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
CCMC Resources

- 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)
NSSEC Resources

- 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)
- Liaison 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