

IGNITE Co-Curricular Research Project Grant Budget

Please provide as much detail as possible.

Organization / Student PI:	Engineering Physics Propulsion Lab (EPPL)/Jacob Romeo
Project Title:	Proof of Design for the Advanced LASER Mining Array (ALMA)

Total Amount Requested:	\$7,571.78
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Travel	
Expense	Amount
Flight	
Rental Car / Other Ground Transportation	
Hotel	
Registration	
Total for Travel:	\$0

Justification:

For this research, there is no need for travel.

General Supplies	
Total:	\$0

(Gen. Supplies - small, non-reusable items)

Justification:

All supplies can and will be re-used, either for future research or donated to the physics department and the EPPL at the end of experimenting.

General Equipment	
Total:	\$7,571.78

(Gen. Equipment - large, reusable items)

Justification:

All equipment we will be purchasing is under this category, due to the need for the larger equipment pieces such as the diode, control board, bragg gratings and fiber cable, PPE and protective equipment, etc. The control board comes with software drives in the purchase of the board, thus no expense is needed for software.

Computer Equipment	
Total:	\$0

(Comp. Equipment - laptops, monitors, etc.)

Justification:

The EPPL has computers available for use and all team members have laptops. Having the ability, if necessary, for them to download software needed for the control board.

Computer Software	
Total:	\$0

(Comp. Software - Adobe, CATIA, etc.)

Justification:

As of now, there is no current need for software packages or simulations. In the future these will be needed, but that will be funded via other resources.

[illegible]