

Abstract Submitted  
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**Measurements of the Structure of the Nucleon** RUSTY TOWELL,  
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TEAM — The Abilene Christian University Nuclear Physics Research Group has  
a long history of studying the structure of the nucleon. Our research has focused  
on measurements that will improve our understanding of the anti-quark and spin  
structure of the proton. More recently we have also joined an effort to improve  
our understanding of the fission process of heavy nuclei. All of these measurements  
study the charged particles that are produced by a nucleon beam. The physics goals  
and current status of the PHENIX, SeaQuest, and NIFFTE collaborations will be  
reviewed.

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