

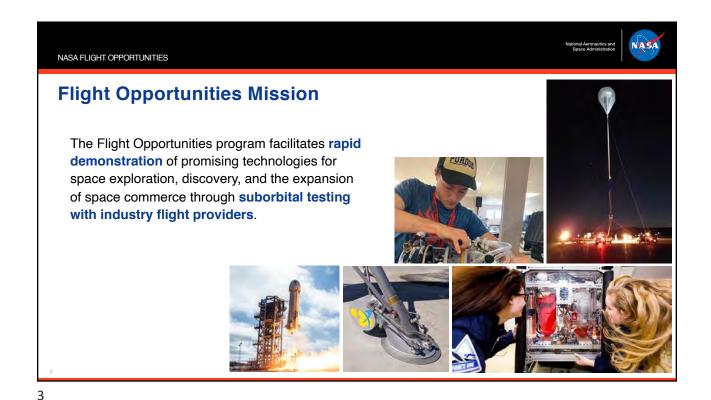
Т

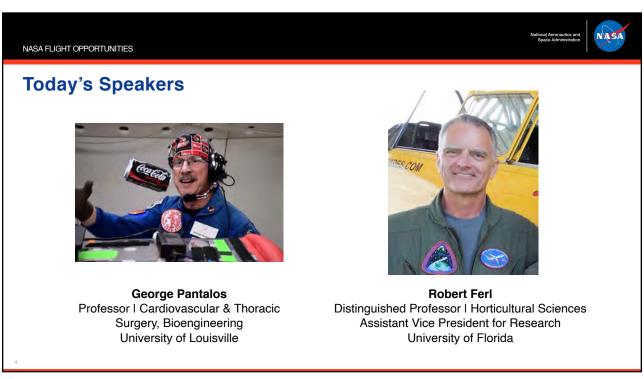
NASA FLIGHT OPPORTUNITIES

Welcome to the Community of Practice Webinar Series!

First, a bit of housekeeping...

- Please mute your microphone and turn off your camera
- · Today's session will be recorded
- Recordings for all sessions will be posted on the Flight Opportunities website
- Please engage!
 - Use the chat throughout the session to ask questions













Opportunities for Reduced Gravity

• Drop Tower: 2-5 seconds

• Parabolic Flight: 15-20 seconds

• Suborbital Flight: 3 - 5 minutes

• Low Earth Orbit: days to years

• Lunar Surface: days to years

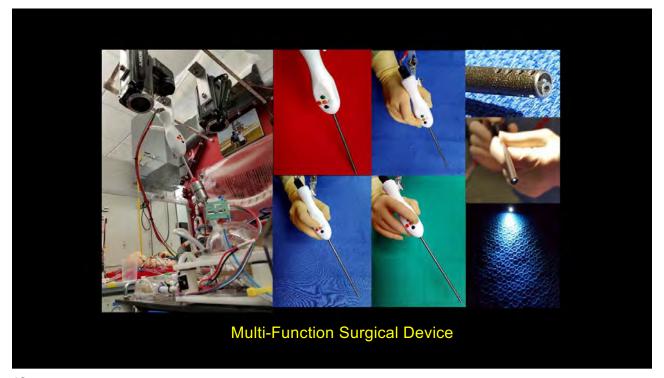
• Interplanetary: years







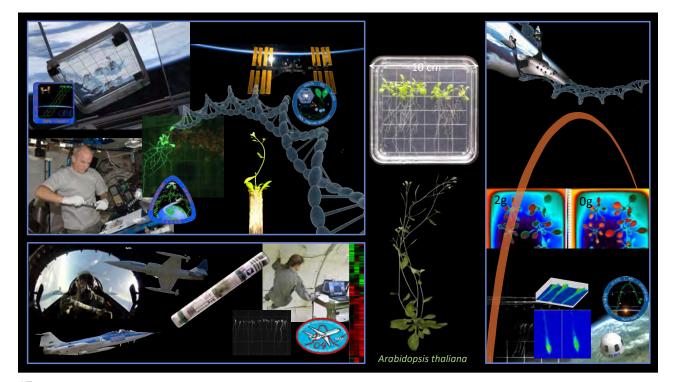


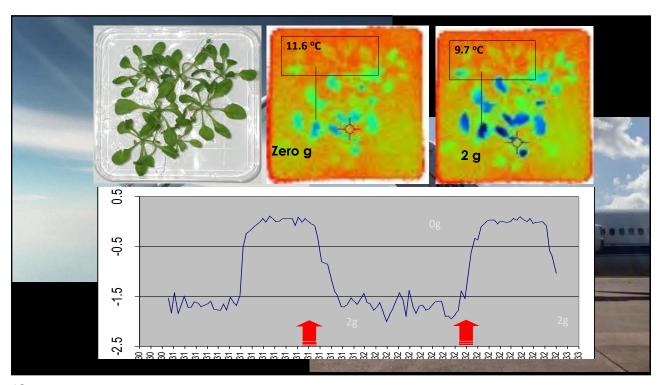


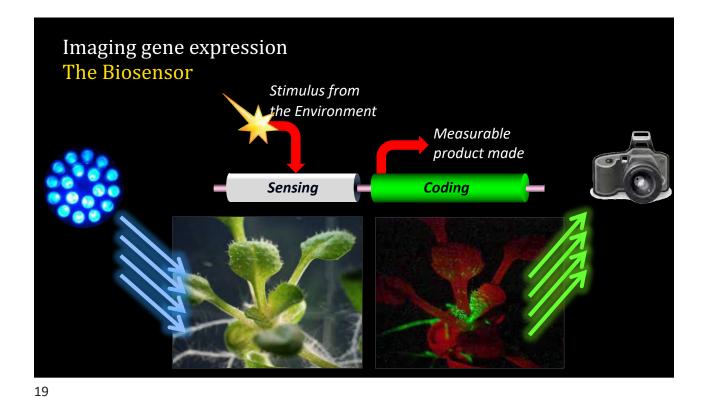












Bringing tools together...

DR5::GFP Reporter

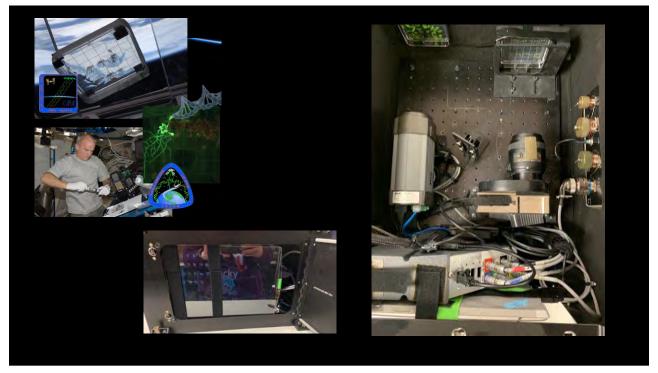
ARFs

ARFs

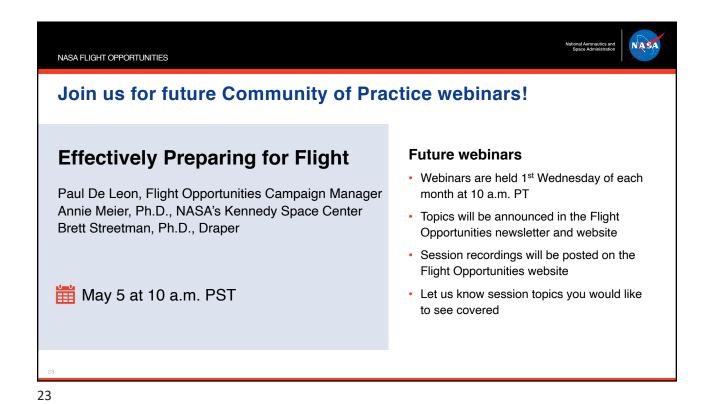
ARFs

ARFs – Auxin Response Factors they bind to

ARE – Auxin Response Element common in numerous auxinmediated genes







Thank you!

Flight Opportunities website: http://nasa.gov/flightopportunities

Contact us: NASA-FlightOpportunities@mail.nasa.gov