## 2024 FMC NSF POSE - PROJECT SUMMARY

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## 1 Introduction

The open source community is what the scientific community pretends to be.

Our current institutions of education and scientific research are inequitable, exclusionary by design, and fundamentally ill-equipped to address the existential threats and transformative opportunities presented by the rise and spread of high technology through a globally interconnected world.

- 2 Intellectual Merit
- 3 Broader Impacts
- 4 Objectives
- 5 FreeMoCap [FMC] Project
- 5.1 FMC-Development [FMC-D]: Core FreeMoCap artifacts of the FreeMoCap OSE
- 5.2 FMC-Community [FMC-C]: The Community of FreeMoCap User/Developers
- 5.3 FMC-Foundation [FMC-F]: The organizational structure which supports the FMC-Project