

The Charles A. and Anne Morrow

LINDBERGH • FOUNDATION

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August 2007

Challenges Abound — Perspectives Revealed

Life is full of challenges. Sometimes we seek them out, and sometimes they appear as opportunities in disguise. Sometimes we recognize them; sometimes we ignore them. As this year's Lindbergh Awardees revealed their personal "Perspectives on the Earth — from Home, Above and Beyond," each also discussed challenges — past and present. Their overall message was to stand up and take those challenges head-on.

Lindbergh Foundation corporate and individual sponsors, associates, and friends — new and old — gathered on May 16 for the 30th annual Lindbergh Award Celebration. What a grand time it was! The evening was filled with an abundance of delicious food, great conversation, a delightful array of silent auction items, and best of all — awardees whose messages were both inspirational and timeless. The Foundation was also pleased to welcome St. Paul Mayor Chris Coleman. During his greeting, Mayor Coleman took the opportunity to share St. Paul's outstanding commitment to the environment.

After dinner beneath a replica of a Curtiss JN-4 "Jenny," (Charles Lindbergh's first plane was a *Jenny*), the crowd moved to the auditorium for the start of the much-anticipated award program. Miles O'Brien, Foundation board member and CNN correspondent, served as the Master of Ceremonies. In his opening remarks, O'Brien said, "... We celebrate and embrace a philosophy of stewardship of our little spaceship Earth that is optimistic and pragmatic — and celebrates our collective ingenuity. Hugging trees may be fun, but it won't save us from environmental ruin. The people we honor here tonight understand this and are dedicated to doing something about it. We salute them all."

Prior to inviting Clare Hallward, chairman of the Lindbergh Grants Selection Committee, to announce this year's 2007 Lindbergh Grant recipients, O'Brien eloquently captured the



L-R: Foundation President Knox Bridges; Robyn Beavers, Google; Dr. Michael Fay; Foundation Vice Chairman Clare Hallward; Astronaut Eugene Cernan; Erik Lindbergh; Sarah Susanka.

Lindbergh's concept of technological and environmental balance when he said, "Like all pilots who have followed the trails they blazed in the sky, the Lindbergh's saw the hand of God and the genius of man in one glance at the horizon."

Spirit Award

An outstanding representative of "pioneering achievements in an aviation career and a spirit and character that represents the best of this nation," Capt. Eugene Cernan, the last man on the moon, proudly accepted his Spirit award. The stunning bas-relief of the *Spirit of St. Louis* was created and donated by noted St. Louis Sculptor Don Wiegand, and The Wiegand Foundation, Inc.

Capt. Cernan began his remarks with heartfelt thanks and a touching series of stories about his daughter Tracy's childhood impression of her dad as an astronaut about to embark on a trip to the moon. After he returned home, however, she was mostly interested in when he could take her camping. Cernan reflected on how he traced her initials in the dust on the moon, then shared a story

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Letter from the President



Dear Friends,

With the 2007 Lindbergh Award Celebration still fresh in my mind, I want to tell you that the Lindbergh Foundation's annual celebrations are among the most inspirational events I attend each year. This year was no exception. I was also extremely encouraged by the overwhelming turnout from our 2007 Lindbergh Grant recipients. Nine of our 14 grant recipients attended the Award Celebration this year. That's more than we've ever had.

This year, I had my first opportunity as President of the Lindbergh Foundation to address the Foundation's audience of new and long-time friends. It was an incredible experience to stand before that group. There were famous faces, explorers and flyers, and important people from corporations and the community. I knew that many of them had made incredible contributions over the years on behalf of aviation, industry, the environment, and society in general. But, my awe of those before me was overshadowed by the announcement I was about to make that night.

Now, I am just as delighted to make that announcement to you. A new \$250,000 matching gift has been made. A very generous donor has pledged to match all associate and unrestricted gifts to the Lindbergh Foundation up to \$250,000. This is the first gift of its kind in the Foundation's 30-year history. I am very excited about this new program because it means that every gift to the

Foundation is not only tax-deductible to you, but will be doubled – giving it twice the impact! In the coming months I will be working very hard to raise the money needed to meet this challenge grant. You can help.

Recently, a friend of the Foundation asked that contributions be made to the Foundation in honor of his wedding. What a thoughtful way to support the Lindbergh Foundation. We are enormously grateful for this kind gesture.

We enjoyed a terrific response to our first on-line silent auction in connection with the 2007 Lindbergh Award Celebration. As a result, the Foundation plans to periodically offer very special items for auction. If you are interested in being notified about these outstanding opportunities, please contact the Foundation office at info@lindberghfoundation.org to get your e-mail address on our database.

As I stated in my last letter, our desire is to increase the Foundation's endowment and realize annual income through donations of \$350,000. With the matching grant program, we're on our way. I hope you'll help make our goals possible by giving as generously as you can. Every gift, large or small, makes a difference.



Director News

Lindbergh Foundation Welcomes New Board Member

Shawn A. Dorsch



The Lindbergh Foundation is pleased to welcome Shawn A. Dorsch as its newest board member. A true entrepreneur, Dorsch brings a strong background in finance, aviation, and international business along with his desire to help the Foundation.

Dorsch is currently President, Chief Operating Officer, and co-founder of Blackbird Holdings, Inc., a small multi-national electronic trading system for interest rate derivatives in Charlotte, North Carolina, with wholly-owned subsidiaries in the U.S., U.K., and Japan. He also serves on the board of directors of the North Carolina Japan Center, and as Vice President of the board of directors of the Carolinas Aviation Museum.

Previously, Dorsch worked at Wachovia Bank, where he was Vice President of Interest Rate Swaps Trading for two years. Prior to that, he worked for JP Morgan & Co., for six years in equity derivatives trading, and Burroughs Japan KK (Unisys) for a year on the ATM Technical Sales team stationed in Tokyo.

A 1986 graduate of North Carolina State University, Dorsch holds a Bachelor of Arts degree in Economics. He also completed the Advanced Summer Japanese Program at Yale University the same year.

Dorsch is an FAA multi-engine instrument rated pilot, has strong contacts with the aviation community in Japan, and is a member of AOPA, EAA, ICAS, American Bonanza Society, Bonanza Museum Founding Member, US Air Force Association, and the OV-1 Mohawk Association. Dorsch and his wife, Hisako, reside in Charlotte, North Carolina.



Miles O'Brien (left) presents the Spirit Award to Capt. Eugene Cernan at the 2007 Lindbergh Award Celebration on May 16.

about introducing his 11-year-old grandson, (who was in the audience with Cernan's wife, daughter and son-in-law) to Erik Lindbergh. After explaining that Erik retraced his grandfather's New York-to-Paris flight in an airplane, Cernan tearfully looked at his grandson and said, "The challenge I give to you is to trace the steps of your

grandfather back to the moon."

To illustrate his viewpoint on the significance of some of this country's historic achievements and the true meaning of the Spirit Award, Capt. Cernan spoke about technology and challenges. "Aviation, and space, has been a romance for well over 100 years. Maybe it's because of the challenge of doing what has never been done before," he said. Considering the technology used by the Wright brothers at Kitty Hawk, Charles Lindbergh to cross the Atlantic, and the technology of Apollo, which made Neil Armstrong the first man to set foot on the moon, Cernan said, "We're not here to recognize the significance of the technology that made all these events possible. The technology is obsolete, long since overshadowed by time. You've got more technology in the palm of your hand than we had to fly to the moon." Instead, he stated, "We're here to celebrate the spirit of these men, the spirit of their human endeavor, the legacy of the challenge that they were willing to accept."

Over the years, many challenges have been made to inspire people. Charles Lindbergh was inspired by the \$25,000 Orteig Prize for the first non-stop flight from New York to Paris. Many people have been inspired to climb Mount Everest simply for the challenge of it, and of course, Cernan pointed out the challenge made by President Kennedy, which sparked the race to space. "This is the essence of the spirit of Lindbergh, and these awards tonight, and what we all believe in. And that's why I am so honored to receive this award," said Cernan.



Anticipating the question everyone wanted to know, Capt. Cernan told the audience his personal "Perspective on the Earth – from Beyond." "The window begins to fill with the entire Earth," he said. "It's almost like you could stick out your hand, if it were long enough, and grab that jewel of ours that we take for granted all too often and hold it close. It's truly a unique and special experience."

As he closed, Cernan said, "Science and technology is a phenomenal thing. It got me to the moon, and it set me on a plateau. I looked back home at the beauty of this Earth, that, from my point of view, was just too beautiful to have happened by accident."

Anne Morrow Lindbergh Award

For her "outstanding individual achievement, spirit of initiative, and work that exemplifies great dedication toward making positive contributions to our world," Sarah Susanka said she was honored to accept the Anne Morrow Lindbergh Award. The hand-blown



"The Not So Big Earth," the symbol of this year's Anne Morrow Lindbergh Award, sits atop the podium during Sarah Susanka's acceptance speech.

glass globe, titled "The Not So Big Earth," was created and donated as the Anne Morrow Lindbergh Award by Eric Hopkins, of Hopkins Gallery, in Rockland, Maine.

Ms. Susanka's remarks were centered around her new book, "The Not So Big Life," which put forth her challenge to the audience – to scale down our lives and focus instead on the importance of leading a balanced life. Giving the audience a crash course on the "Not So Big" concept, Susanka's entertaining slides, witty remarks, and practical advice drew a great response from the crowd. Referring to her childhood growing up in a small village in England, Susanka joked, "My version of a trip to the moon was going to the United States" where the population of the high school was three times the size of the village she came from.

Living the "not so big life," Susanka explained, is to cast off the burdens of constantly striving for more and begin to recognize when we have enough of anything. Then seek other ways of engaging our lives to satisfy our cravings for "more." "We're fast-forwarding through our lives and missing the point," she said. "We're living in a state of perpetual overwhelm. All our stuff is running us."

In unexpected harmony with Capt. Cernan's talk, Susanka demonstrated her "Perspective on the Earth – from Home." It's all about scale. To illustrate her concept, Susanka showed the relationship between the size of the Earth to the Sun and other planets, and correlated that to our lives. "We are minute," explained Susanka. "We imagine that we must control lots of stuff. But we're not in control of this process." Rather, Susanka suggests that people focus on what they are truly passionate about. "Learn to listen to those inner longings, because that is the bridge to a sustainable future. The key is to find ourselves in our own lives," she said. "If we all followed our passions, this would be a most amazing place to live. The creativity would be beyond our wildest dreams."

Corporate Award for Balance



our environment, is demonstrated through their business practices. Accepting on behalf of Google, **Robyn Beavers**, Corporate Environmental Programs, said, "The Lindbergh Foundation has set forth a legacy of innovation in technology and a positive impact on how we can change our way of life." She explained that Google believes the environment is a topic not just for corporate leaders, but for everyone. She stated that **Google** challenges their employees to make sustainable decisions in their own lives, and helps them do it.

During the introductory video, a few of Google's environmental initiatives were revealed. Employees who leave their cars at home may have the company donate money to their favorite charity. Google gives employees \$5,000 toward the purchase of a hybrid car, and runs its own free employee bus service.

Following the installation of the solar panels on the Googleplex, the company expects it will save \$15 million over the 30-year life span of the panels. Google co-founder Sergey Brin said in the video tape, "I think people have always thought you can either be green or you can be profitable. That to be green is a burden on the economy. But what we are finding is that is not true. As we make our systems cleaner, we find we are saving money as well as saving the environment."

Lindbergh Award

For 30 years, the Lindbergh Foundation has honored individuals for their significant contributions toward balancing technology

and the environment. In a statement, Dr. James Deutsch, director of the Wildlife Conservation Society's Africa Program said, "Mike Fay has clearly led the way for the conservation community in his innovative use of available technology for the purpose of identifying threats to the Earth's natural wonders and galvanizing public support to save these treasures."



Miles O'Brien presents the "Evolution of Spirit" as the 2007 Lindbergh Award to Dr. Michael Fay. "The Evolution of Spirit," was created by Erik Lindbergh.

Dr. Michael Fay's work using aircraft, hi-tech cameras and GPS technology to study the environment and the human footprint made him a perfect recipient for the Lindbergh Award. A seasoned pilot, Fay's "Perspective on the Earth" comes largely from "Above." He stated that he enjoyed having pilots in the audience because they understand the "special feeling pilots have for their planes." Fay expressed his awe at being in the same room with a man who had been to the moon and said with deep respect, "You guys were flying the stick, virtually the whole way."

Turning then to the heart of his presentation, Fay captivated the audience with stunning and sometimes shocking photographs that he and photographer Nick Nichols of National Geographic had taken in Chad. As he spoke, Fay pointed out society's next big challenge: the realization that the Earth must provide for nine billion people. "Putting solar panels on a building is a great first step, but if we're really going to do it, it needs to be a bottom up solution. It's going to take not just one building, but every single individual on the planet to line up on the realization that we're not going to colonize the universe."

Using the Zakouma National Park in Chad as an example, Fay explained that although it appears there is an abundance of nature in this park, which he estimated to be about the size of the city of Minneapolis, the numbers of wildlife since 1970 are drastically reduced. Thirty years ago, he said, there were hundreds of thousands of animals living in Chad. Now, mere thousands remain in the park. Poaching continues. Animals are forced to leave the relative safety of the park to survive, and humanity continues to encroach.

According to Fay, the redwood forest in California is a microcosm of issues facing the U.S. today. To draw attention to this issue, he announced his next project. Fay told the audience that he plans to walk from the very southernmost redwood tree near San Luis Obispo, California, to the very northernmost redwood tree across the border into Oregon. This trek will take a 21st century



look at the forest *and* the trees. Fay believes the redwood forest is a model for what we need to do to sustain life on Earth. The volume of harvestable trees in the redwood forest, he explained, is declining and facing a similar fate as the elephants in Chad. While reading the first issue of *National Geographic* from 1899, Fay learned there was an estimated 72 billion board feet of redwood in the redwood range of California. "Today, there are about 12-15 billion board feet, but the diameter is very small and the volume in the forest is going down, just like the elephants," said Fay.

Explaining that the heart of the redwood range is Silicon Valley, where some of the world's greatest wealth exists, Fay noted that the area's environmental wealth is in steady decline. "In the 1960s hundreds of people were fishing in the rivers of California in the redwood range, but today, there's virtually no fish and very little water left in the rivers." Continuing, Fay said, "We're not talking about sustainability anymore, we're talking about regeneration. The redwood forest is a real model for what we need to do. If we change just a little bit of what we do in these



Michael Fay explained to the audience that the lion cubs shown in this photo had lost their mother. She died after drinking poisoned water at a nearby watering hole.

forests, we can go from diminishing volume [of production] to increasing volume. After 70 years, we can be cutting more wood than we do today, and there will be fish in the streams, water to drink, and the ecosystems start to come back. This notion that humanity has to retreat to survive is absolutely not the way out of our predicament, but it is to advance forward; and technology is key. It is going to be our salvation."

Fay challenged the audience to recognize the need for every individual to make changes in their daily lives in support of the environment that ultimately supports our very existence. "I believe, very strongly, that if we pay attention, we will be able to survive," he said. Later, he explained that by adjusting how we manage our natural resources just a little bit, we could begin to reverse the current decline in production from natural resources and enjoy the benefits of a healthy environment. "Bottom-up power is what we need to survive on this planet," said Fay.

"We're all going to have to participate and we'll all have to act," Fay said. He closed by stating that, "we can do it, and the Lindbergh spirit of 'can do' and 'making dreams happen' is the way to do it."

Awardees in the News

National Geographic News announced on June 12, 2007, that new aerial surveys, conducted in January by **Dr. J. Michael Fay** and two colleagues, revealed huge numbers of elephants, gazelles, and antelope have survived Southern Sudan's 25-year civil war. Dr. Fay planned to survey the area west of the Nile in 2004 during his "Africa Megaflyover," but was unable to secure a license to fly over the country for political reasons. Repeating the surveys conducted in the early 1980s, and using the same methodology, flight lines, and altitude, the three surveyed Boma National Park, Jonglei region and Southern National Park. "We estimated more than 800,000 kob in Southern Sudan," Fay said in an Environmental News Service article. "If you were a gold miner and hit a vein of gold, like we found in kob, you would have found El Dorado. Never in my wildest dreams could I have imagined that this kind of abundance in nature existed in a region after 25 years of civil war, virtually unknown to the world at large." Kob, a type of antelope, move through the Southern Sudan the way the wildebeests migrate through the Serengeti. The news wasn't all good, however. In the Southern National Park, buffalo, elephant, white rhinoceros, and zebra populations were either non-existent or down to a single group. The Wildlife Conservation Society and Southern Sudan are hoping this news will give the government momentum to develop a proper wildlife policy.

An Environmental News Service article on June 18, 2007, reported that **Google** produced 7,795 kilowatt hours of electricity from the sun during the first 24 hours of using its 9,000 recently installed solar panels. The panels cover eight buildings and two newly constructed solar carports that will power the company's plug-in hybrid cars. It is expected that the solar power will offset about one-third of Google's peak electrical needs in those buildings. In addition, with the help of engineers at other companies, Google engineers have re-engineered Toyota Prius cars to get 73 miles per gallon by equipping the car with an external plug and additional batteries so they will run largely on electricity, with gas or biofuels to extend the driving range. To further develop this idea, Google's philanthropic organization announced the RechargeIT initiative and has awarded \$1 million in grants, and plans for a \$10 million RFP to fund commercialization of fully electric plug-in cars and related vehicle-to-grid technology. The **Rocky Mountain Institute (RMI)**, founded by **1999 Lindbergh Awardees Amory and Hunter Lovins**, will receive \$200,000 in grants from Google.org to design a practical plug-in hybrid electric vehicle. RMI will be working in collaboration with Alcoa, Johnson Controls, and the Turner Foundation.

Dreaming Again for Charles Lindbergh

80th Anniversary Art Project

May 21, 2007, was the 80th anniversary of Charles Lindbergh's historic trans-Atlantic flight from New York to Paris. To commemorate this incredible moment in history, four Lindbergh-named schools from across the nation and seven schools from the Lindbergh School District in St. Louis, Mo., participated in an art project. Students in each of the schools were invited to create art pieces capturing the essence of a quote from Charles Lindbergh's 1953 Pulitzer-prize winning book, *The Spirit of St. Louis*. The inspirational quote selected was: "We actually live, today, in our dreams of yesterday; and, living in those dreams, we dream again."

"This is the first joint-undertaking of all Lindbergh-named schools and our District," stated Dr. James Sandfort, Superintendent of Lindbergh School District. "This has been an incredible undertaking, providing an opportunity for students from Lindbergh named schools around the country to have their art displayed in venues that otherwise would not be possible. The response has been overwhelming." Nearly 1000 students participated in the project. During the month of May, 94 original artworks were displayed at six national exhibit sites including: Lambert International Airport, St. Louis, Mo.; The Charles A.



Several works of art were on display at the National Air and Space Museum in Washington D.C. Appropriately, they were placed beneath the Spirit of St. Louis.

Lindbergh Historic Site, Little Falls, Minn.; Air & Space Museum, San Diego, Calif.; Minnesota History Center, St. Paul, Minn.; Smithsonian Institution, Washington, D.C.; and the Cradle of Aviation, Garden City, New York. A virtual art gallery also has been established at <http://gallery.lindbergh.k12.mo.us/gallery2/main.php>

"The Historical Society was very pleased to be able to exhibit the students' work," said Brian Horrigan, curator at the Minnesota History Center. "Inspired by Lindbergh's dreams of flying, the students created a wonderful variety of creative pictures and three-dimensional objects. The exhibit cases attracted a lot of attention during the Lindbergh Foundation's event here at the History Center."

Reeve Lindbergh personally signed a certificate for each student who participated in the project. All students also received a special 80th anniversary pencil. Participating schools received a selection of Lindbergh reference books for their library. The Lindbergh Foundation worked in partnership with the Lindbergh School District and The Wiegand Foundation, Inc., on this project.



"Road to the Future"
Andrew Dahle
Lindbergh High School
Lindbergh School District,
St. Louis, Mo.

"In my piece I wanted to use the past, present and future of cars to depict the quote. I purposely placed each car facing left to create a sense of movement toward the future. In the "past" I placed the car in front of mountains and on

an open road to show a country setting. For the "present" I drew the car in front of a cityscape to show how the landscape has progressed from years past. Last, for the "future", I drew a concept car that has some curves and attributes of its previous generation, but without wheels for a more futuristic feel. The buildings have also evolved; I gave them a new architectural twist to add to the futuristic look.

As for the artwork, I wanted a more realistic look. I wanted the cars to contrast the background and I tried to use atmospheric perspective to create depth. I felt that it was important to let images run off the page showing that there are not boundaries in life and anything can happen in the future."



"The Ornithologist"
Alexa Diplarides, Grade 5
Crestwood Elementary School
Lindbergh School District



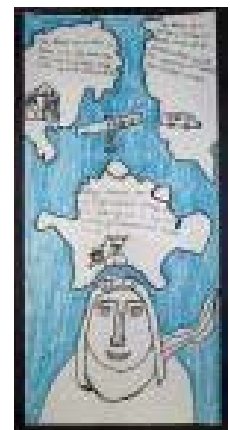
"Growing Goals"
Natalie Sorensen, Grade 5
Kennerly Elementary School
Lindbergh School District



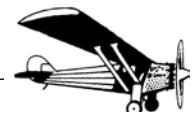
"Infinity"
Ariane Rinehart
Sperrung Middle School
Lindbergh School District



"The Flight that Changed the World"
Haley Lentsch, Grade 5
Charles Lindbergh Elementary School,
Little Falls, MN



"Awesome Dream"
Miguel A. Olvera
Flores, Grade 5
Lindbergh Elementary
School, Mesa, AZ



Lindbergh Foundation Goes to EAA

Second Lindbergh-Lycoming Grant Announced

On July 25, the Lindbergh Foundation and Lycoming Engines announced the second year of their partnership and the Lindbergh-Lycoming Aviation Grant at the EAA AirVenture Air Show in Oshkosh, Wisc. The Lindbergh-Lycoming grant is given to an individual whose research project will advance aviation technology and balance it with the care and protection of our environment. This partnership not only supports Lycoming's commitment to innovation and technological advancement, but also the ongoing mission of the Lindbergh Foundation.

"The Lindbergh Foundation is extremely grateful for Lycoming's partnership in this program. Their involvement has enabled the Foundation to generate a renewed interest in aviation applications for our grants program, and has revitalized the Foundation's position in the aviation community," said Foundation Director John King, Co-Chairman of King Schools, Inc. The Lindbergh Foundation has a very successful, innovative and highly prestigious grants program that has been in place for 30 years. The rigorous grant selection process ensures that projects bearing the Lindbergh-Lycoming name are the best possible examples of research that address aviation and the environment.

Lindbergh Grants are made in amounts up to \$10,580, representing the cost of building the *Spirit of St. Louis* in 1927. While the size of the grant may seem small, the effect is leveraged. "We hear over and over again from our grant recipients that the Lindbergh Grant is extremely beneficial to the success of their projects," said John King. "We are very pleased that Lycoming Engines understands that supporting the Lindbergh Foundation and its grants program benefits the aviation industry as well."

"The Lindbergh-Lycoming grant promotes advancements in aviation and also the conservation of the environment. We want to bring innovative ideas and technology to the general aviation community to help grow our industry," stated Ian Walsh, Lycoming Engines, senior vice president and general manager. "This grant creates opportunities for environmentally friendly options to be explored."

Tom Ehresman, an inventor from Loveland, Colorado, has been awarded the 2007 Lindbergh-Lycoming Grant for his project entitled, "Creating a Direct Injection Igniter Fuel Nozzle to Eliminate the Use of Leaded Fuels in Existing High Power Density Aircraft Piston Engines."

The full description of Tom's project will be included in the next issue of the Newsletter.

Applications for the Lindbergh-Lycoming grant is open to anyone conducting an aviation/aerospace research project that balances technological advancements with the care and protection

of our environment. **The deadline for applications is Nov. 1, 2007.** The winner will be notified in April 2008, with funding in July. For complete details on the Lindbergh Grants program, descriptions of funded research grant projects, Frequently Asked Questions, and a downloadable Lindbergh-Lycoming Grant application, please visit our web site at www.lindberghfoundation.org, and click on the "Grants Program" link, or call the Foundation office at 763/576-1596.



Lindbergh Foundation Directors, and General Manager of Lycoming Engines present a certificate to Tom Ehresman in recognition of his 2007 Lindbergh-Lycoming grant. L-R: Erik Lindbergh; Martha King; Tom Ehresman, Lindbergh-Lycoming Grant recipient; Ian Walsh, Sr. Vice President and General Manager, Lycoming Engines, Inc.; Knox Bridges; John King.

To recognize Lycoming's ongoing support of the Lindbergh Foundation and the grants program, Erik Lindbergh (left) presented a silver 80th anniversary pin to Ian Walsh. The pin was created by noted St. Louis Sculptor Don F. Wiegand in honor of the 80th anniversary of Charles Lindbergh's historic New York-to-Paris flight and features the Spirit of St. Louis. This image of the Spirit is an official reduction of the Spirit of St. Louis bas-relief that flew aboard SpaceShipOne on Oct. 4, 2004. That flight captured the \$10 million X Prize, which was modeled on the \$25,000 Orteig Prize won by Lindbergh 77 years earlier.



2007 Lindbergh Grant Recipients Announced

The Lindbergh Foundation is pleased to introduce 14 outstanding grant projects, which were selected to receive funding this year – the most since 1985. An additional two projects received Certificates of Merit. To date, 284 Lindbergh Grant projects have been chosen for funding since the program began in 1978, representing \$2.7 million.

Lindbergh Grant projects are the cornerstone of the Foundation's mission and their global reach ensures that the Lindbergh legacy of balance resonates around the world. Each grant recipient receives up to \$10,580 (the cost of building the *Spirit of St. Louis* in 1927) to support their research or education project that demonstrates an ability to make important contributions toward balancing technological advancements with the care and protection of our environment. Full descriptions of each project will be included in the next newsletter.

The Foundation is deeply grateful for the financial support of the Lindbergh Grants program provided by **Knox Bridges**, North Carolina; **Cherbec Advancement Foundation**, St. Paul, Minn.; **Peter Diamandis**, California; **Clare Hallward**, Canada; **Jeppesen, Sanderson, Inc.**, Englewood, Colo.; **Richard and Susan Kane**, Florida; the **Laura Jane Musser Fund**, St. Paul, Minn.; **Reeve Lindbergh**, Vermont; the **Lindbergh School District and Community**, St. Louis, Mo.; and **Lycoming, Inc.**, Williamsport, Penn.

Lindbergh grants are also funded by the Lindbergh Grant Endowment and the James and Maureen Lloyd Grant Endowment.

Dr. Angela R. Bielefeldt and R. Scott Summers, University of Colorado, Boulder



“Determining the Importance of Silver in Home Filters used to Disinfect Drinking Water in Developing Countries”

This water conservation grant is sponsored by the Lindbergh Grant Endowment.



Catherine T. Cloud, International Agricultural Development, Davis, California



“Promoting Sustainable Agriculture in Indonesia through Farmer Videos”

Kristina Cockle, University of British Columbia, Canada/Argentina



“Using Ground-Based Measuring Tools to Study Birds’ Nests in Tree Cavities in the Atlantic Forest of Argentina”

This animal conservation grant is sponsored by the James and Maureen Lloyd Grant Endowment.

Dr. Margaret A. Coffman, Science Education Consultant, Ypsilanti, Michigan



“Empowering Students in Ecology, Music, and Computer Science through Active Participation in an Elementary Bird Song Curriculum”

This education grant is sponsored by the Lindbergh School District and Community, St. Louis, Mo.

Jason Edens, Rural Renewable Energy Alliance, Backus, MN



“Determining the Economics of Solar Heat as a Long-term Solution for Public Energy Assistance in the Midwest”

This general conservation/waste management grant is sponsored by Knox Bridges.

Tom Ehresman, Inventor, Loveland, Colorado



“Creating a Direct Injection Igniter Fuel Nozzle to Eliminate Use of Leaded Fuels in Existing High Power Density Aircraft Piston Engines”

This aviation grant is sponsored by Lycoming Engines.

Dr. Peter Girguis, Harvard University, Cambridge, Massachusetts



“Developing Microbial Fuel Cells from Soil for Lighting and Power in Rural Areas of the World”

This general conservation energy grant is sponsored by Reeve Lindbergh.



Dr. Andres Gonzalez, Laboratory of Chemical Ecology, Montevideo, Uruguay



“Reducing Pesticide use in South American Soybean Production with Pheromone-Baited Monitoring Traps”

Dr. William Knecht, Maneuver Space Technologies, Pocasset, Oklahoma



“Reducing Upper Atmospheric Fuel Burn Through Direct Routing Air Traffic Technology”

This aviation grant is sponsored by Richard and Susan Kane.

Dr. Amy Lang, University of Alabama, Tuscaloosa, Alabama



“Reducing the Drag Over Aircraft by Mimicking the Surface Geometry of Bristled Shark Skin Scales”

This aviation grant is sponsored by Jeppesen Sanderson, Inc.

Kimberly Ritchie, Ph.D. and Max Teplitski, Mote Marine Laboratory, Sarasota, Florida



“Harnessing Beneficial Bacteria for Coral Reef Health”

This animal conservation grant is sponsored by Clare Hallward.



Dr. James Smith, University of Virginia, Charlottesville, Virginia



“Purifying Drinking Water in Guatemala with Ceramic Filters Made From Local Materials”

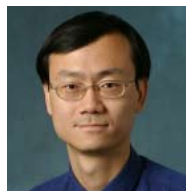
Dr. Peter H. Wrege, Cornell Lab of Ornithology, Ithaca, New York



“Using Acoustics to Monitor Poaching and Elephant Populations at Forest Clearings in Central Africa”

This animal conservation grant is sponsored by the Cherbec Advancement Foundation.

Dr. John Zhai, University of Colorado, Boulder, Colorado



“Applying Ancient Building Technologies to Design Energy Efficient Buildings”

This general conservation energy grant is sponsored by Peter Diamandis.

“Modern civilization emphasizes increasing knowledge and the application of technology to man’s way of life. The human future depends on our ability to combine the knowledge of science with the wisdom of wildness.”

– Charles A. Lindbergh
“The Wisdom of Wildness”
April 1968

2007 Certificate of Merit Designees

Robert J. Smith, Ph.D., The University of Scranton, Scranton, Pennsylvania



“Evaluating Aquatic Insects as a Critical Food Resource for Landbirds in Northern Michigan”

Donald Hey, The Wetlands Initiative, Chicago, Illinois



“Restoring Wetlands through Construction of Nutrient Farming Projects Along the Illinois River”

Notems

Charles A. Lindbergh Historic Site

Sept. 29 – Road Trips in 1917: Lindbergh’s Saxon

Young 15-year old Charles A. Lindbergh drove the family’s 1916 Saxon Six automobile during a 40-day trek to California, accompanied by his mother, uncle and family dog. Come see this automobile restored to like-new condition and learn about the trip. The Saxon will be started at the top of the hour from noon to 4 p.m. Sorry no rides available. 10 a.m. – 4 p.m.

Nov. 24 & Dec. 1 – Christmas 1917 with the Lindbergh’s

Come step back in time and visit the Lindbergh home in 1917 as first-person living history characters portray family members and hired workers, and ready the house for Christmas. The gallery exhibits in the Visitor Center will be open and visitors can peruse the gift shop for holiday items where there is a special sale. 10 a.m. – 4 p.m.

Flight Lines

Lindbergh over Halifax

On May 20, 2007, residents of Halifax, Mass., re-lived the excitement felt by their ancestors on a dreary spring morning 80 years ago, when Charles Lindbergh’s historic non-stop solo flight across the Atlantic took him directly over their town.

Back in 1927, residents and spectators along the lake were shocked to see a low flying Lindbergh barely 100 feet off the ground passing close to the weathervane on top of the Congregational Church, one of the highest points in Plymouth County at the time.

To celebrate, an official commemoration ceremony was held, including a dramatic re-enactment of Lindbergh’s historic fly-over. Halifax resident and pilot, Bill Sweeney, re-created Lindbergh’s flight over Halifax by re-tracing his route from South Halifax, flying North Northeast passing the 88-foot steeple and the weathervane that stands on top of the Congregational Church in the center of town. Three small children held a homemade “Good Luck Lindy” sign during an outstanding version of the national anthem, which played as Sweeney approached and flew overhead.

Representatives from eight neighborhood families, who witnessed the historic flight 80 years ago, were invited to unveil a plaque honoring Lindbergh. More than a dozen vintage automobiles from 1927 were on hand, adding to the “spirit” of the day.

The town’s Historical Society displayed its treasured telegram, which was sent by Lindbergh from Paris to Halifax, thanking all for the town’s congratulatory telegram. It was on display for all to see during a champagne reception at the museum.

Event Chairman Marc Valentine said, “With intermittent showers, torrential downpours over the lake, and a low ceiling, it was a perfect re-enactment day.”



In Memoriam – Astronaut Walter “Wally” M. Schirra Dies



San Diego Air & Space Museum

Astronaut Wally Schirra, Lindbergh Foundation director emeritus, died of a heart attack on May 3 at the age of 84.

The only astronaut to make flights in the Mercury, Gemini and Apollo programs, he made his first trip into space in October 1962 aboard the Sigma 7 Mercury capsule, orbiting the Earth six times as the nation’s fifth man in space.

The Mercury capsule was named Sigma 7 in tribute to Schirra’s engineering background of which he was greatly proud.

In December 1965, Schirra piloted Gemini 6 to within 10 feet of Gemini 7 in the first rendezvous of manned spacecraft. Nearly three years later, he led the first manned flight of the Apollo program, Apollo 7, which spent 11 days orbiting the Earth. The program eventually landed a man on the moon.

Schirra was born March 12, 1923, in Hackensack, N.J. His father and mother were barnstorming pilots, going city to city for flight exhibitions, featuring his mother walking on the wings of the aircraft. His father, an engineer, had been a pilot in World War I.

Schirra made his first solo flight at 13, graduated from the U.S. Naval Academy in 1945 and spent the final months of World War II aboard the battle cruiser Alaska.

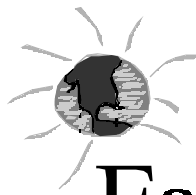
After the war, he continued as a test pilot for the Navy. During the Korean War, he flew 90 combat missions and was credited with downing one North Korean fighter and damaging two others.

Initially, Schirra was reluctant to participate in the space program. He was a Navy aviator who had fought in the Korean War and was concerned that his participation in the space program would undermine his military career.

In 1984 the Lindbergh Foundation presented its Eagle Award to Schirra at the 1984 Award Dinner in Houston, Texas. A year later, he was elected to the Lindbergh Foundation board of directors. He served from 1985 – 1989. Schirra was a graduate of Dwight Morrow High School, named for Anne Morrow Lindbergh’s father, in Englewood, N.J. He was instrumental in convincing Charles Lindbergh to accept recognition as an Honorary Fellow of the Society of Experimental Test Pilots in 1970. Schirra had an interest in environmental activities, both in business and in such capacities as service on the National Parks Advisory Board.

His death leaves John Glenn and Scott Carpenter as the only surviving members of the original seven Mercury astronauts. He is survived by his wife and three children.

Portions of this article were from the San Diego Union Tribune.



Earth Shine Institute

A Supporting Organization of The Charles A. and Anne Morrow Lindbergh Foundation

Message from the President

Summer is the season when we set off on journeys and travels, and whether we like it or not, we are opening ourselves to the experience of adventure. Our departures do not have to be as dramatic as my aunt and uncle's summer departures on their Pacific and Atlantic Survey Flights, nor do the destinations need to be as exotic or remote. They do not even have to be considered "a trip" or "vacation" in our minds – they can be arranged around such life way points as going to graduations, weddings and family reunions. They can require navigating totally new environments for "summer camp" or a "summer job" or permit returning to a beloved landscape we refer to cryptically as "the lake," "the shore" or "the cabin."

Inevitably there is inconvenience – the lost luggage, the wrong turn, the plumbing gone haywire, the case of poison ivy, the overbearing personality – that becomes the summer's story of perils courageously endured and surmounted. Not only do our adventures make us laugh when we return, but they also cause us to grow and evolve. "Without adventure" my aunt liked to quote Alfred North Whitehead "civilization is in full decay." (My own reaction in the midst of one of these character building experiences is that "civilization is in full decay" right then, but that is another story.)

We spend a great deal of thought on our preparations for our journeys away from home – with lists and maps, and routes and reservations, – but do we spend as much thought on savoring our return? Bill Anders, the Apollo 8 astronaut, spoke at the 2007 Lindbergh Lecture of "going to the moon, but discovering the earth." Another astronaut in that crew quoted by my aunt in *Earth Shine* said, "I have the feeling of being proud of the trip, but still happy to being going back home And that's richer than being right here."

As Anne Morrow Lindbergh quotes from the poetry of T.S. Eliot at the end of the preface in *Earth Shine*, the appropriate end of all our adventures "will be to arrive where we started" and know that place "for the first time." It is only when we come to appreciate our homecomings in this way that we can truly begin to preserve the quality of life on our planet.

Eiluned

2007 Lindbergh Symposium

"Flight and After Flight" Adds Second Day Session

The 2007 Lindbergh Symposium "Flight and After Flight," commemorating the 80th anniversary of Charles Lindbergh's 1927 New York-to-Paris solo flight, will be held Friday, November 16, at the Army Navy Club in Washington, D.C. Co-Chairs of the Symposium Margaret Eiluned Morgan and Dr. Richard Hallion announced that the conference would be extended beyond the traditional one-day conference format with five or six individuals speakers to include a second-day session on Saturday, November 17, with a series of panels presenting short commentary and stories as well as general discussion. Margaret Eiluned Morgan will moderate and Dr. Hallion will sum up each session. "Returning attendees of previ-

August 2007

ous Lindbergh Symposia have requested an additional session like this," Margaret Eiluned Morgan, Earth Shine Institute Chairman commented. "I think this is a very exciting development."

Confirmed speakers for the November 16 conference include **Tom Crouch, Sergei Sikorsky and Dr. Richard Hallion**. Please contact Peach Sonne for ticket reservations at symposium@earthshineinstitute.com or 239-694-7286. Updates will be posted on the Earth Shine Institute website: www.earthshineinstitute.com. *Would you like to be a sponsor of the 2007 Lindbergh Symposium? Do you know anyone who would be interested? If so, please contact Robert Arnold at rba05@sbcglobal.net or 1-800-544-8890.*

On the Horizon ...

Lindbergh Aerial Photography of Penobscot Bay

Eric Hopkins Gallery, Rockland, ME. August 21-31, reception on August 23, 5-7 PM. For information contact the Eric Hopkins Gallery at 207-594-1996 or gallery@erichopkins.com.

Dragon Keylemanjahro School Moko Jumbies September 1, 3 and 15 in New York City. For information contact the Ramis Barquet Gallery at 212-675-3421 or www.ramisbarquet.com.

Special tour and talk by Judith Schiff

Saturday, October 20, 11:00 AM. Yale Sterling Library, Manuscripts and Archives Division, New Haven, CT commemorating the 80th anniversary of Charles Lindbergh's New York-to-Paris Flight. For information please contact Peach Sonne at 239-694-7286 or mhsonne@gmail.com.

2007 Lindbergh Symposium "Flight and After Flight"

November 16 and 17, Army Navy Club, Washington, D.C. For information or to reserve tickets, contact Peach Sonne at 239-694-7286 or [Symposium@earthshineinstitute.com](mailto:symposium@earthshineinstitute.com).

Group reading of *Gift from the Sea*

Wednesday, January 30, 2008 Sanibel Library, Sanibel, FL, led by Nancy Steeper. For more information contact Peach Sonne at 239-694-7286 or Nancy Steeper at nsteeper@hotmail.com.

A Surviving Monument to the History of Modern Air Travel

By Erik Berg



Charles and Anne Morrow Lindbergh at the Glendale inauguration of the new coast-to-coast air service in 1929 with Mary Pickford. Photograph courtesy of Manuscripts and Archives, Sterling Library, Yale University.

It was the Hollywood event of the summer and a crowd of over 20,000 people gathered to catch a glimpse at the famous celebrities. Actresses Mary Pickford and Gloria Swanson posed for the cameras along with famed aviator, Charles Lindbergh and his newlywed wife, Anne. But this was not the premiere of a new motion picture. The place was Glendale's Grand Central Air Terminal and the occasion was the birth of the country's first coast-to-coast air service.

On July 7, 1929, the Transcontinental Air Transport Company ushered in the era of modern air travel with the inauguration of service from Los Angeles to New York. Lindbergh had helped organize the company and would personally pilot the first flight out. In the years that followed, the company would evolve into Trans World Airlines (TWA) and pioneer many of the features that we take for granted today including dedicated passenger terminals and in-flight meals and movies.



The Glendale Grand Central Air Terminal in its heyday showing the observation tower with a Ford Tri-Motor parked in front. Photo courtesy of Glendale Public Library.



The observation tower today showing the striking Art Deco sculptures of the four winged guardians holding giant propellers. Photo courtesy of Erik Berg.

The historic Glendale airport closed in 1959 and was converted into an industrial park. But hidden among the warehouses, one can still find the original 1929 terminal designed by architect Henry Gogerty. A mix of Spanish Colonial Revival and Art Deco styles, its most dramatic feature is the observation tower featuring four winged guardians bearing giant propellers. Although currently closed, the present owners (Walt Disney Company) have tentative plans to restore it. Perhaps one day, the birthplace of modern air travel will fly again!

Erik Berg was raised in Flagstaff, Arizona and attended the University of Arizona in Tucson. He currently works in Phoenix as a software engineer. He is an avid avocational historian with a special interest in science and technology in the early 20th century southwest. He is the recipient of the 2003 Goldwater Award for best paper at the Arizona History Convention and the 2005 International Coke Wood First Prize for best article on western history for his research on the Lindbergh's 1928 survey of prehistoric sites in Arizona and New Mexico.

Trinidad Moko Jumbies Plan Their First US Appearance

The Dragon Keylemanjahro School Moko Jumbies will be giving their first US performances in New York City this September with costumes by Laura Anderson Barbata, Earth Shine Institute Fellow and 2002 Lindbergh Grant recipient. These award-winning stilt-walking dancers will be joining the Brooklyn Junior Carnival on September 1, the Labor Day parade in New York on September 3, and give a special "street performance" in front of the Ramis Barquet Gallery at 532 West 24th Street on September 15. The performance is open and free to the public. In addition the gallery will host exhibits on the art and traditions of West African stilt-walking including interactive classes, workshops and videos. For information call the Ramis Gallery at 212-675-3421 or go to www.ramisbarquet.com. The Moko Jumbies will also be performing in the Celebrate Mexico Now festival September 5-16. For more information go to www.mexiconowfestival.com.

The Moko Jumbies are part of the Dragon Keylemanjahro School of Arts and Culture, a community center based in a poor section of Port of Spain, Trinidad. The project focuses on providing free of charge extracurricular activities to low income youth as well as reviving the art and tradition of West African stilt walking in Trinidad. The center is completely operated through volunteer support from residents in the Port of Spain neighborhood. Laura Anderson Barbata has been working with the troupe for several years. She is now also working with the Brooklyn Jumbies troop in New York.



A Moko Jumbie stilt dancer performing in a costume designed by Laura Anderson Barbata in Trinidad. If you go to www.earthshineinstitute.com, you will see in the crowd the periwinkle blue of the GIFT FROM THE SEA tee shirts worn by the troop's handlers and donated by the Earth Shine Institute. Photo courtesy of Laura Anderson Barbata.

Laura Anderson Barbata has been working with the troupe for several years. She is now also working with the Brooklyn Jumbies troop in New York.

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A Supporting Organization of The Lindbergh Foundation

THE CHARLES A. AND ANNE MORROW
LINDBERGH FOUNDATION

2006 SUMMARY ANNUAL REPORT

LINDBERGH AWARD

In 2006 the Lindbergh Foundation introduced a new award designed to recognize companies or organizations whose business practices demonstrate a concern and dedication toward improving our quality of life using a balanced approach to technological advancements

To Our Associates

2006 was a pivotal year in the Foundation's history. We enjoyed the second most successful Lindbergh Award celebration in our history. We announced a new partnership with Lycoming Engines, Inc., which has pledged to support the Foundation's grants program, specifically targeting aviation grants, as well as support for operations. We gave out 12 research grants – the most since 1986; and we gave the Foundation's first Corporate Award for Balance, in an effort to recognize corporations for their work to preserve and protect the environment.

Over the past year, we have learned that partnerships with companies like Lycoming are vital to the success of the Foundation. We remain dedicated to developing more of these lasting partnerships to help us expand our mission of supporting individuals and grant projects that work toward environmental and technological "balance" around the world.

To those of you who have supported the Lindbergh Foundation in the past year, we hope you are encouraged by the many successes we enjoyed in 2006. Great things are happening around the world because of your support.



and preservation of the environment. The first Lindbergh Foundation Corporate Award for Balance was presented to **Patagonia, Inc.**, in recognition of their corporate philosophy to "cause the least harm, and use their business to inspire and implement solutions to the environmental crisis." Patagonia's Vice President of Environmental and Public Affairs, Rick Ridgeway, accepted the award.

Dr. Peter Diamandis received the 2006 Lindbergh Award for his desire and ability to inspire the brightest minds on Earth to tackle some of the most pressing issues in the world today. More recently the X PRIZE Foundation expanded its scope to include prizes

that will enable radical breakthroughs and innovative and cost-effective solutions to the great technical, social and environmental problems of our time. He has now set his sites on other areas of great global importance including energy, the environment, genomics, nanotechnology, medicine and social issues. To Diamandis, the beauty of competitions is that individuals and corporations put

in the money for research and development – not the government. The result is better, cheaper, and more cost-effective outcomes.

Diamandis' goal is to build the X PRIZE Foundation into a world-class prize institute. One of the future prizes is of particular interest to the Lindbergh Foundation because it is aimed at driving research toward creating greener vehicles, and reducing America's dependence on oil.

Will Steger was recognized with the 2006 Lindbergh Award not only for his accomplishments, but more importantly for his deep understanding of the environment and his efforts to raise awareness of current environmental threats, especially climate change. His unique ability to blend extreme exploration with cutting-edge technology sets him apart from many other explorers and has allowed him to reach millions of people around the world, under some of the most hostile conditions on the planet. He travels using primitive methods, but his expeditions take place at the frontier of the information age, making him an ideal recipient for the Lindbergh Award. In fact, more than 20 million students followed the 1995 International Arctic Project via on-line daily journal entries and saw the first-ever transmission of a digital photograph from the North Pole.

An eyewitness to the on-going catastrophic consequences of global warming Will Steger, now more than ever, is a formidable voice calling for understanding and the preservation of the Arctic, and the Earth. Steger is tireless in his conviction to take his eyewitness accounts and experiences from these explorations and share them with others, in order to better themselves and the environment. An environmental ambassador, Steger is a recognized authority on polar environmental issues. Recently, Steger formed The Will Steger Foundation, with a personal and professional commitment to foster leadership and cooperation in environmental education and policy. The Foundation's first initiative, Global Warming 101, will engage and empower individuals and policy-makers to translate their concern into action on this critical issue.

LINDBERGH GRANTS

In 2006, the board of directors chose 12 exceptional research and educational projects to receive Lindbergh Grants in amounts up to \$10,580 (the cost of building the *Spirit of St. Louis* in 1927). Selected from 188 applications, the projects were chosen for their potential to make significant contributions toward improving the quality of all life by balancing our technological advancement and the preservation of our human and natural environment. Since the program started in 1978, 270 researchers in the United States and abroad have received more than \$2.6 million in funding for their important work.

Major gifts supporting 2006 Lindbergh Grants were received from: **Knox Bridges**, NC; **Clare Hallward**, Canada; **Reeve Lindbergh**, Vermont; **The Lindbergh School District & Community**, St. Louis, Mo., **Lycoming, Inc.**, Williamsport, Penn., and **The Laura Jane Musser Fund**, St. Paul, Minn.



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2006 Lindbergh Grant Recipients

Ms. Juanita Choo, University of Texas at Austin, Austin, TX
"Evaluating the Weevil Cultivation and Palm Harvesting Practices of the Amazon Hoti to Discover Non-Pesticide Solutions for Controlling Weevil Damage"

Professor Robert Dell, The Cooper Union for the Advancement of Science and Art, New York, NY
"Harvesting and Re-circulating Surplus Heat to Warm the Soil of Small Urban Gardens in New York to Accelerate Plant Growth and Extend the Growing Season"

Dr. Tony Goldberg, University of Illinois, Urbana, IL
"Determining if the South Eleuthera Marine Protected Area in The Bahamas Can Sustain 'Catch and Release' Angling of Bonefish by using Transmitters to Track their Movements"

Dr. Gail Langellotto, Fordham University, Armonk, NY
"Assessing the Dispersal of Bees and Butterflies Among Greenspace Garden Habitats in Urban and Suburban Areas in Order to Preserve these Necessary Pollinators"

Mickie L. Powell, Ph.D. University of Alabama at Birmingham, AL
"Understanding the Importance of Nutrition in the Early Development of Sea Urchins Used in Human Biomedical Research"

Dr. Ocky Radjasa, Diponegoro University, Central Java, Indonesia
"Conserving Reef Invertebrates by Studying Coral Reef Bacteria's Importance to Medicinal Products"

Dr. Crickette Sanz and David Morgan, Goulougo Triangle Chimpanzee Project, Republic of Congo
"Using Remote Acoustic Sensors to Monitor Ape Populations and Behavior Within Protected Rainforests and Local Logging Areas in the Republic of Congo"

Dr. Ying (Gina) Tang, Rowan University, Glassboro, NJ
"Developing an Analytical Model for Electronics Disassembly to Make Electronics Recycling Safer and More Automated"

Luis Vinueza, Oregon State University, Corvallis, OR
"Assessing how Temperature, Nutrient and Herbivory Levels in the Ocean Contribute to Marine Ecosystem Resistance to Climate Change in the Galapagos Islands"

Professor Gary Wagenbach, Carleton College, Northfield, MN
"Researching the Applicability of Current Eco-Machine Technology to a Cold Climate Residential Community House"
Regrettably, this grant project was unable to be conducted due to unforeseen circumstances.

Lesley A. Weitz, Texas A&M University, College Station, TX
"Reducing Fuel Inefficiencies and Noise Pollution from Aircraft by Exploring the Wider Use of Continuous Descent Approaches at Busy Airports"

Kristin C. Young, University of California, Irvine, CA
"Restoring Productivity to Degraded Lands in Costa Rica by Planting Nurse Trees to Remove Aluminum and Enrich the Soil Naturally, Facilitating the Growth of Endangered Trees"

EDUCATION/PUBLICATIONS

The Lindbergh Foundation publishes a newsletter highlighting the Foundation's programs and features other articles of interest to Foundation Associates. The Foundation's web site continues to be an excellent resource for Foundation information and Lindbergh History.

The Lindbergh Foundation and the Minnesota Historical Society (MHS) presented a free program entitled, "The Lindbergh Legacy" on May 20, 2006, at the Minnesota History Center. During the program, MHS curator Brian Horrigan spoke about the importance of Charles Lindbergh to the "Greatest Generation," the men and women who grew up during the Depression and came of age during the war years. In addition, eight Lindbergh Grant recipients gave short presentations about their upcoming projects.

The Foundation's supporting organization, the Earth Shine Institute, gave two Argonauta Scholarships in 2006, a Tellina Scholarship for Poetry, and presented the fourth annual Lindbergh Symposium entitled, "Anne Morrow Lindbergh: The Woman, The Words, The Life and The Legacy."

THE CHARLES A. AND ANNE MORROW LINDBERGH FOUNDATION

STATEMENT OF ACTIVITIES

January 1, 2006 - December 31, 2006

Support and Revenue

Contributions	\$326,929
Investment Return	181,782
Other	<u>111,467</u>

Total Support and Revenue \$620,178

Expenses

Program Services	\$356,289
Management and General	68,026
Fundraising	<u>131,743</u>

Total Expenses \$556,058

Change in Net Assets \$ 64,120

Net Assets at Beginning of Year \$1,587,674

Net Assets at End of Year \$1,651,794

Complete audited financial statements are available from the Foundation office or at www.lindberghfoundation.org.



Honor Roll: March 1 - July 31, 2007

LINDBERGH GRANTS

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UNRESTRICTED

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All donations are currently
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Now is the time to support
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New Gift: The Last Man on the Moon. Hard cover book autographed by Capt. Eugene Cernan at the 2007 Lindbergh Award Celebration.

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Gift: Lindbergh: Flight's Enigmatic Hero. Signed by Erik Lindbergh, who wrote the foreword to this beautiful hard cover book filled with photographs and illustrations.

Associate 1000

\$1,000

New Gift: Doolittle Litho. 19"x29" lithograph of Gen. Jimmy Doolittle sketched by artist Paul Calle. A very limited supply is available.

Patron Associate

\$2,500

New Gift: 80th anniversary 1" bronze lapel pin in limited quantity minted by Medallie Art Company. Based on the sculpted bas-relief of the *Spirit of St. Louis* by Don Wiegand.

Life Associate

\$5,000

Gift: Lindbergh flights map in color, matted and framed.

Special Offers

“Perspectives on the Earth – From Home, Above & Beyond” DVD Offered as a Premium



For the first time, the Lindbergh Foundation is offering a DVD of the Lindbergh Award Celebration program. For contributions of \$100 you can enjoy the 2007 Lindbergh Award Celebration from the comfort of your own home. We know you'll want to attend future Lindbergh Celebrations, however, after

seeing this wonderful program. Bonus features on this exclusive DVD include interviews with Dr. Michael Fay, Capt. Eugene Cernan, Sarah Susanka, and Robyn Beavers. Remember, contributions made now will be fully matched and are tax-deductible.

New Premiums Offered for Partnering, Associate 1000 and Patron Level Donors

The Lindbergh Foundation is pleased to announce several new and very special premiums for our donors.

At the 2007 Lindbergh Award Celebration, Capt. Eugene Cernan autographed a limited number of hard cover copies of his book, *The Last Man on the Moon*, for Foundation purposes. The Foundation is offering this book for contributions at the \$250 **Partnering Associate** level. Walter Cronkite says, “Gene Cernan reaches deep into his innermost being to reveal with remarkable candor his reactions to the trials and triumphs of a pioneer astronaut.”



Associate 1000 donors may choose a 19” x 29” portrait lithograph of Gen. Jimmy Doolittle sketched by artist Paul Calle and signed by Doolittle. Doolittle and Astronaut Neil Armstrong were the national co-chairmen of the fundraising effort to launch the Lindbergh Foundation.

Our **Patron** level donors may choose to receive a very special, bronze 80th

anniversary 1” art medal lapel pin created by St. Louis Sculptor Don F. Wiegand. The *Spirit* image on this pin is a reduction from the sculpted bas-relief of the *Spirit of St. Louis*, which flew aboard the winning flight of *SpaceShipOne*.



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