

## PROPOSAL REVIEW CRITERIA

**(1) How well is the proposal written and presented? Score: A B C D F**

**(Communication)**

- Are the key ideas communicated clearly and effectively?
- Was the presentation logical, complete and effective?
- Are they free of grammatical and spelling errors?
- Were the graphics and illustrations utilized effectively?
- Overall, are they effective?
- Was the presenter's voice/diction clear and personal style appropriate?

**(2) What is the intellectual merit of the proposed research Score: A B C D F**

**(Need and Relevance)**

- How important is the proposed activity to advancing knowledge and understanding within the field or across different fields?
- To what extent does the proposed research suggest and explore creative and original concepts?

**(3) How credible is the research formulation and planning? Score: A B C D F**

**(Evidence of Sound Methodology and Effective Planning)**

- How well prepared is the proposer to formulate the research plan and to conduct the project?
- What supporting skills does the proposer need?
- How well conceived and organized is the proposed research? Does it have a clear testable hypothesis?
- How well does the proposed research connect with the state of the art?
- Would the planned activities fulfill the stated objectives?
- Are the consistency measures well developed?

**(4) What are the broader impacts of the proposed research? Score: A B C D F**

**(Impact: scientific and economic)**

- How well does the research advance discovery and understanding in science and engineering?
- Will there likely be benefits of the proposed research to society?
- Does the proposed study appear to lead to findings, publications, or other impactful outcomes?