

PAC45 Results

| NUMBER | TITLE | CONTACT PERSON | HALL | DAYS REQUESTED | DAYS AWARDED | SCIENTIFIC RATE | PAC DECISION |
|---------------------------|---|---------------------|------|----------------|--------------|-----------------|---------------------------|
| E12-12-002A G12-14-004 | 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 | A | 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basic physics at Jefferson Laboratory: light speed isotropy and Lorentz invariance | Vahe Gurzadyan | A/C | 7 | | | Withdrawn |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- π Resonance | Liguang Tang | A | 12 | 12 | A- | Approved (High Impact) |
| PR12-17-004 | Measurement of the Ratio $G_{E\pi}/G_{M\pi}$ by the Double-polarized $2H(e,e'\pi)$ Reaction | John Annand | A | 5 | 5 | A- | Approved |
| PR12-17-005 | The CaFe Experiment: Short-Range Pairing Mechanisms in Heavy Nuclei | Douglas Higinbotham | C | 7 | 4 | B+ | Approved |
| PR12-17-006 | Electrons for Neutrinos: Addressing Critical Neutrino-Nucleus Issues | Or Hen | B | 41 | | | C2 |
| PR12-17-007 | Probing QCD in the nuclear medium with real photons and nuclear targets at GlueX | Or Hen | D | 40 | | | Deferred |

