

## Further Proposals

<u>Type</u>	<u>Principal Investigator</u>	<u>Title</u>
A	<b>Simon Catterall</b>	Lattice Study of $N = 4$ Super Yang-Mills
A	<b>Norman Christ</b>	Generating ensembles with 2+1 flavors of domain wall fermions
A	<b>William Detmold</b>	Light Nuclei, Hypernuclei, and their Electromagnetic Properties
A	<b>Heng-Tong Ding</b>	Universal properties of the chiral phase transition in 2+1 flavor QCD using Highly Improved Staggered Quark action
A	<b>Robert Edwards</b>	Dynamical Anisotropic-Clover Lattice Production
A	<b>Michael Engelhardt</b>	Nucleon transverse momentum dependent parton distribution functions on a large isotropic clover fermion ensemble
A	<b>Taku Izubuchi</b>	Hadronic vacuum polarization and hadronic light-by-light contributions to the muon anomalous magnetic moment using statistical error reduction techniques
A	<b>Julius Kuti</b>	Can the Higgs impostor hide in the BSM sextet model?
A	<b>Huey-Wen Lin</b>	Probing TeV Physics through Neutron-Decay Matrix Elements
A	<b>Keh-Fei Liu</b>	Nucleon Structure with Overlap Fermion
A	<b>Stefan Meinel</b>	Disconnected Contributions to Nucleon Ground State Structure
A	<b>Swagato Mukherjee</b>	Continuum limit of higher-order charge fluctuations at the physical point
A	<b>Ethan Neil</b>	Two-Color Gauge Theories in the Higgs Era
A	<b>Kostas Orginos</b>	Isotropic Clover Fermions
A	<b>Junk Shigemitsu</b>	High-Precision Heavy-Quark Physics
A	<b>Robert Sugar</b>	QCD with Four Flavors of Highly Improved Staggered Quarks
A	<b>Oliver Witzel</b>	B-meson physics with domain-wall light quarks at their physical mass and relativistic heavy quarks
B	<b>Eigo Shintani</b>	Precise calculation of hadronic contribution to muon anomalous magnetic moment
B	<b>Christopher Winterowd</b>	U(1) Lattice Gauge Theory and Graphene