NSLS-II Proposal Review Panel Review Rubric (Feb2025)

General User, Block Allocation Group, Partner User

Scientific, technological, industrial, and/or national security importance		45%
Does the proposed research address critical questions or significantly advance knowledge in the specific field of research and development?		
1	Groundbreaking research that could revolutionize critical knowledge in a specific field. High impact in the field would be almost certain.	
2	High quality research that could significantly advance knowledge in a specific field. High impact in the field would be likely.	
3	Research will likely produce incremental advances in an established area, leading to some impact in a specific field.	
4	Research may provide minimal new knowledge in a specific field, and unlikely to have significant impact.	
5	Research is unlikely to make any contributions to a specific field.	

Quality of experimental plan		40%
Is the proposed experimental plan well developed to address the scientific questions? Is the choice of beamlines appropriate? Does the proposal team have sufficient resources, expertise, and/or collaboration to execute the proposed work?		
1	Experimental plan demonstrates optimal understanding of facility resources and is well-developed and highly likely to achieve the experimental goals.	
2	Experimental plan is well thought out and will likely achieve most experimental goals.	
3	Experimental plan would benefit from guidance from facility staff but could achieve some experimental goals.	
4	Experimental plan is lacking critical details and may not produce any impactful results.	
5	Experimental plan is not feasible.	

Indirect Societal impact		15%
Indirect societal impact: Does the proposed work have significant broader indirect societal impact, in such areas as economic competitiveness, workforce development, education and outreach, and/or engagement with user communities new to synchrotron research? For examples please see: https://www.bnl.gov/nsls2/docs/pdf/examples-of-indirect-societal-impact.pdf		
1	Proposed work will have broader indirect societal impact in more than one area listed above or a new area (please specify in evaluation comments).	
2	Proposed work will have broader indirect societal impact in one of the areas listed above or a new area (please specify in evaluation comments).	
3	Proposed work may not have broader indirect societal impact in the areas listed above.	
4	Rating of 4 is not used for this criterion	
5	Rating of 5 is not used for this criterion	

Rapid Access (RA)

Scientific, technological, industrial, and/or national security importance, including whether it fits into the criteria for RA beam time		45%
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