## **PAC45 Results**

NUMBER	TITLE	CONTACT PERSON	HALL	DAYS REQUESTED	DAYS AWARDED	SCIENTIFIC RATE	PAC DECISION
E12-12-002A C12-14-004	Update to the (JEF) proposal	Liping Gan	D	130	0		Approved
C12-16-001	Dark matter search in a Beam-Dump eXperiment (BDX) at Jefferson Lab an update on PR12-16-001	Marco Battaglieri	А	285			C2
PR12-17-001	Strange Hadron Spectroscopy with a Secondary KL Beam at GlueX	Moskov Amaryan	D	200			Deferred
PR12-17-002	Compton Edge probing basic physics at Jefferson Laboratory: light speed isotropy and Lorentz invariance	Vahe Gurzadyan	A/C	7			Withdrawn
PR12-17-003	Determining the Unknown Lambda-n Interaction by Investigating the Lambda-nn Resonance	Liguang Tang	A	12	12	A-	Approved (High Impact)
PR12-17-004	Measurement of the Ratio GEn/GMn by the Double-polarized 2H(e,e'n) Reaction	John Annand	А	5	5	A-	Approved
PR12-17-005	The CaFe Experiment: Short-Range Pairing Mechanisms in Heavy Nuclei	Douglas Higinbotham	С	7	4	B+	Approved
PR12-17-006	Electrons for Neutrinos: Addressing Critical Neutrino- Nucleus Issues	Or Hen	В	41			C2
PR12-17-007	Probing QCD in the nuclear medium with real photons and nuclear targets at GlueX	Or Hen	D	40			Deferred

NUMBER	TITLE	CONTACT PERSON	HALL	DAYS REQUESTED	DAYS AWARDED	SCIENTIFIC RATE	PAC DECISION
PR12-17-008	Polarization Observables in Wide-Angle Compton Scattering at large s, t and u	David Hamilton	С	46	46	A-	C1
PR12-17-009	Precision Deuteron Charge Radius Measurement with Elastic Electron-Deuteron Scattering	Ashot Gasparian	В	39			Deferred
PR12-17-010	Photoproduction of vector mesons on nuclei with GlueX	Alexander Somov	D	28			Deferred
PR12-17-011	The Parity Violation Parton Distribution Function (PVPDF) Experiment	Mark Dalton	С	38			Deferred
PR12-17-012	Partonic Structure of Light Nuclei	Zein-Eddine Meziani	В	35	55	A-	Approved
PR12-17-012A	Tagged EMC Measurements on Light Nuclei	Raphael Dupre					
PR12-17-012B	Spectator-Tagged Deeply Virtual Compton Scattering on Light Nuclei	Whitney Armstrong					