



## **Awards 2008**

**The Westin LAX Theater**

Los Angeles, California, June 6, 2008

# Welcome to the Environmental Hall of Fame Awards Ceremony: I



- Logo and Statue are based upon **Leonardo Da Vinci's Vitruvian Man**
  - The Person Within the World represents humankind's Stewardship for Mother Earth

## Welcome to the Environmental Hall of Fame Awards Ceremony: II



- Emcee **Debra Poneman**
- **Stan Ovshinsky** cuts the ribbon to inaugurate the Environmental Hall of Fame Museum in Los Angeles
  - Father of Thin-Film Photovoltaics (solar panels), which can be used to power everything from homes and factories to space satellites
  - Holds over 250 patents

## Honorees with Art Linkletter



- Seated: **Art Linkletter**, Chairman Solargenix and **Debra Poneman**, Emcee
- Left to Right: **Representative**, Set America Free; **Jenny Luetkemeyer**, Presenter; **Jeremy Snyder**, Tesla Motors; **Sterling Allan**, New Energy Congress; **Randy Hayes**, Rainforest Action Network; **Vahan Garboushian**, Amonix; **Stan Ovshinsky**; **Larry Kazmerski**, NREL; **Paul Pfeifer**, CEO Space; **Lance Williams**, USGBC; **Allen Rubin**, Co-Coordinator; **Van Jones**, Green For All; **Shiva Vencat**, MDI Air Car; **Ed Mercer**, Edward R. Mercer Foundation



# “United We Stand for Planet Earth”



- One stick can be easily broken; many sticks bundled together are almost impossible to break
  - Thirteen arrows, held in the claws of Eagle of the Great Seal, symbolize unity of 13 colonies
  - United they became this great nation of ours; divided, they would have failed
- Tonight we recognize if we work together for a common cause, the future sustainability of our beautiful planet, we cannot fail
  - Let us hold our sticks in a bundle as our symbolic commitment to work together for our common cause
- United We Stand for Planet Earth!

## BJ Dohrmann and CEO Space Members



- Paul Pfeifer, VP Marketing for CEO Space, accepts award on behalf of BJ Dohrmann, CEO Space Co-Founder
  - CEO Space has helped to reform the work culture for leading fortune companies, such as 3M Corporation, using the cooperation technology approach
  - CEO Space is committed to the cooperation model
  - A global cooperation model is needed to help solve global warming



# Mario Van Peebles and Family



- Mario's green career may have started in 1978 when he was assigned to the Environmental Protection Agency budget task force under NY Mayor Edward Koch
- **Mario's Green House**
  - TV series to be aired in 2009
  - An unscripted program that features Mario, who has just made a resolution to go green, along with his wife, Chitra, and his five high-energy kids
  - The show follows Mario as he juggles the complexities of going green, including planning, budgets, design, and time management

# Mario Van Peebles Inducting Lance Williams



- Lance A. Williams, Ph.D., Executive Director of U.S. Green Building Council-LA Chapter
  - The U.S. Green Building Council (USGBC) is a 501(c)(3) non-profit community of leaders working to make green buildings accessible to everyone within a generation
    - Certifies sustainable businesses, homes, hospitals, schools, and neighborhoods
    - Dedicated to expanding green building practices and education
    - Dedicated to expanding it's LEED (Leadership in Energy and Environmental Design) Green Building Rating System
  - USGBC is the fastest growing NGO in the world
  - USGBC is composed of more than 15,000 organizations from across the building industry that are working to advance structures that are environmentally responsible, profitable, and healthy places to live and work



# Mario Van Peebles Inducting Van Jones



- Van Jones, Founder, Green For All
  - Van has worked to combine solutions to America's two biggest problems: social inequality and environmental destruction
  - As an advocate for the toughest urban constituencies and causes, he has won many honors.
    - 1998 Reebok International Human Rights Award
    - International Ashoka Fellowship
    - World Economic Forum *Young Global Leader*
    - Rockefeller Foundation *Next Generation Leadership Fellowship*
  - In 2007, Van helped the City of Oakland pass a *Green Jobs Corps* proposal; the City allocated funds to train Oakland residents in eco-friendly "green-collar jobs."

# CalPIRG and Environment California Receive Their Awards



- **CalPIRG** is represented by the 3 students on the left; **Environment California** is represented by Jamie Rincker, Arts & Culture Outreach Coordinator (at the podium)
  - Environment California is the environmental sister of CalPIRG
  - The focus of the two organizations is to launch a new era of action and advocacy
- After celebrating one of the state's biggest environmental victories with the passage and signing of Environment California-backed SB 1, the Million Solar Roofs Initiative in 2006, they are now celebrating the state's progress in meeting this internationally significant solar program
- Environment California is now sponsoring AB 1920, which would remove unnecessary barriers to consumers interested in going solar

# PacWind Receives Their Award



- Founded by inventor, **Phil Watkins**, CEO
- **PacWind** is represented by **Mary Watkins** (Phil's daughter), CFO; **Dave Glawson**, CTO (podium); **Gary Toomey**, COO
  - PacWind has invented, engineered, and is in full production of a truly revolutionary line of vertical axis wind turbines (VAWTs) that can be installed nearly anywhere.
  - PacWind's innovative vertical axis wind turbines are completely silent, stable, and safe in all wind conditions up to 100+ mph
    - They are economical, efficient, maintenance free, and operate in all climate conditions
    - Bird, wildlife, and people friendly!
    - PacWind's proprietary designs can be installed residentially, commercially, and industrially
    - They can be attached to buildings, installed on roof tops, or mounted on stand alone poles
    - They are ideal for bringing wind energy to buildings or structures of all shapes and sizes, boats, telecom sites, oil wells, irrigation systems, lighting systems, remote locations and emergency situations



# Honoree Dr. Lawrence L. Kazmerski



- Considered to be the premiere expert in the solar photovoltaic (solar cell) industry
- Dr. Kazmerski and Dr. Al Compaan, University of Toledo, recommended Amonix, First Solar, SunPower and Stan Ovshinsky for induction
- Dr. Kazmerski is known in solar energy circles simply as "Kaz"
  - He is Director of the National Center for Photovoltaics at the National Renewable Energy Laboratory (NREL), Golden, Colorado
  - Dr. Kazmerski has published more than 290 journal papers in the areas of solar cells, thin films, semiconductor materials and devices, surface and interface analysis, scanning probe microscopy, nanoscale technology, high-temperature superconductivity and semiconductor defects
- NREL Director Dr. Dan Arvizu says. "Kaz isn't just a leading light for the discipline of engineering; he's become a veritable institution in the field of solar energy."

# Larry Kazmerski Inducting Amonix, First Solar and SunPower



- **Bobby Ram**, SunPower; **Lorraine Paskett**, First Solar; **Vahan Garboushian**, Amonix
  - We honor **SunPower** for their industry leadership in crystalline silicon solar PV technology, pushing the bar on PV performance to regions many experts thought would be unachievable
  - We honor **First Solar** for their leadership in bringing thin-film photovoltaics to commercial reality
  - We honor **Amonix** as the recognized leader in high concentration photovoltaic for low-cost solar electricity generation

## Larry Kazmerski Inducting Stan Ovshinsky



- Stan Ovshinsky is considered the “Thomas Edison” of the renewable energy industry
  - He is co-founder of Energy Conversion Devices, Inc. (ECD) with his late wife Iris Ovshinsky
  - He began the field of nanostructures for a large number of applications in the early 1950s
  - He holds approximately 360 U.S. patents
  - He is the author of over 300 scientific papers ranging from neurophysiology to amorphous semiconductors
- Interviewed in the documentary ***Who Killed the Electric Car***, his nickel metal hydride batteries enabled the creation of electric and hybrid cars



## Honoree Art Linkletter of Solargenix: I



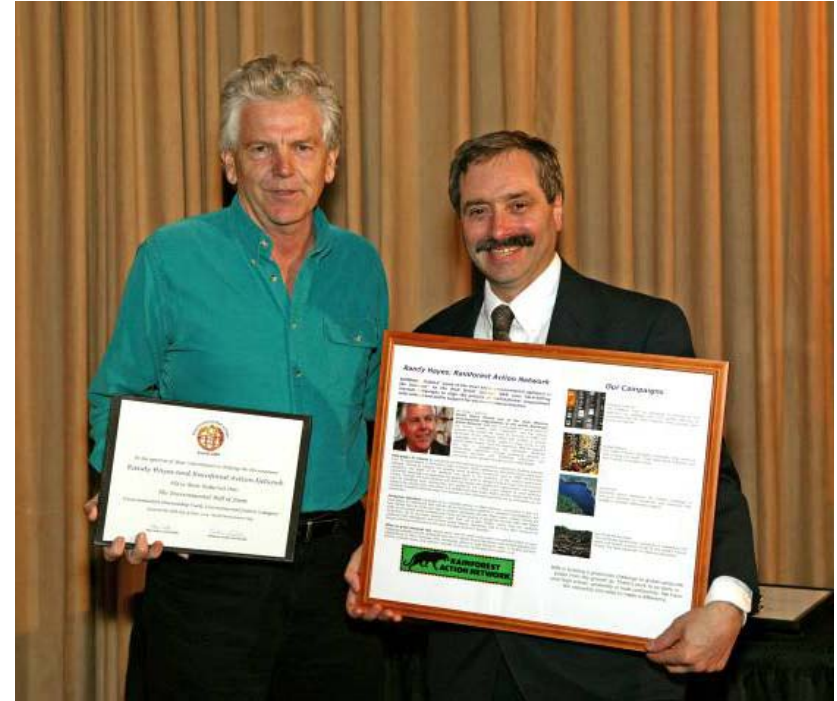
- Art, our special guest at 96 years old, awaits induction into the Environmental Hall of Fame (left picture)
- Art Linkletter, whose broadcasting career spanned more than 60 years, includes:
  - *Art Linkletter's House Party*, which ran on daytime CBS-TV and radio for 25 years
  - *People Are Funny*, which ran on night-time NBC-TV and radio for 19 years
- Art Linkletter has written 28 books
- Art is Grandfather of 9 and Great Grandfather of 17
- Larry Kazmerski gives Art one of his special *Solar Ties* (right picture)

## Honoree Art Linkletter of Solargenix: II



- Art Linkletter presented an invigorating vision, leading to a standing ovation
- Well-known as a businessman, Art has been the CEO of numerous corporations and has served on many Boards of Directors; including:
  - MGM, Western Airlines, Kaiser Hospitals, the French Foundation for Alzheimer's disease...to name a few
  - As Chairman of the Board of Linkletter Enterprises, Art oversees international enterprises too numerous to mention, in his spare time
- Art feels that one of his most important credentials is his association with **Solargenix**, the leading provider in the design, manufacturing, integration and deployment of solar thermal renewable energy systems

# Randy Hayes and Rainforest Action Network



- Born in West Virginia and brought up in the swamplands of Central Florida, Randy Hayes had an early interest in both saving the environment and in making films
  - His activism first gained notice in 1983 when, as a student film-maker, his film, *The Four Corners, A National Sacrifice Area* won the Academy of Motion Pictures Arts and Sciences award for best student documentary
- The Rainforest Action Network campaigns for the forests, their inhabitants and the natural systems that sustain life by transforming the global marketplace through grassroots organizing, education and non-violent direct action
  - RAN helped pioneer market campaigns against large multinational corporations in the 1990's, using grassroots activism and savvy media work to advocate for changes in environmental policies
  - RAN has had numerous successes in its Old Growth, Global Finance, and Zero Emissions campaigns against logging companies, banks, and vehicle manufacturers

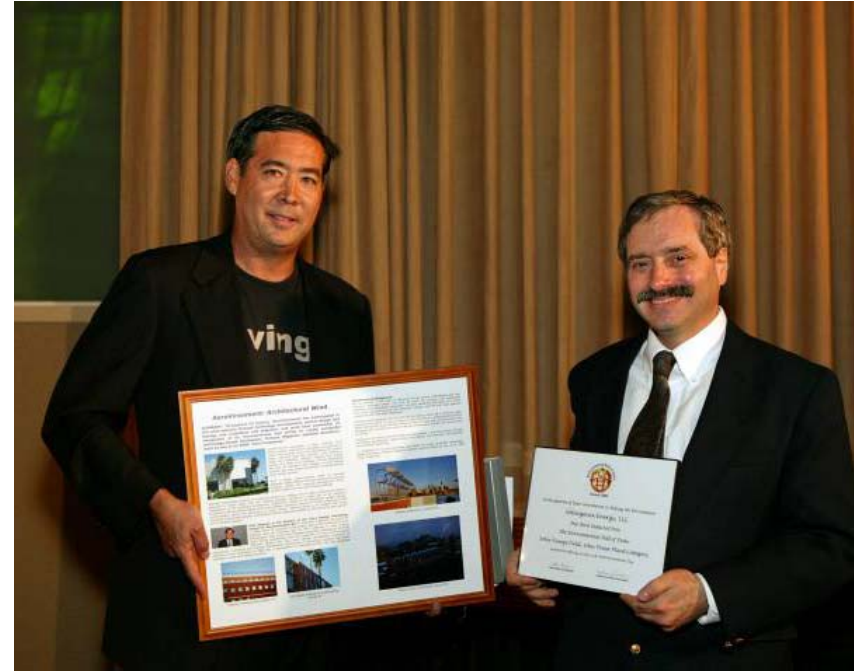


# Sterling D. Allan and New Energy Congress



- New Energy Congress is a network of 40+ energy professionals who are dedicated to clean energy technology advancement
  - Founder, Sterling Allan
    - Also founder of a dozen or more organizations whose functions range from preparedness and alternative energy development and promotion to defining, teaching and researching better ways to live as a society
    - Has made the term "free energy" more acceptable by relating it to solar, wind, geothermal, and other well-understood technologies; while also making the more exotic approaches not seem quite so crazy
- Sterling Allan is responsible for the availability of the **Top 100 Energy Technologies**
  - Prioritized listing by the New Energy Congress of leading energy technologies according to ten criteria;
  - Including: renewable, environmentally safe, affordable, feasible, credible, reliable, developed, safe, etc.

# AeroVironment Represented by Paul M. Glenney



- Paul M. Glenney is Director of the Clean Energy Technology Center for AeroVironment
  - AeroVironment developed a small, modular wind turbine system designed for installation on buildings in urban and suburban areas
    - AeroVironment defines a new category of wind energy systems
    - With a sleek, color-matched series of specially designed, highly efficient and low profile wind turbines, property owners can integrate Architectural Wind™ systems easily into new and existing buildings.
    - Architectural Wind is designed to install easily onto the building parapet, operating in plain site as an attractive complement to the building's architecture
- In recognition of its innovativeness and ability to create successful technology-based businesses, Fortune Magazine selected AeroVironment as one of its 2004 “Cool Companies.”

# Shiva Vencat for Guy Negre and MDI Air Car



- Shiva Vencat, Vice President, MDI
- Mr. Guy Negre, CEO and Founder of France-based MDI Group
  - Inventor of a breakthrough compressed air vehicle technology
  - Aeronautics and automotive engineer who began his quest to make an eco-friendly engine that ran on compressed air in 1993
- The air car will achieve a 100 miles per gallon equivalent, cost less than \$20,000 for a six-seater, with a maximum speed of 90 mph
  - It will emit practically zero pollution
  - A new way of manufacturing and shipping—a far greener, planet-friendly concept:
    - Small manufacturer/dealer plants that produce 4,000-8,000 vehicles a year
    - Serve local markets



# Jeremy Snyder for Tesla Motors



- Jeremy Snyder, Client Services Manager, Tesla Motors
- Tesla Motors designs and sells high-performance, highly efficient, electric sports cars
- First production vehicle, **Tesla Roadster**, an all-electric sports car
  - Top speed 125 mph (and that's limited for safety)
  - Cost of powering the vehicle – an estimated \$0.002 per mile
  - As of May, more than 600 Tesla Roadsters have been reserved, 400 more are on the waiting list
- Tesla Roadster's battery pack represents the biggest innovation in the Tesla Roadster
  - One of the largest and most advanced battery packs in the world combining basic proven lithium ion battery technology with their own unique battery pack design to provide multiple layers of safety
    - It is light, durable, recyclable
    - Capable of delivering enough power to accelerate the Tesla Roadster from 0 to 60 mph in under 4 seconds
    - The battery stores enough energy for the vehicle to travel about 220 miles without recharging, something no other production electric vehicle in history can claim

# David Calley, Isaac and Southwest Windpower



- David Calley, Founder and President, Southwest Windpower
  - Built his first wind turbine at the age of 12
  - Started Southwest Windpower while still in high school
  - Lives in a home he designed that is heated, cooled and electrically powered by wind and solar energy
  - Designs and builds electric and pedal electric vehicles, and solar and wind water pumping systems
  - He commutes about 2 hours per day by bike
  - Has one child, Isaac, 7 years old, who is here with us tonight
- For 20 years, Southwest Windpower has been bringing low-cost, reliable wind energy to the world
  - As the world's largest producer of small wind generators, they've pioneered new technologies to make renewable energy simple

# Ed Mercer and The Edward R. Mercer Foundation



- Ed Mercer, self-made millionaire at age 27
  - Philanthropist and Environmentalist
  - Member of WWF, National Geographic Society, Audubon Society, Greenpeace, Habitat for Humanity
  - Only non-Costa Rican advisor to the president of Costa Rica on humanitarian projects
  - Feels his greatest personal achievement is the founding of **The Edward R. Mercer Foundation**, which is dedicated to the betterment of the planet through ecological conservation and education
- Came to Costa Rica in 1988 as a guest
  - Overwhelmed by its beauty, he made it his home allocating a portion of every property sale to humanitarian and environmental projects
  - He has brought water, roads and electricity into villages, funded school projects and reforestation efforts
  - Transformed Ilsa Garza into a reserve to protect Scarlet Macaws, Sea Turtles and White-Faced Monkeys
    - Species on the verge of being wiped out by poachers who hunted them for their feathers, eggs and to sell as pets