

Mission:

The Galatea Odyssey mission is to promote educational ideas on science and technology and global change among students around the world from their personal, cultural perspective. *Contact* takes place through hands-on activities, workshops, and talks while communicating from world sites.

Sharing of Knowledge:

We will interact with many U.S. and international schools throughout our journey to link 8 international destinations with numerous U.S. participants. Possible international sites contact include:

- Puerto Rico
- Panama
- American Samoa
- Australia (Darwin and Cocos Keeling Island)
- South Africa
- Brazil
- Trinidad and Tobago
- United States (Boston)

Throughout the eighteen month circumnavigation, students from these countries will have the opportunity to interact with one another and Galatea's crew to share knowledge, experiences, ideas, concerns, and stories. *Contact* will be carried out in person and via distance. The culmination of the exploration will be a reunion in Boston, MA (4th of July, 2003) hosted at the Massachusetts Institute of Technology (MIT) bringing together student ambassadors from around the world.

In person, we will

- strengthen the bonds of friendships established
- work on improving communications between cultures, world-wide education, and appropriate technologies
- propose ideas and solutions

Educational Themes***Oral History Contact:***

The objective is for students around the Earth to record their feelings, knowledge, and stories of global change in the past three generations (students, parents, and grandparents). The task will be for students to answer several questions about daily life in their school and country. Then the students ask their parents and grandparents the same questions and record the answers from when they were children. The students will have an accounting of three generations of oral history reflecting on the changes and similarities in lifestyle and tradition throughout the last century. U.S. schools will be paired with international sister schools to share, communicate, and learn the oral histories of one another.

Science and Technology Contact:

Professors Gui Trotti and Dava Newman will teach students and offer public talks to international audiences on:

- Living in Space and Sea: Contact with Astronauts and Sailors
- Exploration of Space and Future Contact

In partnership with NASA's Mars robotic exploration program, we plan to link international participants with U.S. schools providing students live video contact, findings of real-time Mars missions, robotic and teleoperation workshops from Galatea.

Geography and Exploration Contact:

Through a living web site students and educators are invited to track and participate in Galatea's circumnavigation. Continuous updates on current location, weather, and ocean conditions will be provided. Also, environmental commentaries and photography will introduce readers to global sea, land, atmospheric, and wildlife *contact* and observations.