

# **PAC Charge for 12 GeV Review**

## **Jefferson Lab requests that PAC 30:**

1. Review both proposals\* and letters of intent<sup>†</sup> for experiments that will use the base equipment currently planned for the 12 GeV Upgrade and provide advice on their scientific merit, technical feasibility and resource requirements.
2. Identify high-quality physics that, based on what we know today, is highly likely to be of sufficient scientific merit that it will be included in the priority list to be established for the first 5 years of 12 GeV Operations
3. Identify other physics that has the potential for falling into this category pending clarification of scientific and/or technical issues
4. Provide comments on technical and scientific issues that should be addressed by the proponents prior to a second review and the assignment of scientific priority at a future PAC.

\* Proposals and letters of intent will be considered ONLY if the proponents clearly state their intent to participate in and contribute to the construction of the base equipment.

<sup>†</sup> Letters of intent for 12 GeV at PAC30 will be given the same “rights” to their scientific ideas as are currently afforded to deferred experiments

# Additional PAC Charge for Hall B Only

## Jefferson Lab requests that PAC 30:

1. Review both new proposals\* *for low (<5 GeV) running* and extensions† or updates‡ to previously-approved proposals *requiring only low (<5 GeV) beams*, and provide advice on their scientific merit, technical feasibility and resource requirements.
2. Recommend one of four actions on each proposal, extension or update:  
approval,  
conditional approval status pending clarification of special issues,  
deferral with regret,  
deferral, or  
rejection.

(There are two types of conditional approval: conditional pending PAC review of open scientific questions; and conditional pending Jefferson Lab management review of open technical issues. In the later case, the PAC should recommend a beam time allocation.)

3. Provide a scientific rating and recommended beam-time allocation for all proposals recommended for approval.

\* Note “Jeopardy” has been suspended for 6 months to accommodate the 12 GeV review focus of PAC30.

† Extension proposals are treated as new proposals, and the merits and status of the original proposal are considered only to the extent that they may bear on the relevance and merit of the extension proposal.

‡ In reviewing an experiment update, the PAC will treat the original proposal and any request for changes taken together as a single new proposal and treat the combination in a manner analogous to a previously-approved proposal undergoing a jeopardy review.