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## New Measurements of the EMC Effect in Hall-C at Jefferson Lab

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The x dependence of the EMC effect has been measured for a variety of nuclei in a multitude of experiments conducted over the past 35 years. Previous EMC ratio measurements for light nuclei ( $A \le 12$ ) have shown a dependence on the local nuclear structure of nucleons and the associated modification to nuclear structure functions. The newly commissioned Super High Momentum Spectrometer (SHMS) in Hall-C has been used to collect inclusive electron scattering measurements on various light nuclei utilizing the 12 GeV CEBAF facility at Jefferson Lab. These data obtained during a portion of E12-10-008 includes previously unmeasured nuclei, namely  $^{10}$ B and  $^{11}$ B, and will therefore provide a comparison of nuclei which differ by just one nucleon. This will facilitate the extraction of the nucleon structure function as modified by the nuclear medium. Status of the target-ratio analysis of recently acquired E12-10-008 data will be discussed.

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## Collaboration name

Hall-C Commissioning Experiments Run Group

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