



Earth Shine Institute

Earth Shine Institute is Established

On October 18, 2002, The Earth Shine Institute was established as a supporting organization of The Charles A. and Anne Morrow Lindbergh Foundation. Also a non-profit organization, it is based in Florida and presents educational and cultural programs that further the shared vision of Charles and Anne Morrow Lindbergh of a balance between the technological advancements they helped pioneer and the natural environment they cherished.

Among Earth Shine's programs are the **Anne Morrow Lindbergh Shell Coast Poetry Festival**, which was established in 1999 and is dedicated to providing students in Lee County Florida with the opportunity to experience the joy, learning, and centering of thought that comes from writing poetry. Each year in February, Lee County Florida students are invited to submit original poems on themes that are representative of Anne Morrow Lindbergh. From these submissions, 150-170 poems are published in an anthology.

In addition, the Earth Shine Institute arranges a one-day **Lindbergh symposium** each November in Fort Myers, Florida, to explore the life and legacy of Charles and Anne Lindbergh. Such eminent speakers as Dr. Sylvia Earle, Sergei Sikorsky, Reeve Lindbergh, and Russell Schweickart draw on themes from Lindbergh history and show how the issues that interested the Lindberghs still have impact on our lives today.

The Institute's newest program is the **Argonauta Awards**. These awards are given to exhibitors at the Thomas Alva Edison Regional Science and Inventor Fair whose work reflects an understanding of the Lindberghs' vision of balance between technology and the environment. Representatives of the Earth Shine Institute and the Lindbergh Foundation Board select the recipients of this award. Students who receive the Argonauta Award become eligible for a \$500 scholarship from the Earth Shine Scholarship Fund administered by the Southwest Florida Community Foundation.

The Lindbergh Foundation is pleased to have the Earth Shine Institute as a partner in supporting the Foundation and its balance mission.

Earth Shine Institute Officers

<i>Chairman</i> Reeve Lindbergh	<i>Vice Chairman and President</i> Margaret Eiluned Morgan
<i>Vice President</i> Dr. David Robinson	<i>Secretary/Treasurer</i> Steven R. Whitley

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First-Ever Argonauta Awards Presented

Six students were selected to receive the Argonauta Award this year for their projects that reflect an understanding of the Lindberghs' vision of balance between technology and the environment. Two students received awards for their creative inventions.



Eiluned Morgan presents awards to Peter Borden, Christy Johns, Elizabeth Cook, and Timothy Borden.

Mitchell Hoke, 10, designed a product that would help protect Manatees by covering boat propellers with a rubberized cage. **Carly Collins**, 9,

created "The Speaking Hand," a glove designed to help deaf and mute people communicate via a minute keyboard and LCD screen. From the science fair junior division, **Christine Johns**, 12, researched how watering grass with reclaimed wastewater and reverse osmosis brine affects the growth rate of the grass

compared to using potable drinking water. **Peter Borden**, 12, researched the idea of using Neem Oil as an environmentally friendly way to manage the mosquito population. And from the senior division, **Elizabeth Cook**, 16, researched how the water hyacinth could be used to remove mercury in the Everglades. **Timothy Borden**, 17, has been working to determine the impact of African dust bacteria on the ecosystem. Interestingly, Charles Lindbergh was the first person on record to collect African dust for this kind of analysis.

This year, the inaugural year of these Awards, the Earth Shine Institute awarded \$500 college scholarships to all six awardees.

Upcoming Events

2003 Poetry Festival Reading	April 26, 2003
"Wings to Lift the World" Symposium	Nov. 15, 2003
Friends of the Foundation/Institute Event	Feb. 2004
"Gift from the Sea" festival	Nov. 15-19, 2005

“Earth Shine: The Shared Vision, The Shared Legacy of Charles & Anne Morrow Lindbergh”

On November 15, 2002, the second symposium of what is to become an annual event was held at Florida Gulf Coast University. This and future symposiums focus on the Lindbergh history in the context of Charles and Anne’s passion for preservation of our environment while embracing technology.

Although Charles Lindbergh and Igor Sikorsky were born before the Wright brothers flew, both were fascinated with flying. Igor’s son, **Sergei Sikorsky**, described how only 9 1/2 years after the Wright Brothers flight, his father built, and flew, the first multi-engine aircraft, and in August of 1914 when he was 25, he flew from St. Petersburg, Russia, to Kiev



Sergei Sikorsky

(850 miles) in a single day. A remarkable accomplishment at a time when a 25-30 mile flight was considered a great distance. After the Russian Revolution, Igor Sikorsky started his first airplane factory at a chicken farm at Roosevelt Field. Ironically, one of Sikorsky’s planes would compete against Lindbergh for the Orteig prize.

In the early days of Pan American Airways, Lindbergh tried out the single-engine Sikorsky S-38, recommending it for the new airline. Sergei told a delightful anecdote about how his father, Lindbergh, and the crew of an S-40 went out to dinner and sketched ideas for the next generation of aircraft (ultimately the S-42) on the back of the menus.

John Nance captivated the audience with intriguing stories of meeting Charles Lindbergh in the Philippines in 1969 as a young Associated Press reporter. Lindbergh traveled to the Philippines, with his son Jon, because of their concern for preservation of endangered plants and animals including the “monkey-eating” eagle and the tamaraw buffalo. Lindbergh told Nance, “I had an unusual seat on the world, flying over it as I had since the 1920s, I first saw the fences on small family farms go down and bigger farms emerge, then saw oceans polluted, great forests cut, strip mines gouge ugly holes in the earth—and more.”

Lindbergh’s concern led him to various remote areas in the Philippines over a four-year period. In 1971, at the age of 69, Lindbergh jumped from a helicopter onto a tree-top platform to visit the Tasaday people who lived a stone-age lifestyle, and believed their rainforest was the whole world. Lindbergh admired their intimacy with the environment and appealed to President Marcos for land to preserve their culture and forest.

Marcos designated a 45,000-acre preserve. Nance stated, “because of Charles Lindbergh they are still in the rainforest. Charles leaves a legacy there today.”



From left: John Nance, Robert White, Michael Collins, Reeve Lindbergh, Rusty Schweickart, Eiluned Morgan.

Russell Schweickart enticed the audience with fascinating facts and visuals about near Earth asteroids (NEAs), but not before he recalled meeting Lindbergh before and after his Apollo 9 flight. He fondly remembered meeting Anne as he read *Gift from the Sea*. One year later, in 1969, Rusty flew a

scallop shell into space for Anne. He tenderly recounted presenting the shell to Anne at a Lindbergh Award Event in 1985.

As for the asteroids, Schweickart and a group of others have formed the B612 Foundation (named after Saint Exupery’s book, *The Little Prince*) to develop and use technology to detect asteroids and terminate their threat to the Earth by changing their orbit. Although the probability of a collision is small, the potential damage to the environment could be devastating.

Apollo 11 astronaut, **Michael Collins**, eloquently described the view of the Earth from space. Anne Morrow Lindbergh’s book *Earth Shine* is comprised of two essays, one written following Anne and Charles’ visit to Cape Kennedy for the Apollo 8 launch in 1968. Of that flight, Charles wrote, “what a fantastic experience it must have been – alone looking down on another celestial body, like a God of space!” Collins recalled the “aloneness and awareness” of being on the back side of the moon where there was no radio contact, and said that a great “awareness comes from the view of the Earth from a great distance.” His best memories from space were of the earth’s oceans and he remarked: “They are our treasures...I fear for them.”

Dr. Robert White gave a “good news/bad news” report on global environmental issues ranging from global climate change and reduction in fish populations to the positive reduction in the ozone hole over Antarctica and an increase in grey and humpback whale populations. Focusing on Charles Lindbergh’s commitment to a sustainable environment and his public work with the World Wildlife Fund, Presidential Advisory Council on Environmental Quality and others, White pointed out the importance of individuals getting involved and taking action on behalf of the environment. “Lindbergh’s work contributed to a lot of conservation efforts [referring to preservation of whales] and his interest was coincident with critical issues arising at a critical time,” stated White. When asked the question, can we still save the planet, White replied, “There is exactly enough time starting right now.”