



NSSEC

NASA
SPACE
SCIENCE
EDUCATION
CONSORTIUM

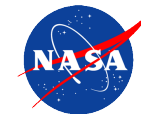


CCMC as a Resource for Education

C. Alex Young
Associate Director for Science
Heliophysics Science Division
Goddard Space Flight Center

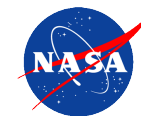
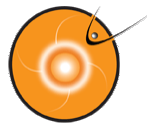
9th CCMC Community Workshop
The Hotel at UMD, College Park
April 25, 2018

NASA SMD Education Goals

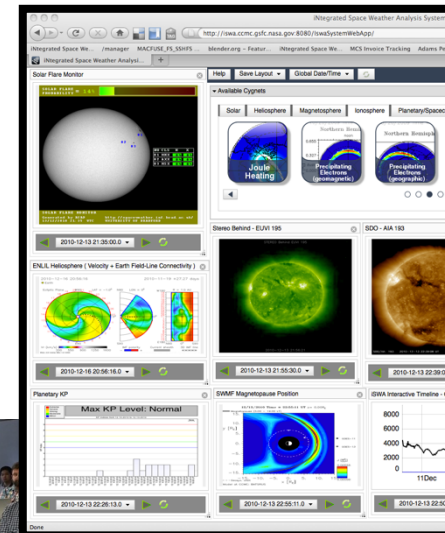


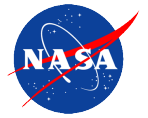
- Improve Science Literacy
 - Scientific Processes
 - Earth Processes
 - Sun-Earth Relationship
 - Solar System
 - Universe
- Enable STEM with SMEs (subject matter experts), Content, and Authentic Experiences
- Advance National Education Goals
- Leverage Partnerships



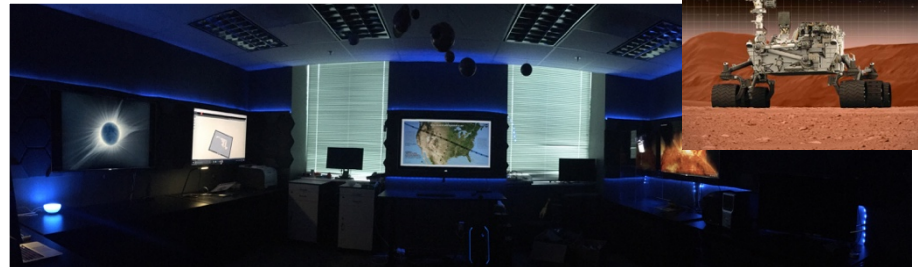
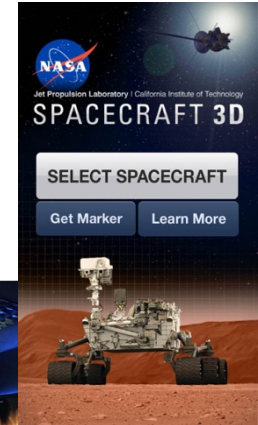
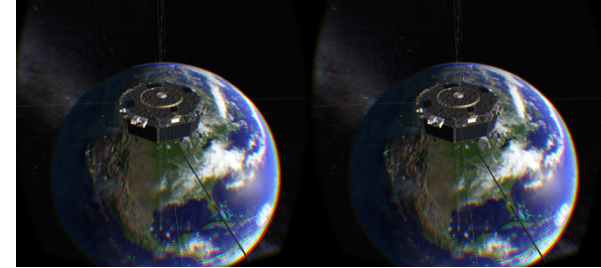


- Broad, comprehensive space science models and data
- Tools, products, and services for models and data
- Large, diverse group of SMEs
- Well attended, well supported training workshops
- Long experience and history working with interns
- Partners across the scientific community
- Partners across public, private, and government communities (including international)

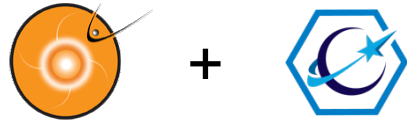




- Access and experience to education evaluation
- **Partners across the education community**
 - Museums
 - Libraries (~7100 libraries)
 - Public TV/Radio (WGBH and Science Friday)
 - Formal and informal communities (26 SMD CANs)
- **Subject matter experts across NASA (all centers)**
- Liason with Office of Education and Communication
- **STEAM Innovation Lab (ed tech)**
- Work with underserved and underrepresented communities
- **SIDE-by-SIDE program analysis**



Education Opportunities for CCMC



- Run the bootcamp through NSSEC SIDE-by-SIDE
- Implement education evaluation
- Citizen science using CCMC tools as framework
- Data is the classroom modules using CCMC tools
- Public facing space weather reports
- Connect with NSSEC afterschool and family science

Thank you!
c.alex.young@nasa.gov

