

# PAC44 Closeout

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*Photo credit: Doug Higinbotham and students*

# Approved Experiments

Number	Title	Days	Rating
C12-15-001	Proton polarizability in Compton Scattering	8	A-
C12-15-005	Tensor asymmetries in eD QE and Elastic	44	A- (C1)
C12-15-008	$^{40,48}\text{Ca}$ Hypernuclei and $\Lambda\text{NN}$ Interaction	28	A
PR12-16-001	BDX: Dark matter beam dump experiment		(C2)
PR12-16-007	Search for the LHCb Pentaquark	11	A *
PR12-16-008	Energy Recovery at CEBAF		P (C1)
PR12-16-010	CLAS12 Run Group: Baryons & DVCS	100	A-

\* “High Impact”

# Other Proposals

Number	Title	Status
PR12-16-002	Parity violation in the resonance region	Defer
PR12-16-003	The pion form factor at high $Q^2$	Defer
PR12-16-004	CaFe: Short range pairings in heavy nuclei	Defer
PR12-16-005	PHADE/ACES: Chameleon search	Reject
PR12-16-006	EMC PVDIS: Nucleon medium mods with ePV	Defer
PR12-16-009	Asymmetries in wide angle Compton scattering	Defer
PR12-16-011	ALERT: EMC with Tagged DIS	Defer
C12-15-004	Polarized neutron DVCS in CLAS12	Defer

# Comments and Issues

The “Run Group” concept is in place and works well.

Beam time allocations for CLAS12 and SoLID need to be recognized as pliable with respect to scheduling.

Many issues need to be addressed regarding the Letters of Intent. We found them uneven in quality.

We have now seen many proposals and LOIs having to do with the EMC effect. We recommend that the community form a lab-wide strategy for exploring the EMC effect, and future proposals tie into this strategy.