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## Student Access to Government Launches

Pelster, Nick

Monterey, California: Naval Postgraduate School

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# Student Access to Government Launches (WIRED 1.6)

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# Project Objectives



- Develop a process/requirements document to inform students how to manifest on DoD launches
- Design a development model of a student payload launcher



# Process/Requirements Document



- Identifies Process for Obtaining Secondary Payload Opportunity on DoD Launch
- Identifies Requirements Payloads Must Meet to Launch on DoD Vehicles
- Recommends Process for Streamlining Access for University CubeSats
- Document will be Approved for Public Release and Accessible on Web



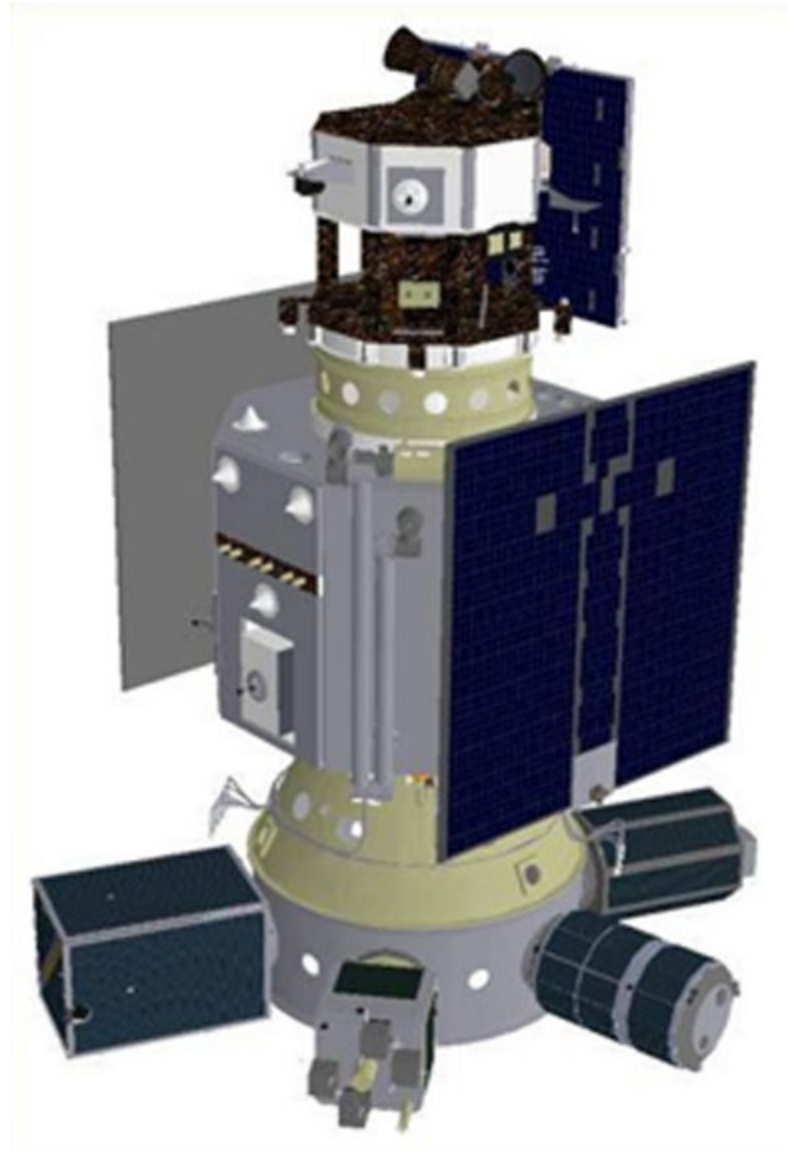
# Development Model



- NPS CubeSat Launcher (NPSCuL)
- Designed to be accommodated on EELV Standard Payload Adapter (ESPA) ring
  - Another version designed for smaller launch vehicle accommodations
- Scale models designed and developed under the project
- Concepts and models presented at small payload conferences
- Manifest requested for a slot on future EELV launch through DoD process

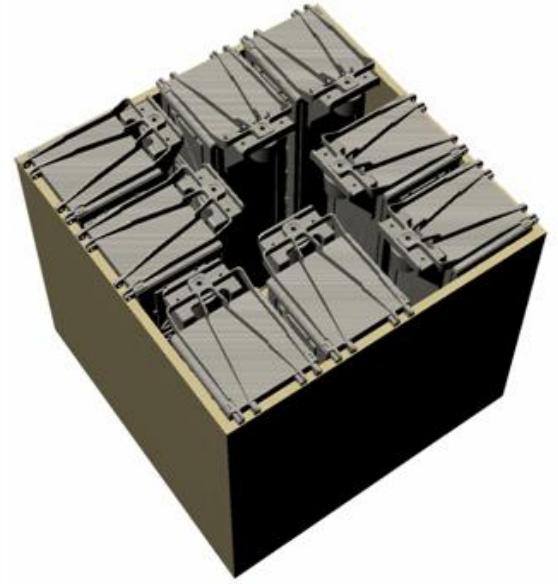
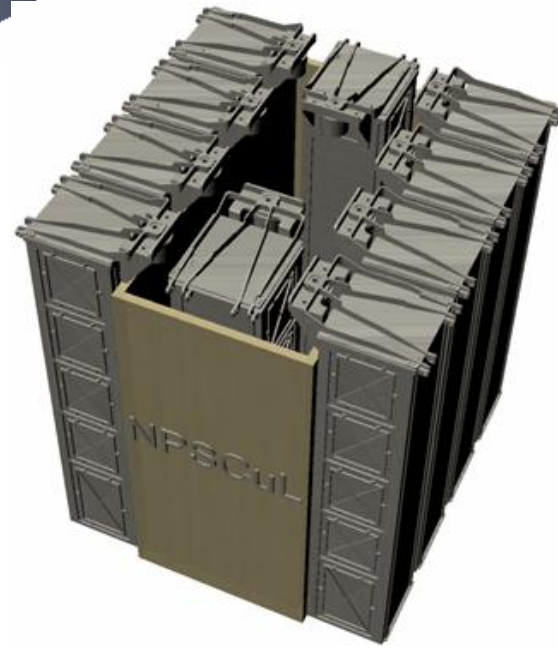
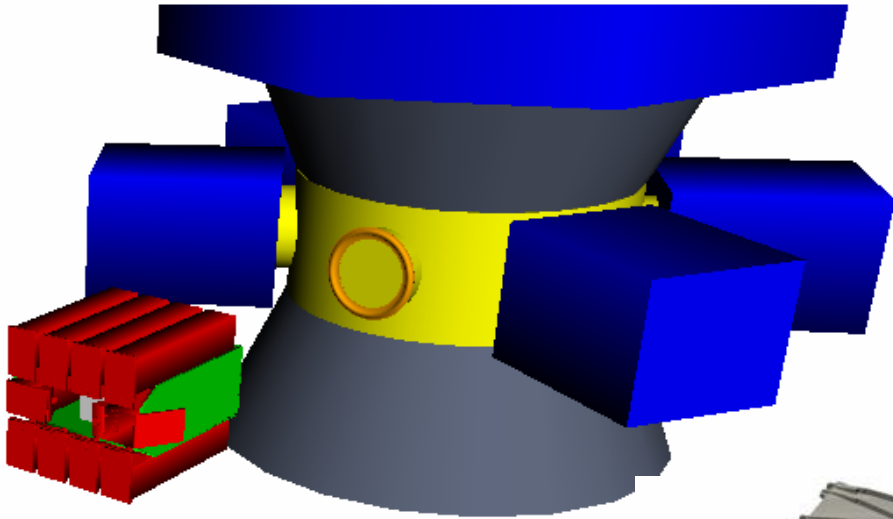


# ESPA Ring





# Models







# NPS Team

