

## **UC Irvine**

### **SSOE Research Symposium Dean's Awards**

#### **Title**

CanSat UCI: Winter Design Review 2019

#### **Permalink**

<https://escholarship.org/uc/item/7fm6617j>

#### **Authors**

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Huynh, Amy

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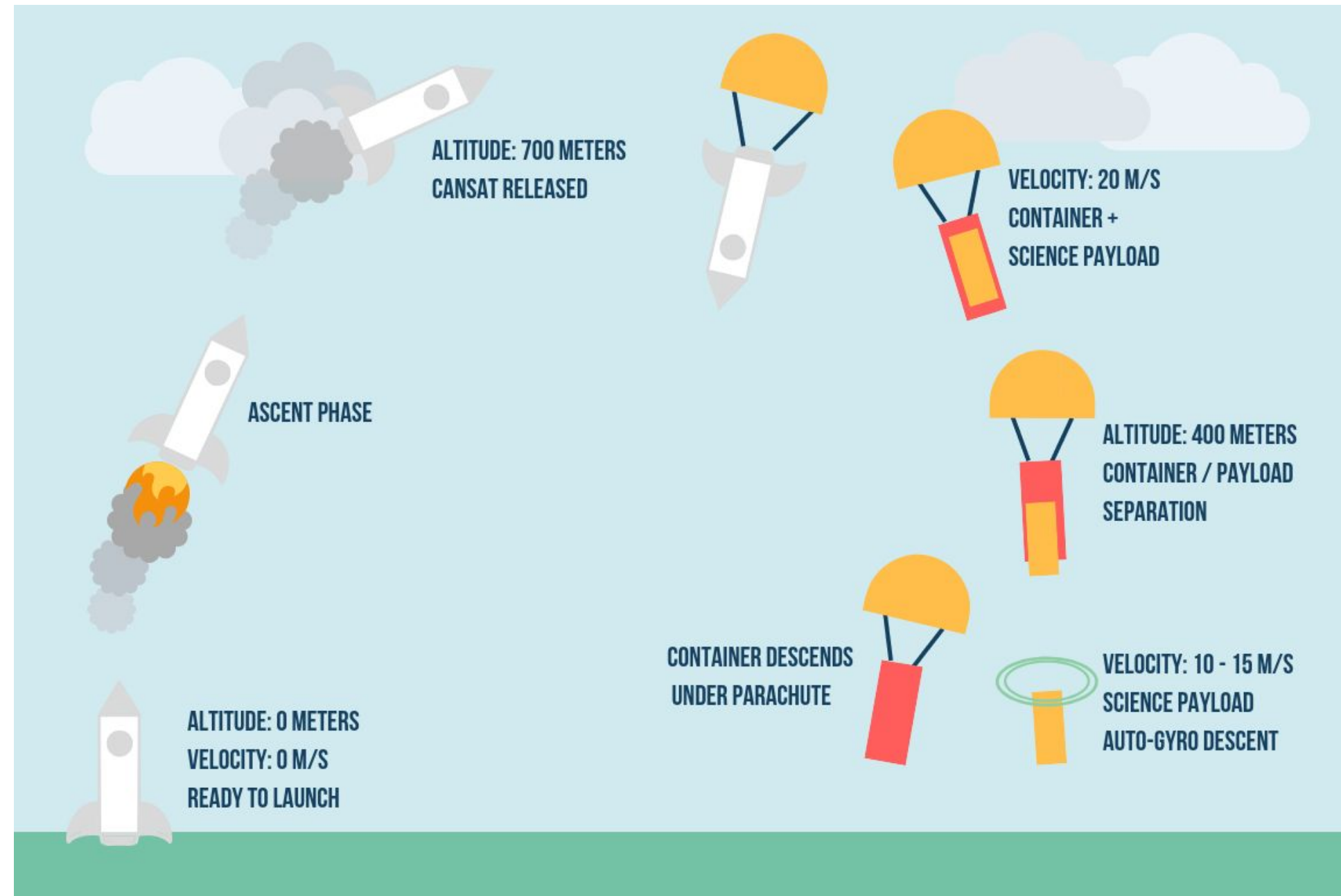
et al.

#### **Publication Date**

2019-03-15

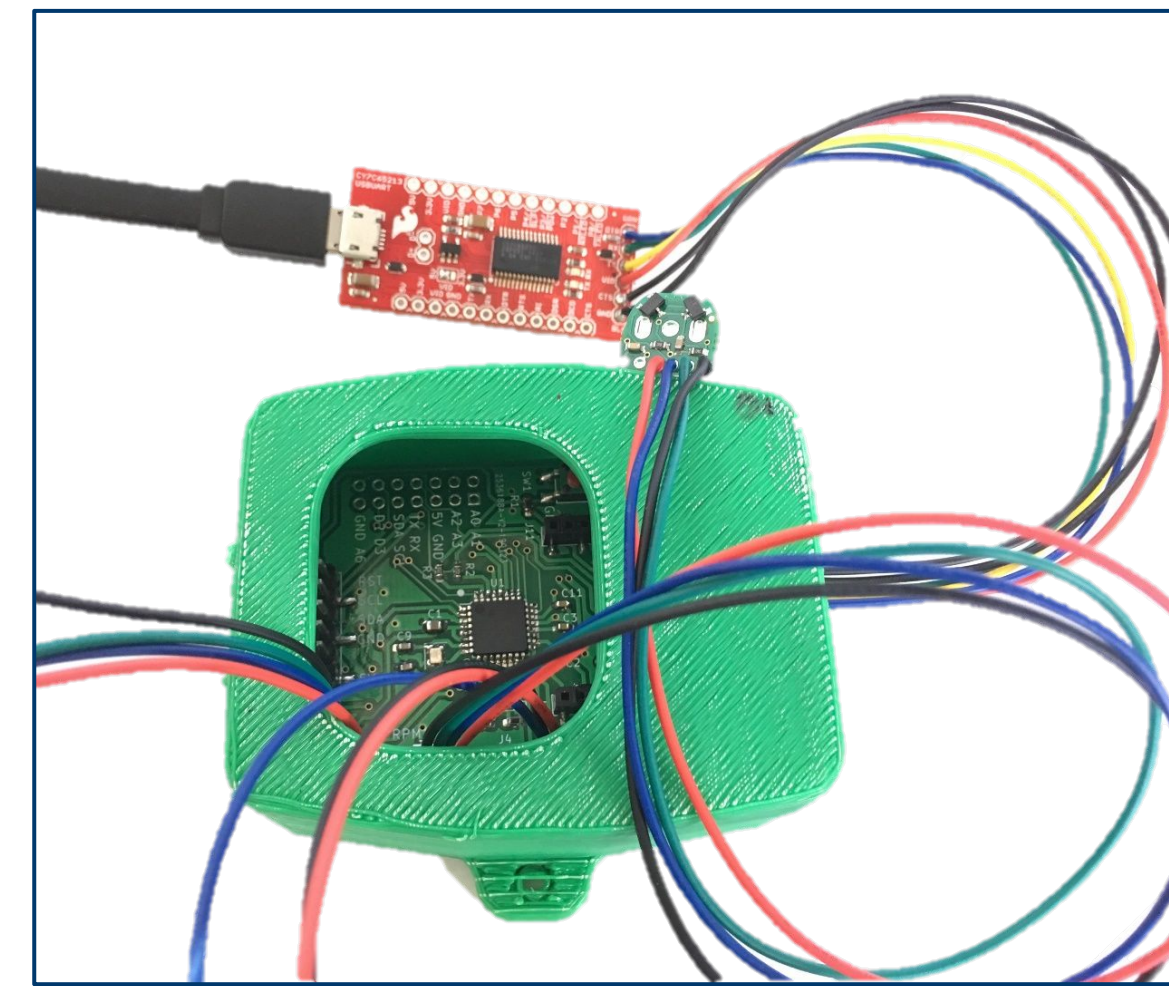
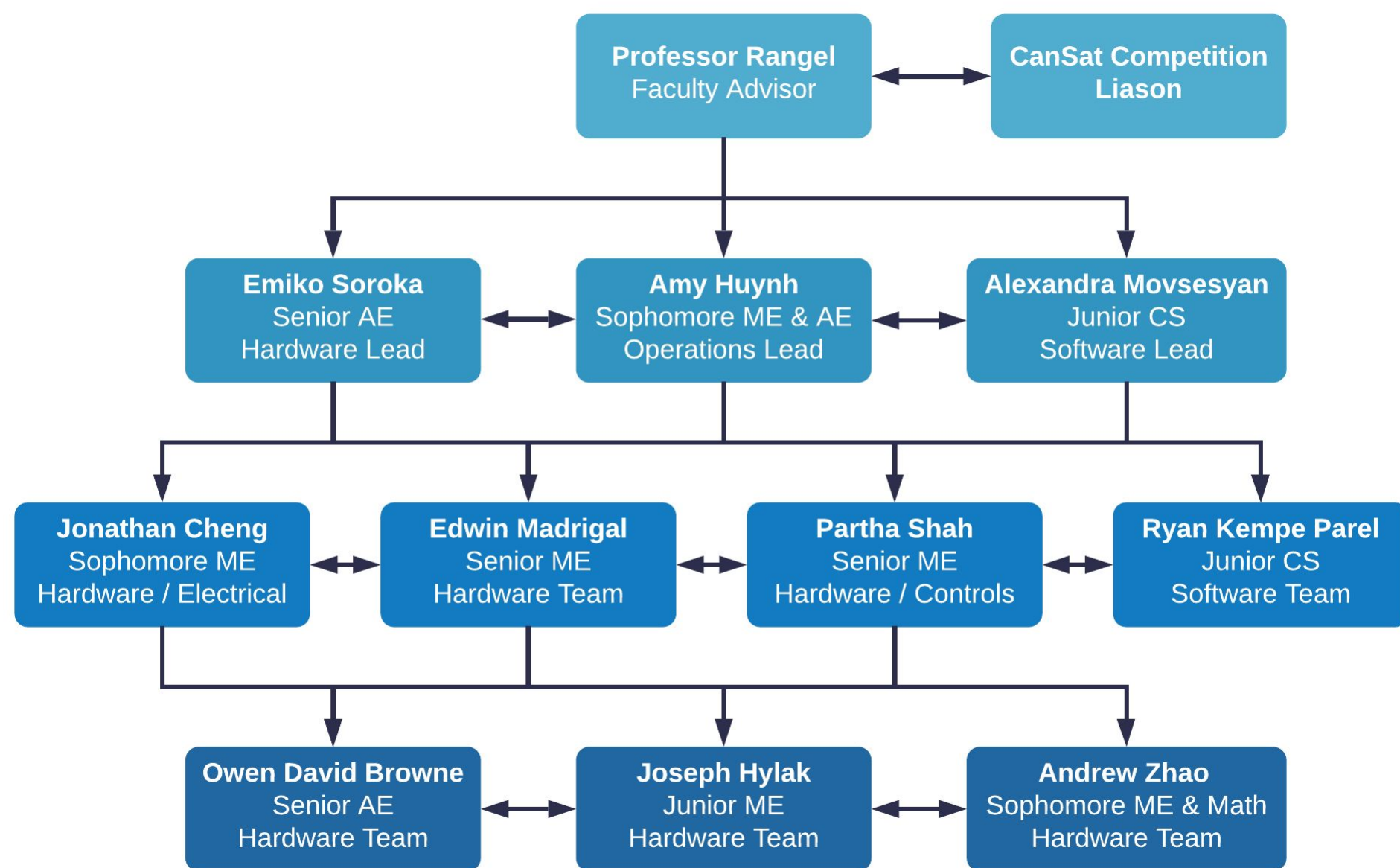
Peer reviewed

## MISSION SUMMARY

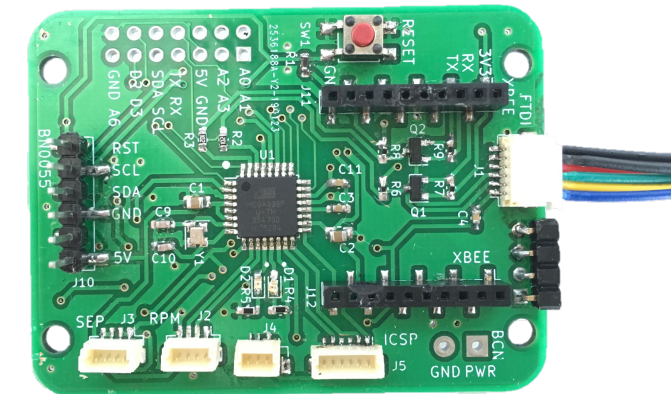


## TEAM

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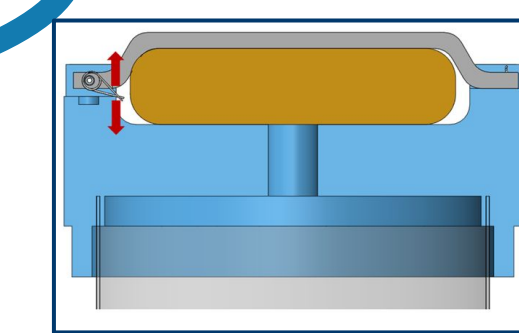
Electrical module with 3D printed housing. Sensors and PCB inside.



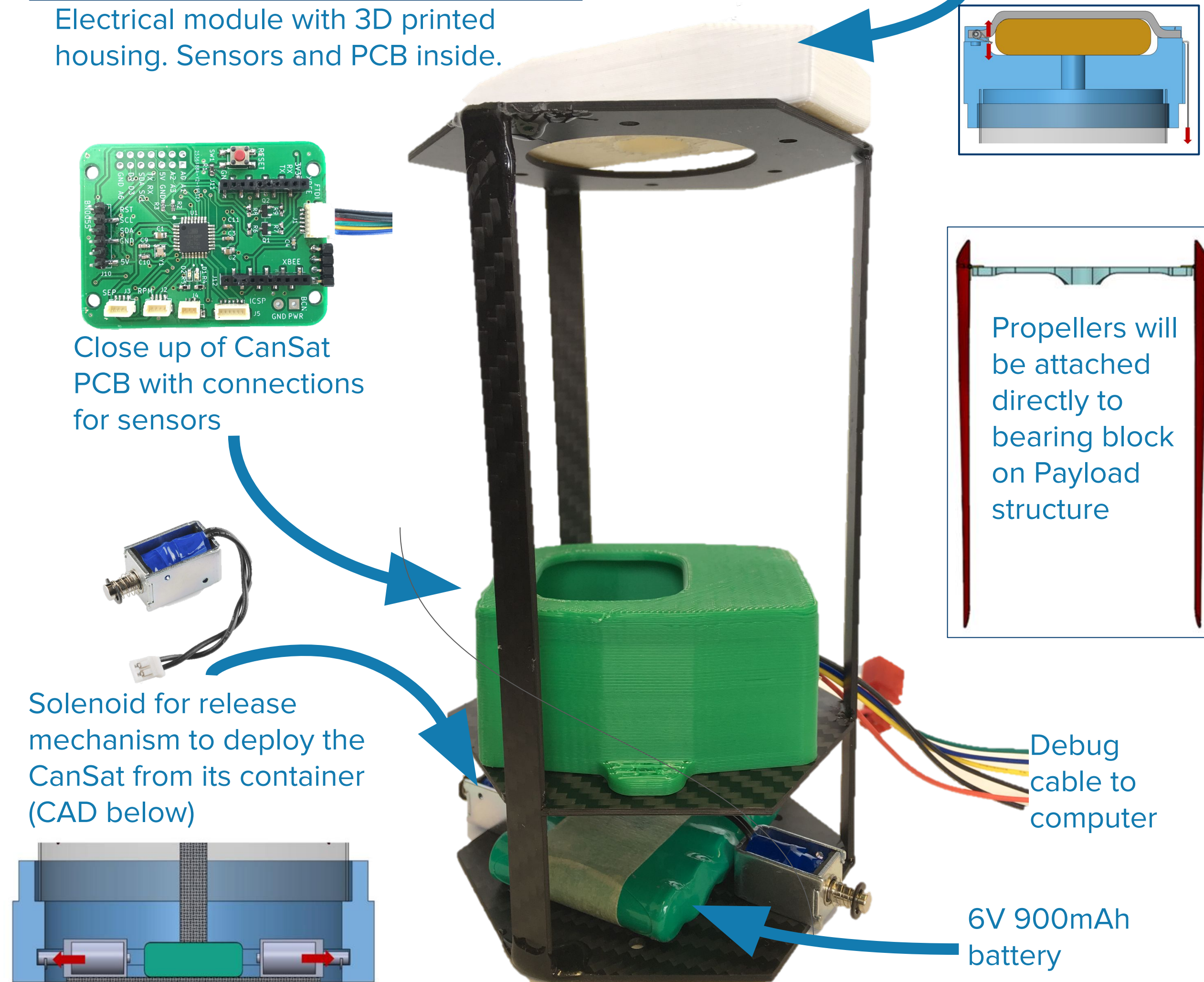
Close up of CanSat PCB with connections for sensors



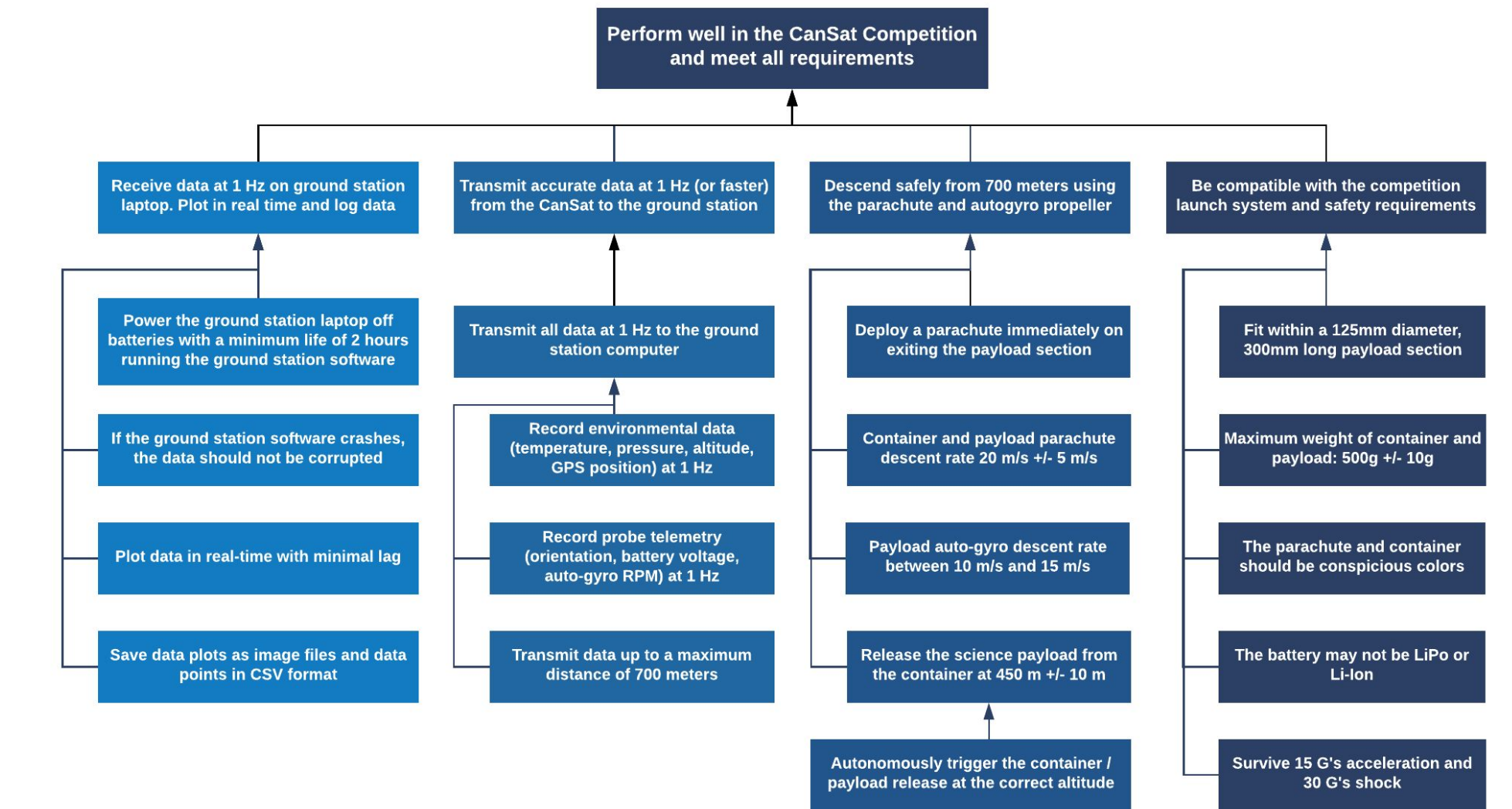
Parachute release mechanism and parachute; (CAD below)



Propellers will be attached directly to bearing block on Payload structure



## OBJECTIVE TREE

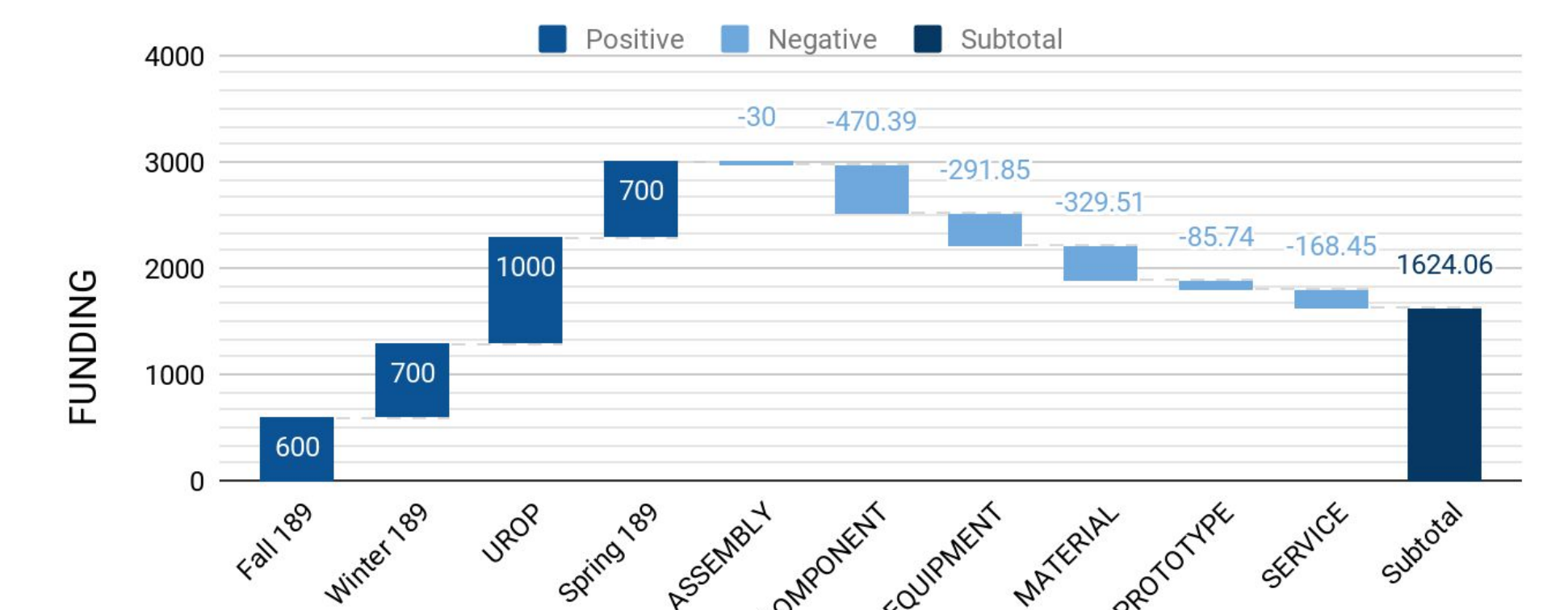


## BUDGET

### CanSat Competition Travel Expenses

Room & Board	Airfare	TOTAL
\$250 each	\$350 each	\$6000

### Project Funding and Engineering Expenses



## UCI TEAM MILESTONES 2018 - 2019

