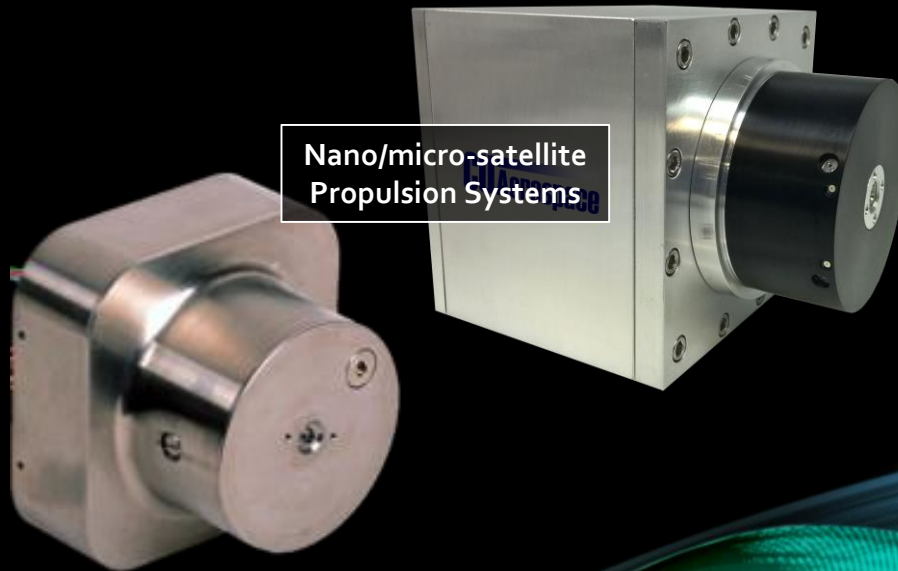




Overview & Space Systems

David Carroll



Nano/micro-satellite
Propulsion Systems

13 June 2017

CU Aerospace Synopsis

- CU Aerospace is a high tech engineering company engaged in bringing innovative advanced technologies to the market
 - Founded in 1998
 - Growth rate \approx 15% per year
 - Location: Champaign-Urbana ("CU"), Illinois

Space Systems

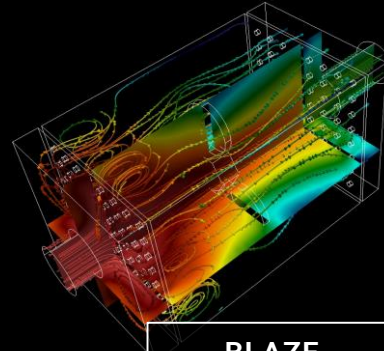
Propulsion Unit for
Cubesats (PUC)



Spacecraft
Design



Modeling & Simulation

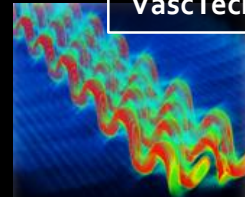


BLAZE
Multiphysics™

Advanced Aerospace Materials

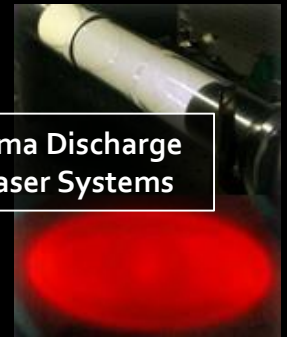


VascTech™



Plasmadynamics & Lasers

Plasma Discharge
& Laser Systems



PODS Interests for CUA

- CUA has several commercial interests in PODS architecture
 - Docking & interface mechanism → enables flexible reconfigurable options
 - Software Design Tool → optimizes configurations
 - Propulsion → opportunity for CUA propulsion tech

Reconfigurable Persistent Platform

Evolvable Configuration

