  ${}^2\text{H}(e,e'p)n$  reaction at large momentum transfers. About 60 kinematic settings were measured, covering the quasifree peak at four momentum transfer  $Q^2 = 0.8, 2.1, \text{ and } 3.5 \text{ (GeV/c)}^2$  and missing momenta of  $p_{miss} = 0.1, 0.2, 0.3, 0.4, 0.5 \text{ GeV/c}$ . The current status of the analysis will be presented and preliminary results for the cross section will be compared to recent theoretical calculations.

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