



“STEM Collaboration Share-a-Thon” Bringing Space Exploration to your Library

Ginny Golden, Contra Costa County Libraries

ALA Conference
Orlando FL June 25, 2016



NASA's 2014 Strategic Plan

included the following three goals:

- 1. Expand the frontiers of knowledge, capability, and opportunity in space.
- 2. Advance understanding of Earth and develop technologies to improve the quality of life on our home planet.
- 3. Serve the American public and accomplish our Mission by effectively managing our people, technical capabilities, and infrastructure.

NASA's 2014 Strategic Plan

included the following three goals:

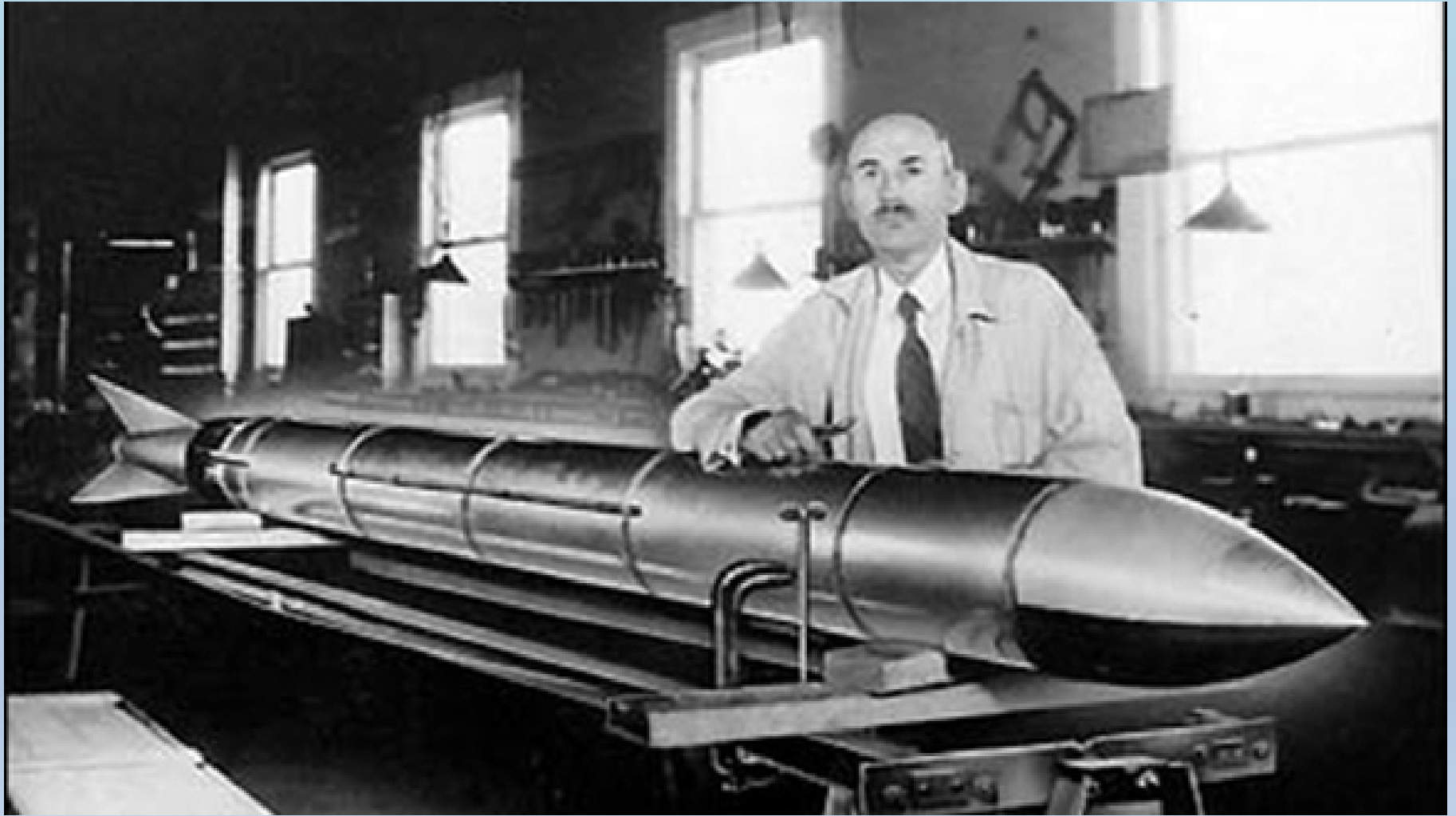
- 1. Expand the frontiers of knowledge, capability, and opportunity in space.

- 2. Advance understanding of Earth and develop technologies to improve the quality of life on our home planet.

- 3. Serve the American public and accomplish our Mission by effectively managing our people, technical capabilities, and infrastructure.

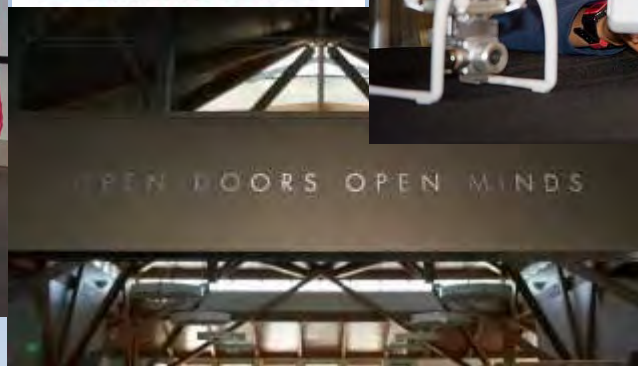
**Reimagine These Same
Goals For Our Libraries**

You don't have to be a Rocket Scientist to bring Space Science to your library.



Phase 1: Define Your Mission

Reimagine your library as a “Learning Center”



Phase 2: Community Connections

Develop your Partnerships



Phase 3: Prepare to Launch!



Phase 4: Reach for the Stars

“AstroBlast!” It’s a Space Party!




Phase 4: Reach for the Stars

“Mission: MARS”



Phase 4: Reach for the Stars

“The Future of Manned Missions to Mars”



THE MARTIAN

>A Special **Science** ^{café} Presentation<

The Future of Manned Missions to Mars

Wednesday, March 4th, 2015
7:00pm to 9:00pm
Community Hall - Doors Open at 6:30
Register: tinyurl.com/TheMartianLLLC -- FREE

Explore the Science of Future Manned Missions to Mars!

New York Times bestselling author of *The Martian* Andy Weir joins Dr. Pascal Lee, Chairman of the Mars Institute, to discuss the science, both fact and fiction, of this sci-fi thriller.

Don't miss this far reaching conversation moderated by NASA Scientist, Dr. Margaret Race.

The Martian, a feature film directed by Ridley Scott and starring Matt Damon, is scheduled to be in theaters on November 25, 2015!



To pre-order a bookend meal, call the Bookmark Café at (925) 283-9999
Menu available at bookmarkcafe.com/events



Phase 4: Reach for the Stars

“Mission: MARS” Take it to the Schools



Phase 4: Reach for the Stars

Our next steps



- A “Year of STEM”
- NASA & Other Grants
- A Conversation with the Astronauts on ISS



Let's Review the Steps

- Reimagine your Library as a Learning Center
- Seek out partnerships-start with your staff, local contacts and experts, schools, science centers, museums, and build from there
- Start small-storytimes, crafts, themed programs, stargazing
- Build off your successes and your community's interests
- Apply these concepts to other STEM topics-not just Space Science
- Remember to Shoot for the Stars!

Resource List/emails

- Ginny Golden- ggolden@ccclib.org
- Dr. Margaret Race- mrace@seti.org
- NASA- www.nasa.gov
- Jet Propulsion Lab- www.jpl.nasa.gov
- SETI Institute- www.seti.org
- Lunar & Planetary Institute- www.lpi.usra.edu
- STAR_Net- www.starnetlibraries.org