NSF ExFAB BioFoundry User Project Proposal - Required Format **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

All proposals submitted to the NSF ExFAB BioFoundry must follow the following format to be considered for funding:

1. General Information: Title, Principal Investigator, Institution, Submission Date
2. Objective (2-3 sentences)
3. Background and Justification
   1. Explain how the proposed work will:
      1. Further our knowledge of microbial biosynthesis, bioremediation, or rules of life; *and,*
      2. Develop research protocols that will benefit ExFAB
   2. Discuss the work’s connection to extreme/exceptional microbes
4. Methods
   1. Describe the proposed experiments, including details such as sample numbers, required equipment, and consumables, and estimated hours of labor involved
   2. Include a project timeline
      1. Denote steps conducted both inside and outside of ExFAB
      2. Indicate the earliest possible start date that samples will be ready for processing
   3. List any individuals (users) who will be accessing the ExFAB facilities to use ExFAB equipment. For each individual include:
      1. General level of lab experience
      2. Experience with proposed techniques
      3. Training they will require from ExFAB staff
5. Anticipated Outcomes
   1. Highlight new protocols or workflows that will be developed
   2. Explain how the proposed work will benefit the ExFAB research community
6. References cited