

STORIES FROM HUMAN SPACEFLIGHT

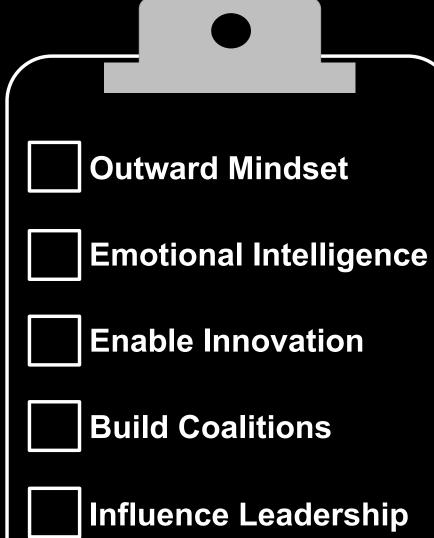


 Since NASA was formed, we have been Leaders in Human Spaceflight, doing things no one has ever done before

 Happy to share my 30 years of leadership lessons with you today!

OUTLINE







LEADERSHIP BOOKS

"Succinctly explains how to deal with emotions creatively & employ our intelligence in a beneficial way."

- THE DALAI LAMA

EMOTIONAL INTELLIGENCE

2.0

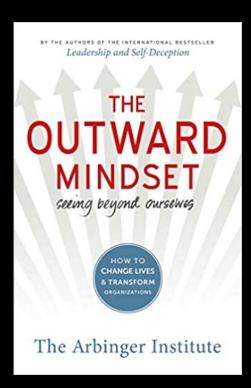


INCLUDES A NEW & ENHANCED ONLINE EDITION OF

THE WORLD'S MOST POPULAR EMOTIONAL INTELLIGENCE TEST

TRAVIS BRADBERRY & JEAN GREAVES

INTERNATIONAL BESTSELLING AUTHORS OF THE EMOTIONAL INTELLIGENCE QUICK BOOK



JOSEPH R. FOLKMAN

POWER. FEEDBACK

35 Principles
for
Turning Feedback
from Others into
Personal and Professional
Change

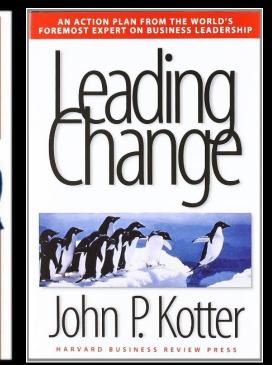
Foreword by John H. "Jack" Zenger

Amazon.com bestseller • New Hork Times bestseller Hirll Street Journal bestseller

What Got You Here Won't Get You There

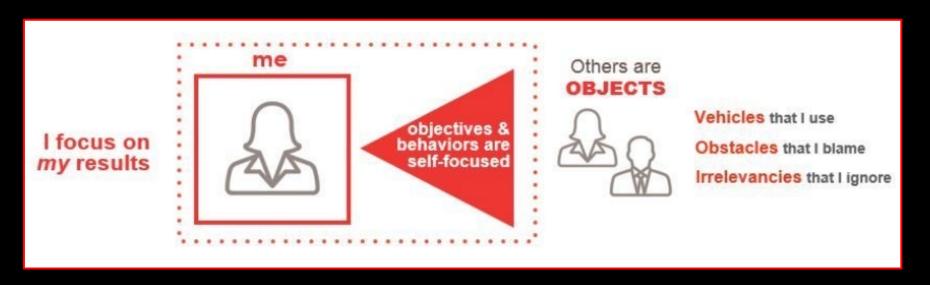
How Successful People Become Even More Successful!





ARBINGER INSTITUTE'S OUTWARD MINDSET







I focus on our results



TRAINING 1ST INTERNATIONAL SPACE STATION CREW (1997 – 2000)







WORKING IN RUSSIA – EMBRACING AN OUTWARD MINDSET



WORKING IN RUSSIA – LAUNCHING THE 1ST CREW







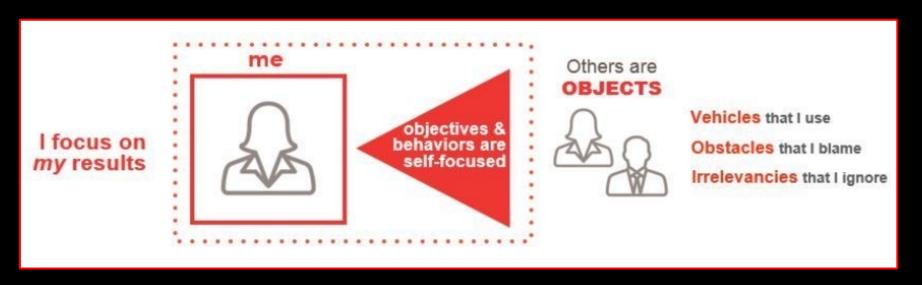
WORKING IN RUSSIA – LAUNCHING THE 1ST CREW





MASTERING THE "POWER" SKILLS







I focus on our results



WORKING IN RUSSIA – ESTABLISHING LIFELONG RELATIONSHIPS







CRITICAL COMMUNICATIONS

CAPCOM

The Voice of Mission Control





COLUMBIA TRAGEDY (2003)







EMOTIONAL INTELLIGENCE – "POWER" SKILLS

PERSONAL COMPETENCE

YOUR RELATIONSHIP WITH YOURSELF



SELF AWARENESS

HOW IN TUNE YOU ARE WITH YOUR EMOTIONS

SELF MANAGEMENT

YOUR ABILITY TO REGULATE YOUR EMOTIONAL STATE

SOCIAL COMPETENCE

YOUR RELATIONSHIP WITH OTHERS



SOCIAL AWARENESS

HOW IN TUNE YOU ARE WITH OTHERS' EMOTIONS

RELATIONSHIP MANAGEMENT

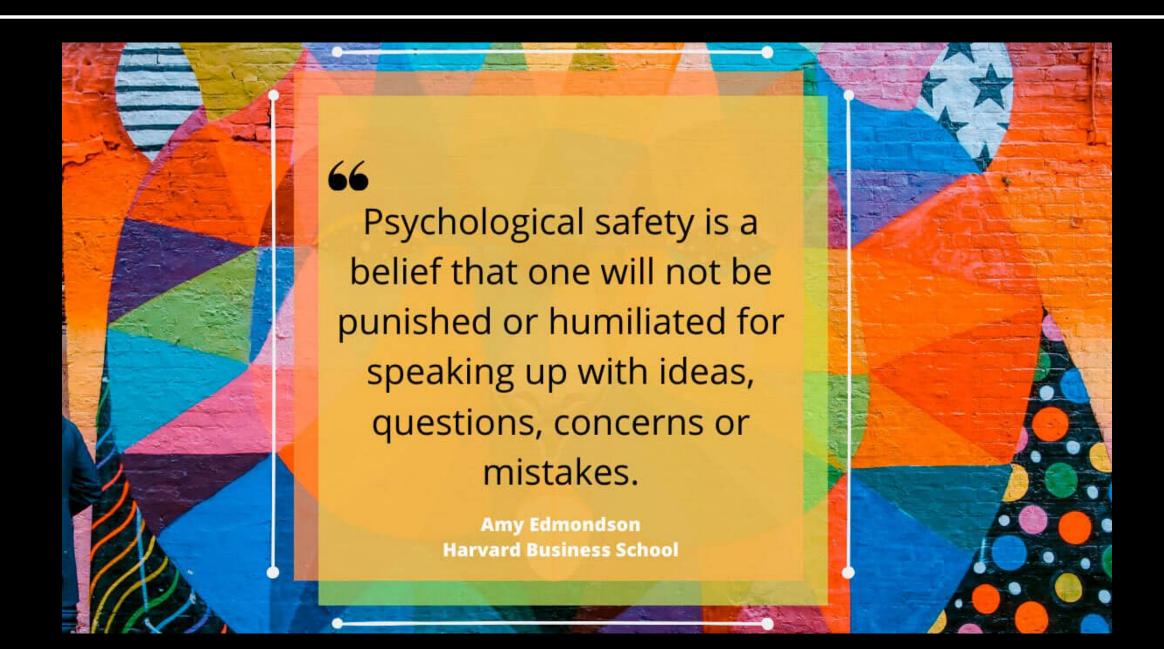
YOUR ABILITY TO NAVIGATE EMOTIONS IN INTERACTIONS WITH OTHERS

CREATING SPACE FOR AN INNOVATIVE MINDSET





EMOTIONAL INTELLIGENCE ENABLES PSYCHOLOGICAL SAFETY



PSYCHOLOGICAL SAFETY = MORE IDEAS!





PSYCHOLOGICAL SAFETY = MORE IDEAS!

Shuttle return to flight: Testing puncture repair kits













SPACE 11 July 2005





A TOOL FOR ENABLING NEW IDEAS





SHUTTLE RETURN TO FLIGHT (2005)

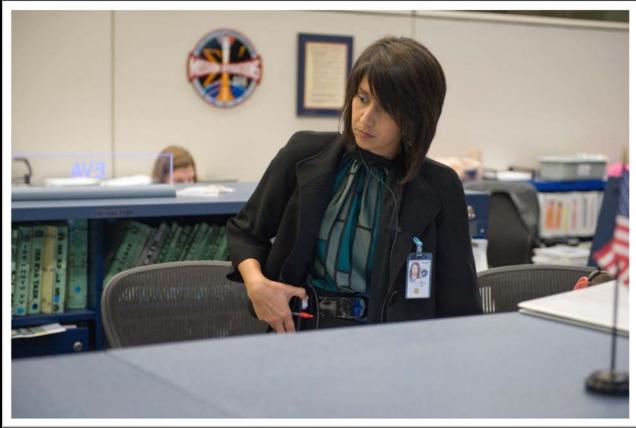




NASA LEADERSHIP IN MISSION CONTROL



Flight Director
The Leader of Mission Control

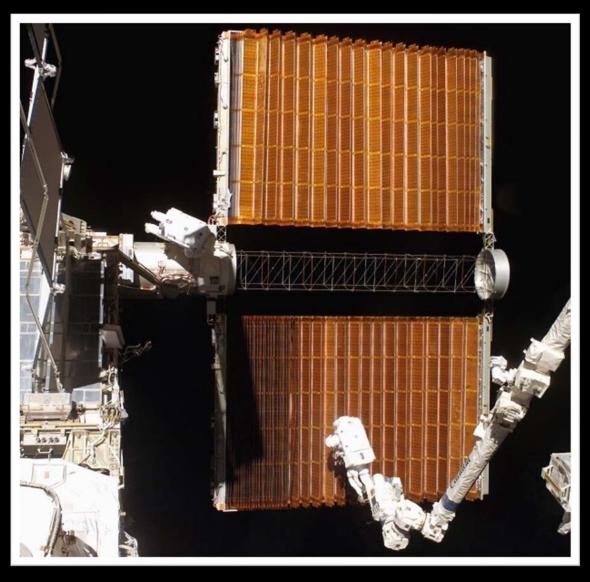


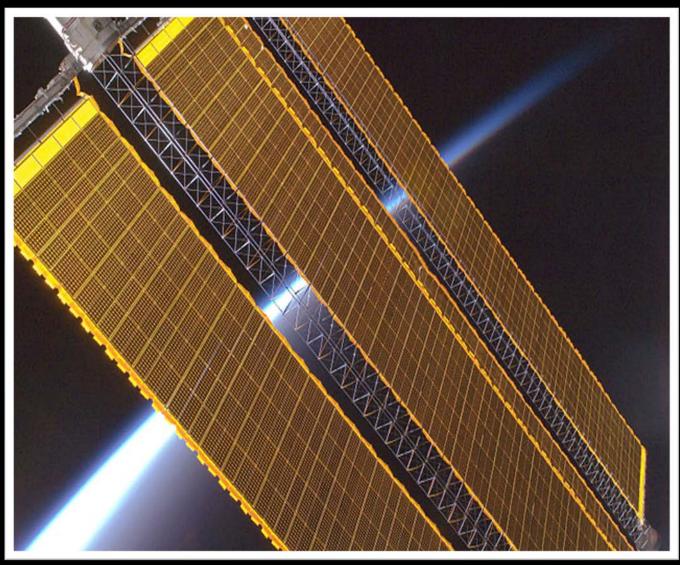
INTERNATIONAL SPACE STATION CONSTRUCTION RESUMES



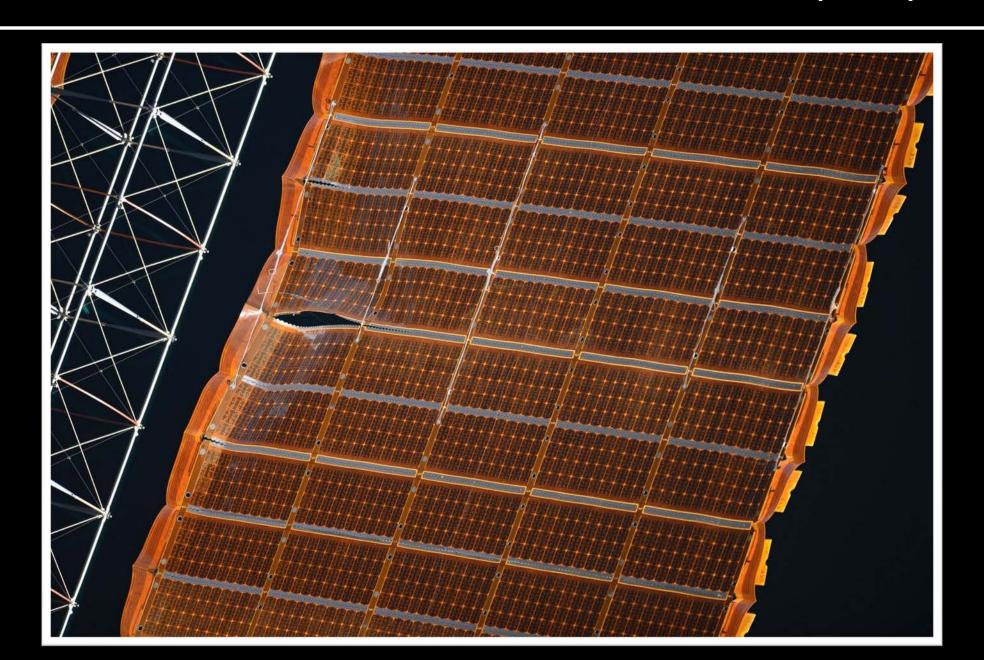


STS-120 SOLAR ARRAY DEPLOY (2007)

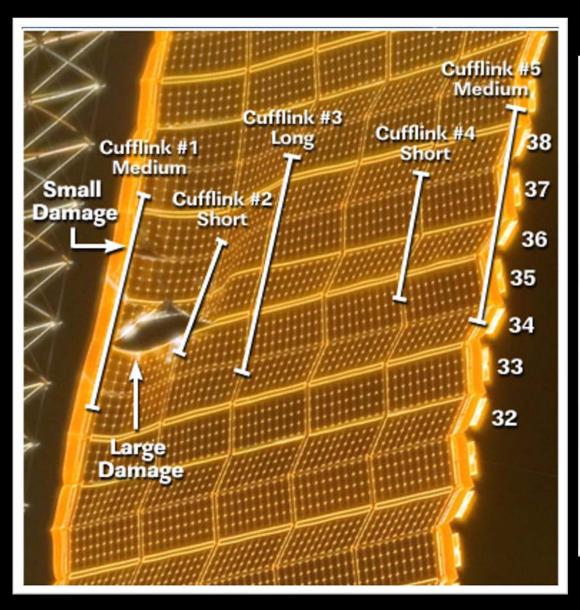


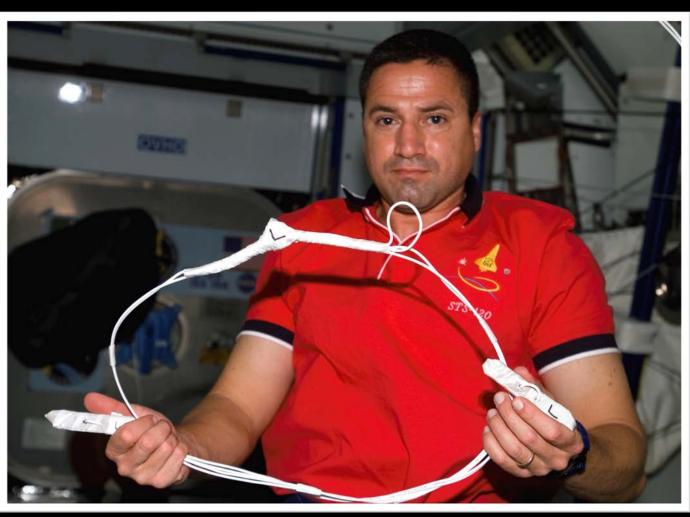


SOLAR ARRAY DEPLOY GOES HORRIBLY WRONG (2007)

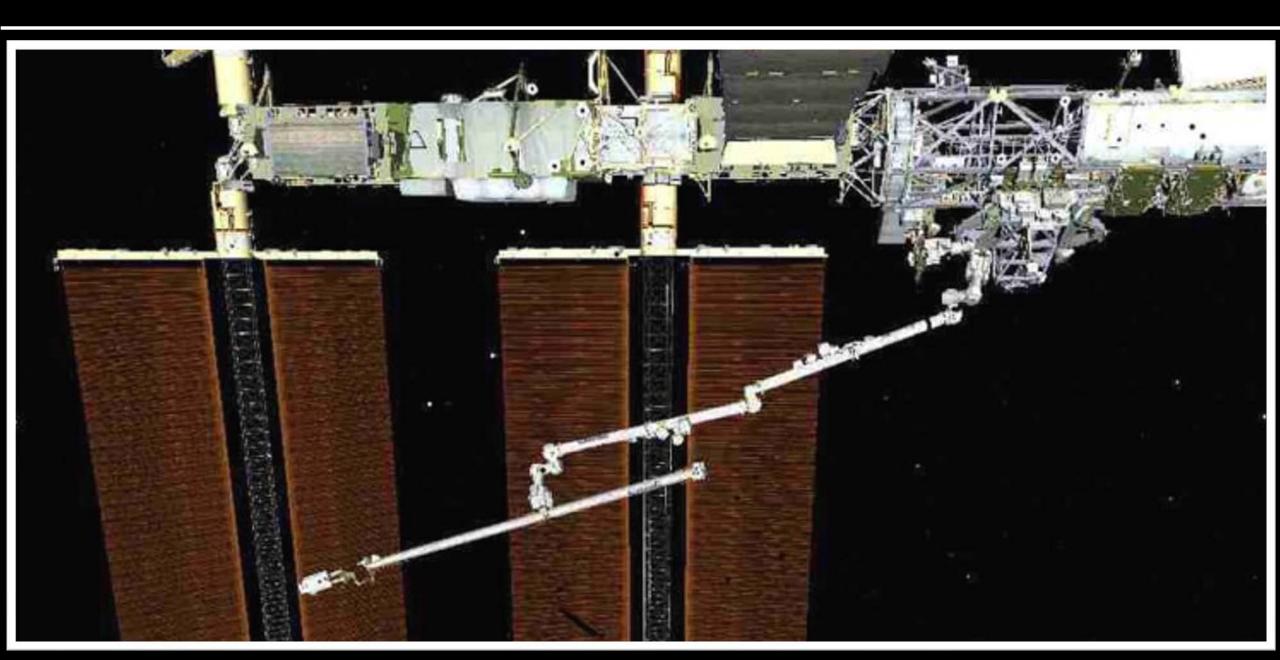


SOLAR ARRAY DEPLOY – ASSESSING SOLUTIONS

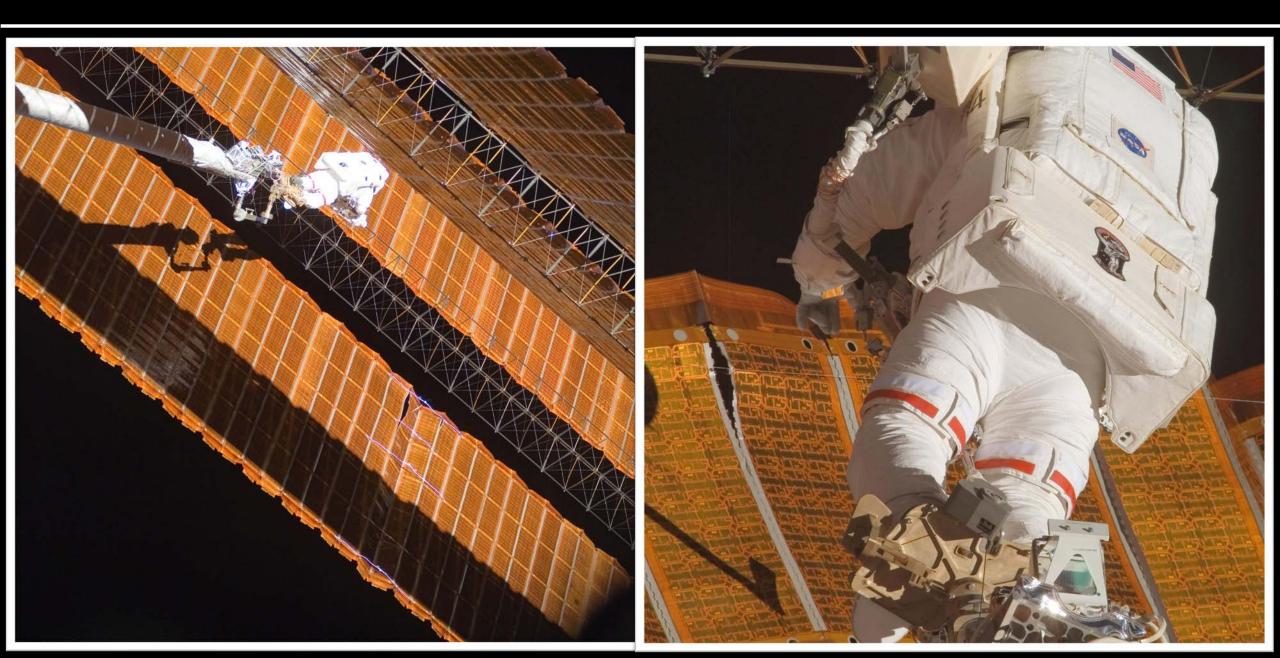


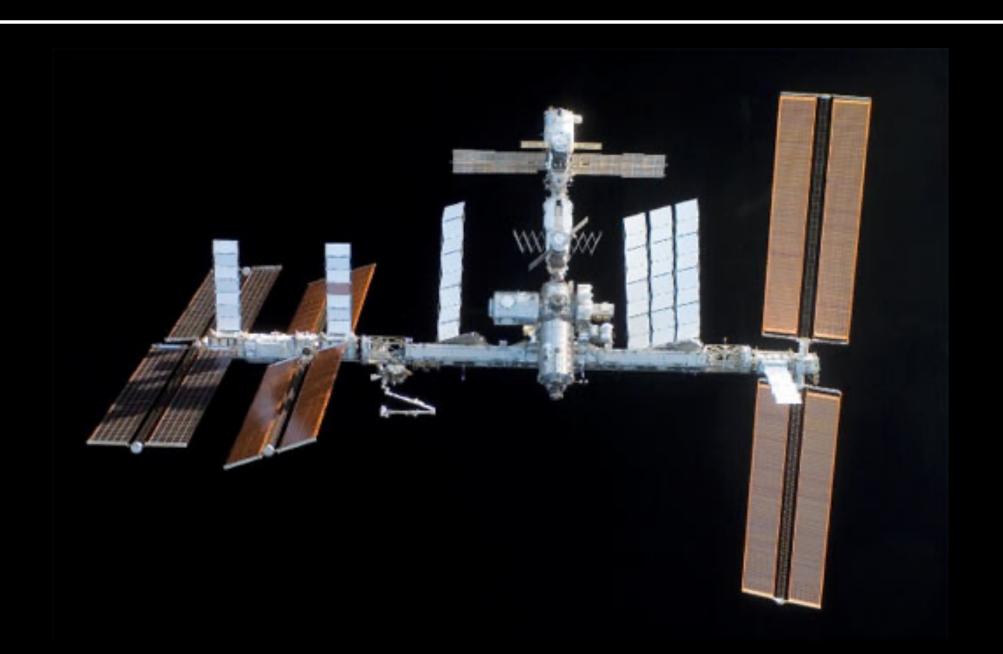


SOLAR ARRAY DEPLOY – ASSESSING SOLUTIONS

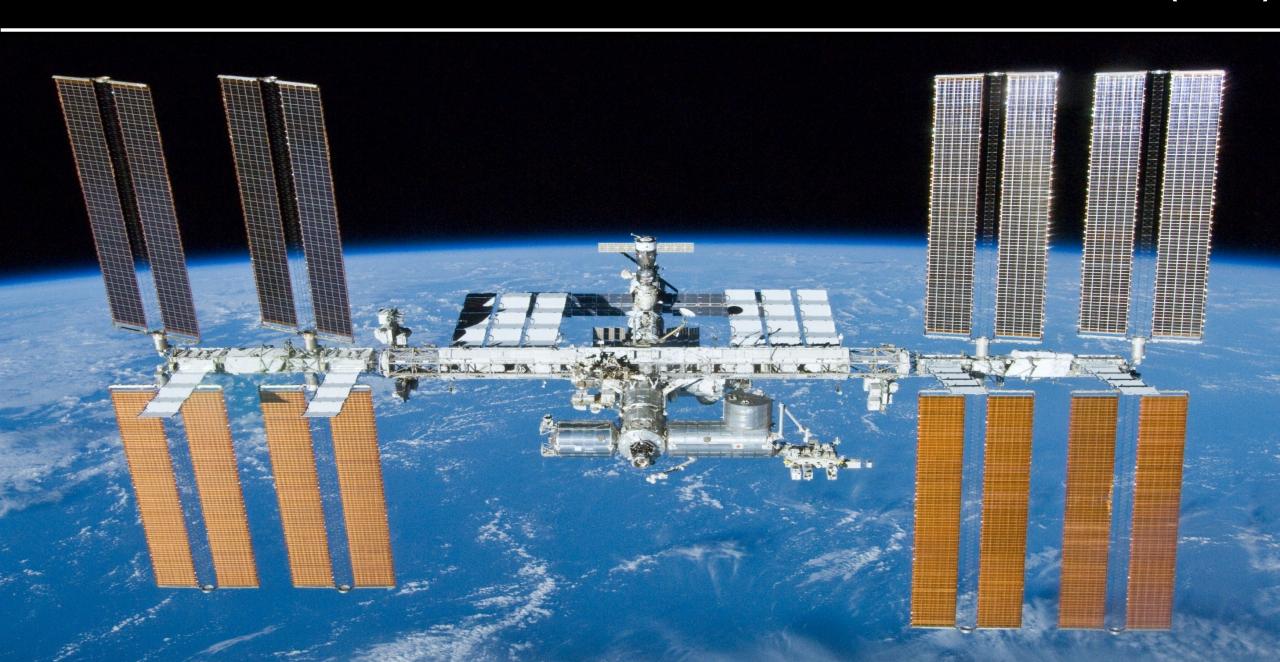


SOLAR ARRAY DEPLOY – EXECUTING THE PLAN





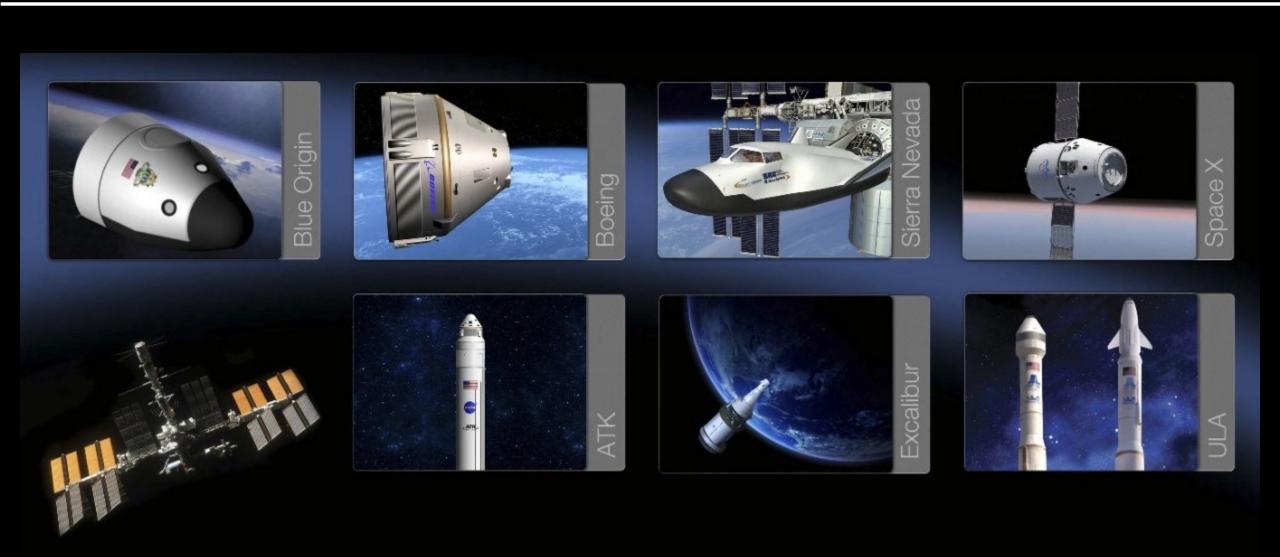
INTERNATIONAL SPACE STATION CONSTRUCTION COMPLETE (2011)



SPACE SHUTTLE PROGRAM ENDS (2011)



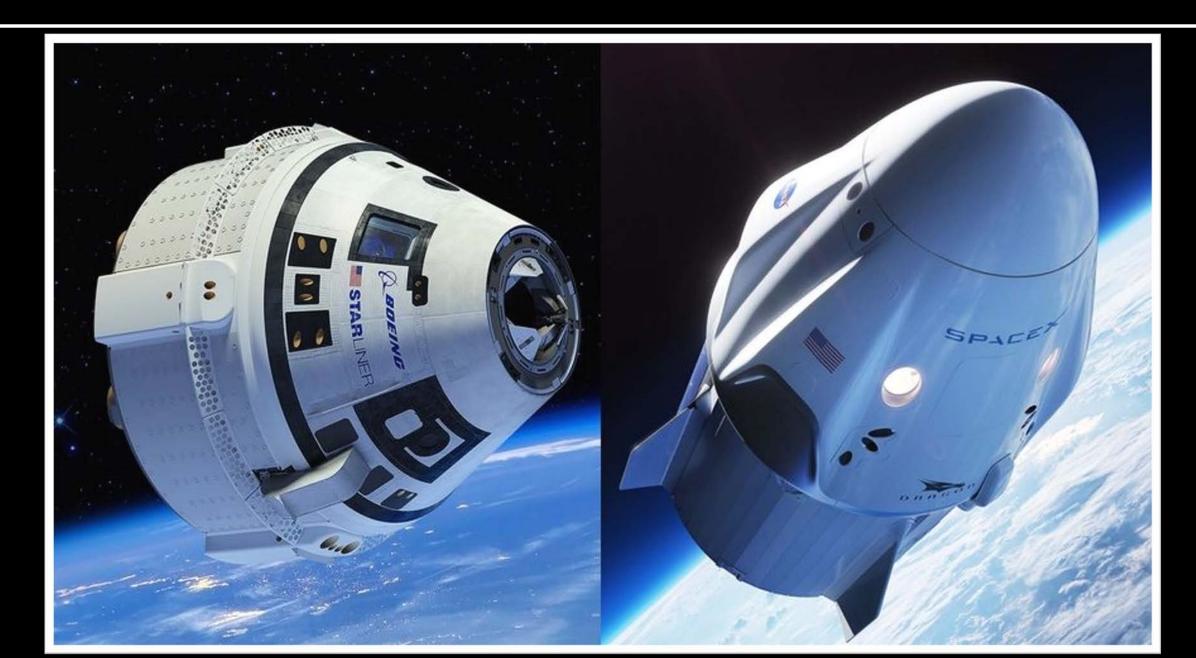
COMMERCIAL CREW PROGRAM BEGINS (2011)



COMMERCIAL CREW DELAYED – ALTERNATIVE ACCESS TO ISS (2011-2019)



COMMERCIAL CREW PROGRAM AWARDS CONTRACTS (2014)



INFLUENCE LEADERSHIP







Flight Integration Division Chief (2016-2020)

Responsible for crew and vehicle safety, training, payload operations, vehicle hardware and software, vehicle testing, and launch, landing, and recovery operations

FIRST UNCREWED TEST FLIGHT - SPACEX DEMO-1 (2019)

Demo-1 Launch Ushers in 'New Era in Spaceflight'

private partnership. The mission also marks a

Anna Heinev

March 2, 2019

CCtCap, Commercial Spaceflight, International Space Station, Kennedy Space Center, NASA,

The Demo-1 uncrewed flight test to the International Space Station, SpaceX's inaugural flight with NASA's Commercial Crew Program, is underway following the successful launch Saturday morning of the company's Falcon 9 rocket and Crew Dragon spacecraft. The first-ofits-kind mission, planned to be a full demonstration of the spacecraft and its systems, launched on time at 2:49 a.m. EST from Launch Complex 39A at the agency's Kennedy Space Center in Florida. Demo-1 is the first flight test of a space system designed for humans built and

operated by a A two-stage SpaceX Falcon 9 rocket lifts off from Launch Complex 39A at NASA's Kennedy Space Center in Florida for Demo-1, the first commercial company through a public-

uncrewed mission of the agency's Commercial Crew Program. The on-time liftoff occurred at 2:49 a.m., Saturday, March 2, 2019. Photo credit: NASA

significant step toward returning to the nation the capability to launch astronauts on a U.S.-built spacecraft from U.S. soil.

MEANWHILE ... BOEING CST-100 UNCREWED TEST FLIGHT (2019)

BOEING'S STARLINER FAILS TO REACH SPACE STATION

by: Tom Nardi

89 Comment

December 20, 2019



After a decade in development, the Boeing CST-100 "Starliner" lifted off from pad SLC-41 at the Cape Canaveral Air Force Station a little before dawn this morning on its first ever flight. Officially referred to as the Boeing Orbital Flight Test (Boe-OFT), this uncrewed mission was intended to verify the spacecraft's ability to navigate in orbit and safely return to Earth. It was also planned to be a rehearsal of the autonomous rendezvous and docking procedures that will ultimately be used to deliver astronauts to the International Space Station; a capability NASA has lacked since the 2011 retirement of the Space Shuttle.

NASA completes investigation on flawed Boeing Starliner capsule test flight

By Hanneke Weitering published July 08, 2020

But we still don't know when Starliner will fly again.











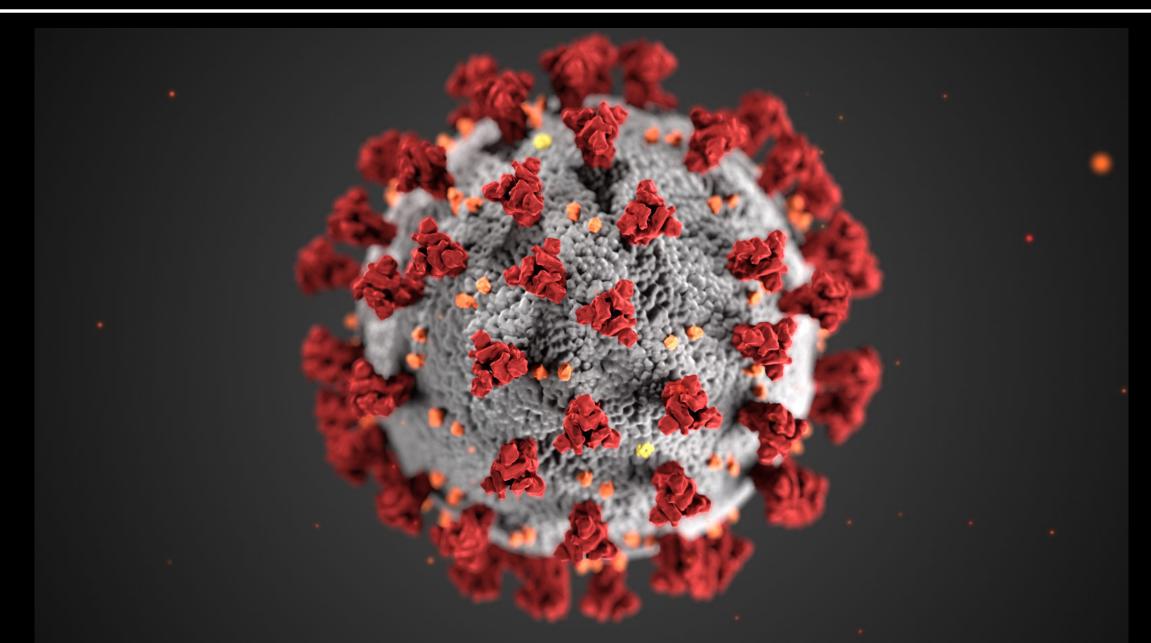






Boeing's first CST-100 Starliner spacecraft on the ground at White Sands Missile Range in New Mexico, shortly after landing on Dec. 22, 2019. (Image credit: Bill Ingalls/NASA)

COVID!!!!!

















ARTEMIS – NASA'S RETURN TO THE MOON



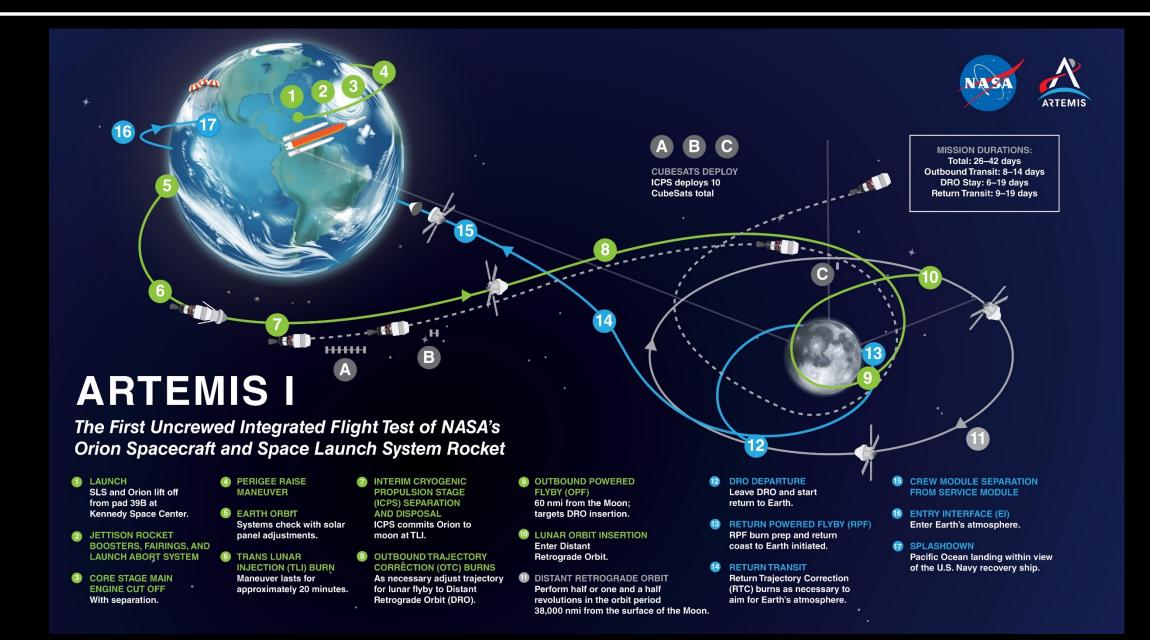
ARTEMIS I – "UNCREWED" TEST FLIGHT

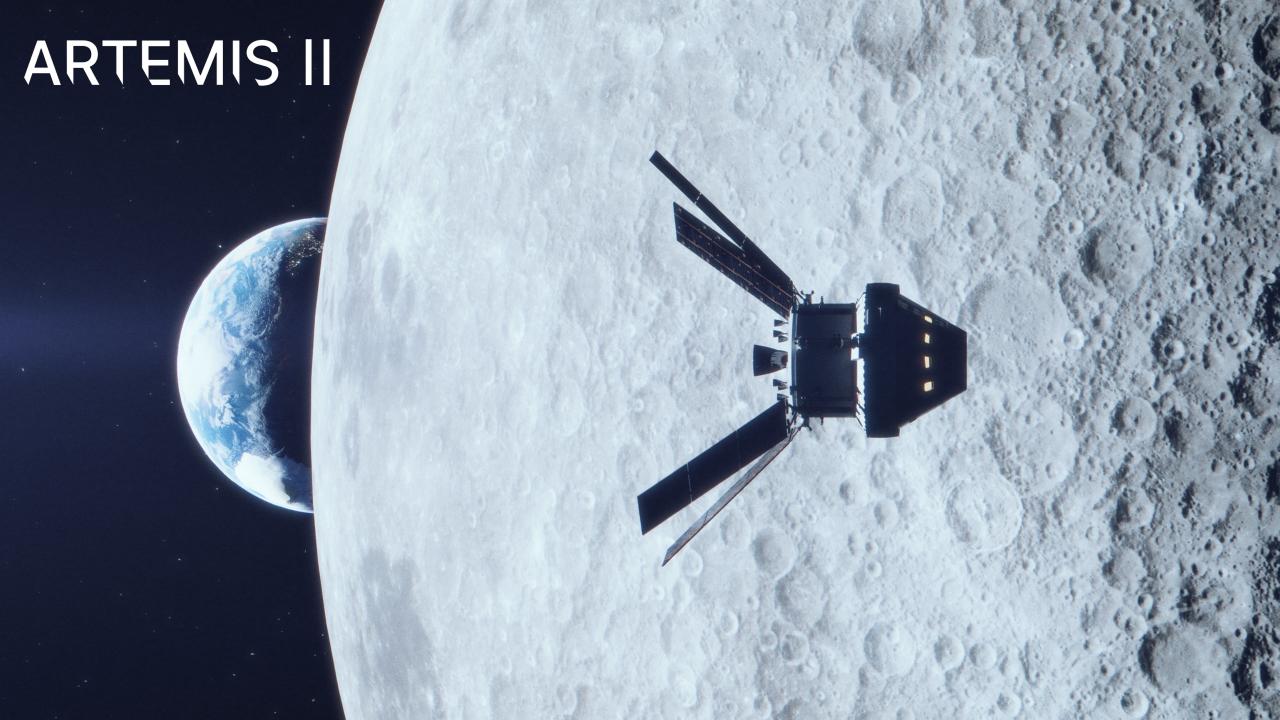






ARTEMIS I







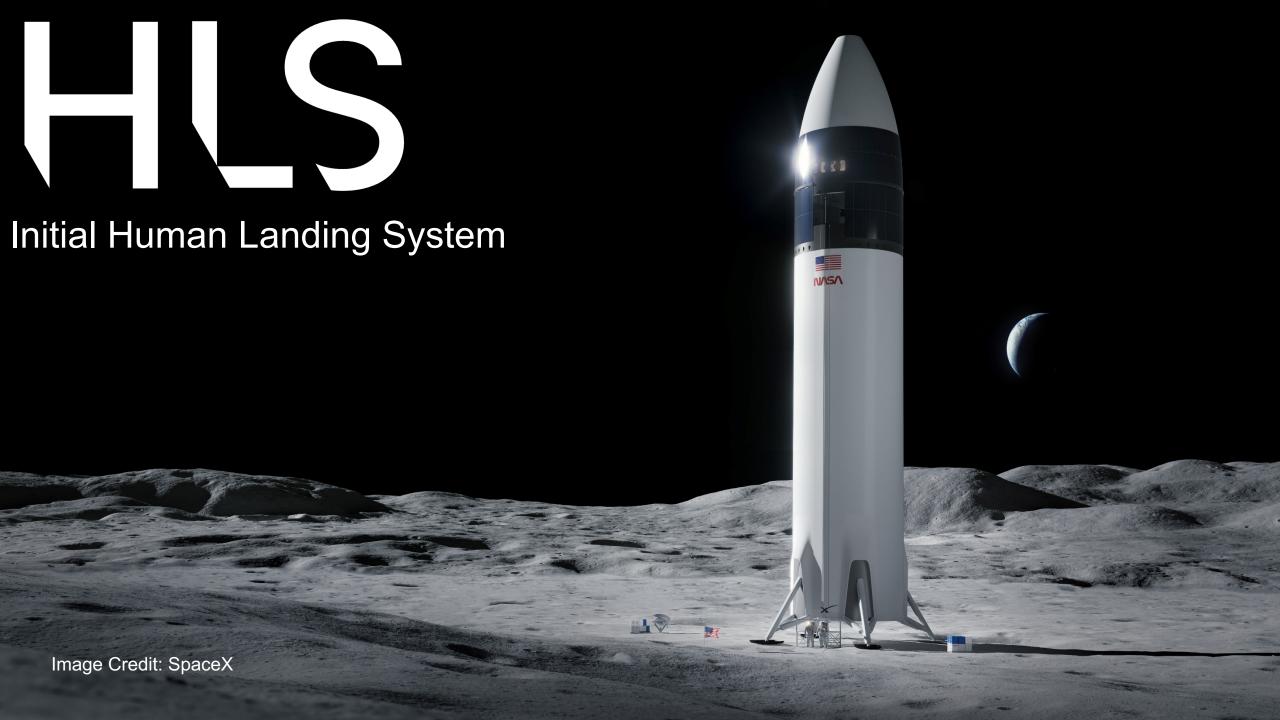




Matthew

Kayla BARRON

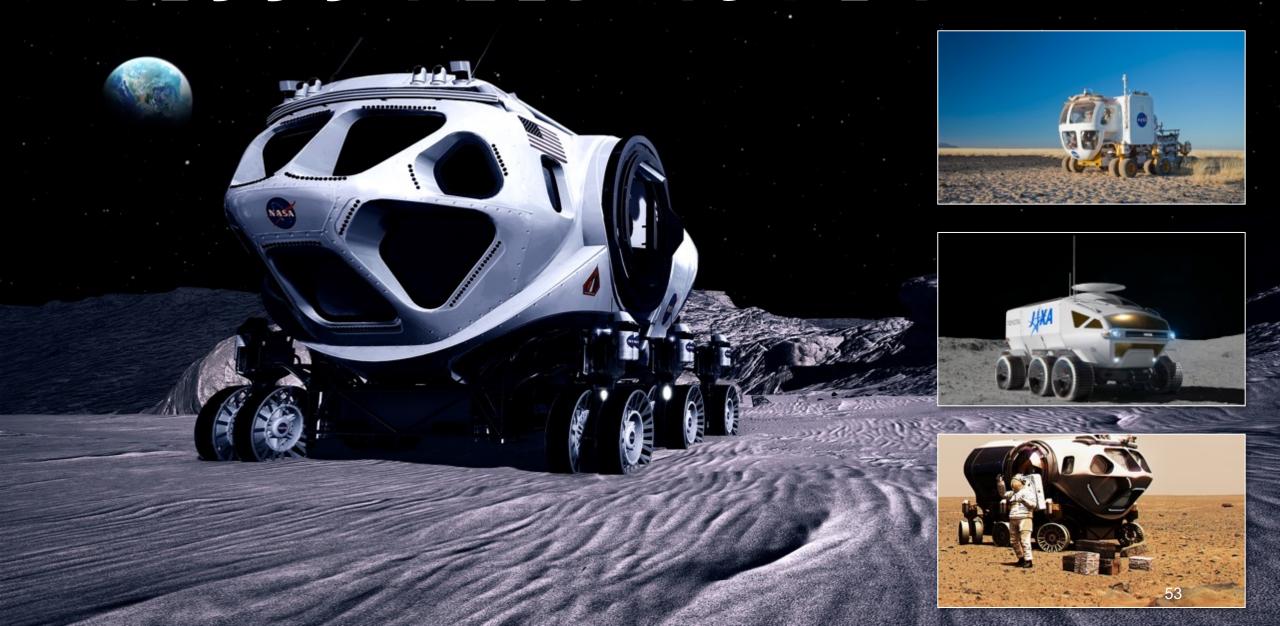








PRESSURIZED ROVER



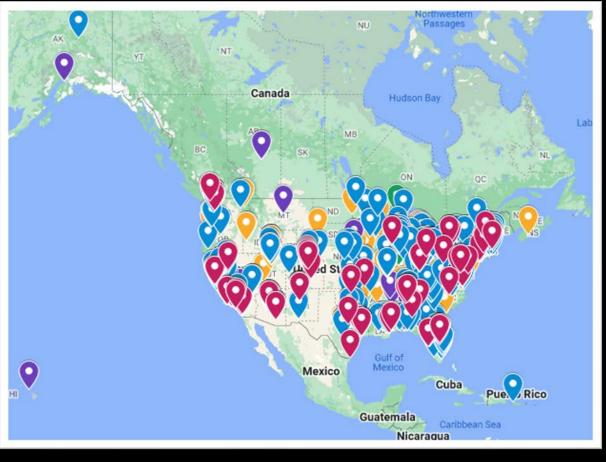


ARTEMIS COLLABORATION

NASA CENTERS



COMMERCIAL COMPANIES



LEADERSHIP LESSONS SUMMARY







- Enable Innovation
- **Build Coalitions**
- Influence Leadership

