NASA’s Mission in Education/Public Outreach (E/PO) with Astrobiology: 
Inspire, Engage, and Educate

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What is Astrobiology?

It is a multidisciplinary science with the goal of understanding the origin, evolution, and distribution of life in the Universe.

Chemistry, microbiology, biochemistry, geochemistry, planetary science, astrophysics, geophysics, paleontology
Is there anyone else out there?
NASA’s Educational Strategic Framework

- Inspire
- Engage
- Educate
- Employ
- Higher Education
- Informal Education
- Elementary & Secondary Education
374 invited talks (2000 - 2015) 
(e.g., Secondary schools; Lifelong Learning; Science Fairs; Teacher Prof. Develop.)

- 2005 Executive Award, Science Teachers Association of New York State (STANYS)

- Associate Director + Co-Investigator + Education/Public Outreach Leader - NASA Astrobiology Institute, 2009 - 2013

- Organizer, Astrobiology Teachers Academy, 2009 - 2013

- Co-organizer, ExxonMobil Bernard Harris Summer Science Camp, 2009 - 2013
**NASA-sponsored E/PO activities**

Annual Astrobiology Teachers Academy

ExxonMobil Bernard Harris Summer Science Camp
WAMC Northeast Public Radio
programming with bi-weekly segments on NASA Astrobiology

(~100 public radio stations nationwide)
Winners of NASA-sponsored Astrobiology Essay Contest at WAMC studio and Awards Luncheon
Members of a Lifelong Learning Organization (UCALL) using flash cards to respond to a question posed by Prof. Delano during an invited lecture about NASA’s Astrobiology program.
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SOMEWHERE
by Ray Goodwin

Somewhere there are mountains
Glistening in the snow
Somewhere there are mountains
That we shall never know

Somewhere there are rivers
Flowing fast and free
Somewhere there are rivers
That we can never see

Somewhere there are oceans
And sun drenched island sands
Forests full of creatures
In vastly distant lands

Somewhere there’s a planet
Beneath an alien star
The people watch our tiny sun
And wonder where we are

One day perhaps we’ll find them
Across the void of space
Perhaps through ways as yet not known
We’ll meet them face to face

Slide from William Borucki
NASA Ames Research Center