

# Danny Day

President, Eprida, Inc.

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## Summary

My research in college lead me to seek a solution to global warming by reversing its causes. In all honesty, we cannot say the burning of coal and oil is the cause of global warming. They certainly do have an impact. Yet, the data from ice cores and sediment cores show that there have been many contributors.

At current rates of accumulation, greenhouse gas will contribute to climate change forcing will be more than any species of mankind has faced in 3 million of years. Burning fossil fuels is increasing the levels of atmospheric GHG. Yet before we burned coal, the development of intensive agriculture and land disturbance associated with our growing populations were the original culprits. Today they account for 30% of our annual GHG production.

In almost every civilization which has adopted intensive agriculture, downfall came when the topsoil was mined of its mineral wealth. The recurring pattern of has been told over and over by soil science historians. We do not need to repeat the actions of declining civilizations. Instead, the restoration of the carbon content in our soil through carbon based fertilizers is one idea that all mankind can agree and is the only one that offers a sustainable method to managing climate forcing. The success of our species has certainly been a major factor in creating the conditions we face. The flip side of the coin is that our success has provided us with the necessary agrarian population capable of managing both soil and atmospheric carbon at sustainable and economically productive levels. We now have enough people, acting together to manage the climatic swings of the past. No one has to give up anything except the idea of systemic poverty for 3 billion farmers most at risk from global warming.

## Specialties

Public speaking, biochar use and commercialization, biomass/organic waste to carbon-negative oxygen-positive fuels (oxygen-producing exhaust) long term impacts, bio-coproducts, activated carbon, CO2 capture, carbon negative energy standards, sustainable farming, sustainable energy, sustainable economies, financing our future without debt, business partnerships for the poor, laboratory testing, open source solutions, local philanthropy, nutrient dense foods, reclaiming degraded/desert lands,

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## Experience

### **President at Eprida**

July 2002 - Present (7 years 5 months)

In October 2008, a ruptured brain aneurysm paralyzed the right side of my body. Since then I have been healing. For the last seven years I have pressed hard internationally with my friends to get biochar accepted as a preferred win-win solution to climate change. I enjoy research, engineering and discovery. Since 2002, I shared from my 20 years of pyrolysis to the many callers and students who called Eprida for help or advice. The passion of the people discovering this phenomena is so encouraging and many new companies are being created spontaneously to meet the huge global need. Biochar is a locally developed business. Every locale has unique opportunities and processing requirements to produce a successful symbiotic interaction between humans and their earth. While physically limited, I am still committed to the local entrepreneur creating local wealth.

*15 recommendations available upon request*

### **Chairman of the Board - Founder at WorldWideTesting**

January 1999 - October 2001 (2 years 10 months)

Our firm invented a novel e-commerce solution to enable buyers and sellers to make confident and informed purchasing and selling contract decisions with certified real-time quality information. The firm provided industry-testing standards for most industrial nations, a database of materials and testing results, acts as the most comprehensive data warehouse of verified product data. The service support all scales of online trading. WorldWideTesting.com was the only independent third-party transaction support resource on the Internet. The Company offered secure online ordering of third party sampling, surveying and analytical testing for chemicals, pharmaceuticals and other industrial commodities through a global network of independent accredited laboratories.

*2 recommendations available upon request*

### **Founder at Scientific Ag Industries**

1994 - 1999 (5 years)

This firm was started in partnership with the US Government to convert peanut shells into activated carbon and energy. The USDA Alternative Agricultural Research and Commercialization Corporation's helped provide development and marketing support of the firm's renewable products back to the US government, with Congressional support for government purchase set aside status for these US made products. Congress dissolved this innovative program of government support for commercializing technologies and green products in 2000. The company had to close its doors as imported coal based Chinese carbon was being dumped to our government and municipalities for water filtration at steep discounts over American producers. The EU had protected its domestic suppliers with anti-dumping tariffs. The US followed several years later. Though tough at the time, that ultimately led me to the discoveries in 2002.

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## Education

### **Georgia Institute of Technology**

Entrepreneur, Mech.Eng/Architecture/Const. Mgmt, 1976 - 1981

**Activities and Societies:** In 1979 at GaTech, I conducted a research project compiling published data of geologically recent shifts to the earth's climate. The data pointed to an unknown agent(s) which caused significant and abrupt reductions in the total amount of life on our planet. At the time the cause was unknown.

### **Early County High School**

1973 - 1976

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## Honors and Awards

I was named one of the 27 Brave Thinkers of 2009 by The Atlantic magazine.

<http://bravethinkers.theatlantic.com>

## Interests

Public speaking and consulting to share the concepts I am most passionate. They include: Building a Bridge Back to Planet Earth, the structure and methods social purpose firms use to maximize good provided to those most at risk from abrupt climate shift, a use-and-improve license model that can replace the intellectual patents, the future where rapid innovation through open source development will allow us to experience peace and abundance.

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## 17 people have recommended Danny

"I came to work for EPRIDA in the Fall of 2005 when I was 25 years old. I do not know where I would be today if it were not for Danny and his company EPRIDA. I had no experience working with the machinery and tools that I would become accustomed to over the next few years. Danny gave me two gifts that would change my life forever. The gifts of self confidence and knowledge. Danny made you feel very proud of yourself when you would have a new and original idea. This spawned several great ideas because you felt like you would make a difference. I think if you give people pride instead of bonuses it returns cooperation not competition. Cooperation is the one thing I think Danny understands will help us solve energy, agriculture, and social problems and bring us into a new era of technology. A where everyone can eat nourishing food, breathe clean unpolluted air and get people to work with each other instead of against each other."

— **Donald Lakly**, *Research Technician III, UGA*, worked directly with Danny at Eprida

"I recruited Danny to be a speaker twice. First, on the recommendation of Carol Werner of EESI, I asked him to speak in 2005 at an APS Panel discussion on Technologies to Reduce the Risk of Abrupt Climate Change. In 2006 I recruited him to speak at the Laboratory Energy R&D Working Group (LERDWG) on his Biochar research. Both times he brought together an incredible amount of diverse information and delivered it clearly and with passion. Contact me for more details."

— **Tina Kaarsberg**, was Danny's client

"Danny was a great guy to work for. We had a lot of fun and worked very hard to build the business at WorldWideTesting and it was the springboard to my career in software development. Danny was always one who had incredible vision and seemed to always know how to land on his feet regardless of what happened."

— **Jerry Martin**, *Developer, WorldWideTesting*, worked indirectly for Danny at WorldWideTesting

"Danny has always been a fellow to think "out of the box" to provide novel and sometimes brilliant solutions to a wide range of problems. His notable capabilities combine with high drive, excellent work ethics, and integrity, which makes him an unusually remarkable man."

— **Jon Yaeger**, *Owner, Data Savers, LLC*, was a consultant or contractor to Danny at Eprida

"Danny Day presented the most realistic turn-key opportunity to utilize agriculture as a means of sequestering carbon and promoting commodity based economic growth that I've ever seen. The concept of using our abundant waste streams to create value added bi- and co-products is not a new one. We've just been waiting for a visionary with the systems, technology, and processes to carry it out. Danny Day and Eprida have just that."

— **Gerald Villazon**, was Danny's client

"Danny Day is an excellent entrepreneur and was talking about the beneficial effects of biochar long before it was "in vogue". As a chemical engineer, his insights into the benefits of biochar as a soil amendment are intriguing. His early ideas about taking agricultural biomass as a hydrogen source for hydrogen fuel and using the biochar coproduct as a soil amendment were presented to me as early as 2003. Danny thinks outside the box and is a persuasive idea promoter. He clearly has the energy and passion for his work using pyrolysis to generate biochar as a form of renewable energy that has the potential to lead to a carbon negative energy production system. My interactions with Danny began when he provided me with some of the first peanut hull char to do some preliminary experimental work evaluating plant response to the nutrient benefits in the biochar. Since that initial experiment, he has willingly provided several other chars for ongoing experiments at our laboratory. Danny's ability to pick up critical soil science concepts and the role the biochar can play has been amazing and exciting. He is willing to try previously "off the wall" projects with respect to biochar that are now becoming an important factor in characterizing the ecological role of carbon in the form of biochar in his role in agricultural production. While the biochar may not be amenable to microbial breakdown, the biochar physical and chemical properties will contribute to enhanced soil quality that is important for maintaining sustainable agricultural production systems."

— **Reicosky Don**, *Soil Scientist, USDA-ARS*, was with another company when working with Danny at Eprida

"Danny has a commanding scope of the global carbon cycle, and his expertise in the energy sector makes him a shoe-in for carbon negative energy production. I highly recommend Danny for speaking engagements, as he can capture the attention of the room whether it is a group of technically advanced scientists or a room full of business leaders."

— **James Fisher**, *Owner, Soil Solutions LLC*, was with another company when working with Danny at Eprida

"Danny was a great guy to work for. He took great interest in everyone at WWT, and pulled in people and connections that boggled my mind at the time, being a very young green-gilled tech. He gave the tech folks a free enough hand to do our jobs well, but stayed interested to steer the direction we were heading."

— **Keith Hudgins**, *Network Operations Multitool, WorldWideTesting*, worked indirectly for Danny at WorldWideTesting

"The most fantastic thing about Danny is his capacity to get you excited when you here him talking about ideas and solutions for our collective future. Danny speaks about the recipe of human interaction and the flavors of our lives. By sharing our recipes, we can all enjoy the flavor of life and improve our own ability to share and improve. Its the process of evolution. The more we work together, the better we get."

— **John Reisman**, *Director, OSS Foundation*, worked with Danny at Eprida

"Danny Day has been very valuable to my company in providing in-depth working knowledge of biochar production and use. I look forward to continued collaboration in developing a new project to utilize this advance pyrolysis technology in conjunction with our Energy Campus locations.  
Donovan Waugh"

— **Donovan Waugh**, was Danny's client

"Danny in one of the most innovative, tireless, and dedicated individuals I have ever met and a good person to boot. He has had the vision to see the future and has done everything he can to make it happen. I am proud to be associated with him."

— **William I. Woods**, *Professor, University of Kansas*, was with another company when working with Danny at Eprida

"Danny is one of the most creative thinkers I have ever known and worked with, and I have worked with a lot of them. He has the technical ability and intelligence to grasp highly technical things and the brilliance to put many concepts together to come out with winners. He has a strong social and environmental conscience and the drive to make things happen, despite whatever obstacles he may encounter. His energy never flags. We need more business-oriented dreamers like Danny."

— **Dorin Schumacher**, *CEO, Consortium for Plant Biotechnology Research (CPBR)*, was with another company when working with Danny at Eprida

"Danny Day is a bright energetic possibilities thinker who has been able to make things happen when others said it is impossible. The advertising logo - 'Impossible is Nothing' - they were talking about Danny Day!"

— **Jon Crate**, *President / Senior Chemist, FAI Materials Testing Laboratory, Inc.*, was a consultant or contractor to Danny at Eprida

"Danny is one of the most forward thinking scientist of our time. And he loves to teach and empower people with information that can be used to make our planet better."

— **Jack Knight**, *President & Ceo, JKSWA*, was with another company when working with Danny at Eprida

"I met Danny Day via his Eprida foundation work and advocacy. My team and I where just blown

away by Danny's presentation, depth and commitment to a philosophically sound way of life and approach to problem solving. Danny's a one of a kind, top quality and an inspirational leader. I feel that trust placed in anything Danny's involved with would be trust well placed. Yours, Curt Smith"

— **Curt Smith**, *Architect, BellSouth.net*, was Danny's client

"I have known Danny Day for over 12 years and can attest to his brilliance and innovativeness. Danny has discovered some of the most practical approaches to dealing with the country's energy crisis and the huge problem of global warming. It is people like Danny who will lead us into new fields of renewable energy discovery that will have a positive impact on the world economy and our planet."

— **Bruce Crain**, *President, Crain Consulting, Inc.*, worked with Danny at Eprida

"Danny is one of the most creative, energetic and exciting minds I have had the pleasure to work with. His brilliance is only supplanted by the power and warmth of his heart. His mind, driven by the depth and compassion of his heart, is a combination anyone on the planet would be blessed to experience. Your life will be immeasurably improved by any association with him."

— **Anita M. Burke**, *Owner, The Catalyst Institute*, worked directly with Danny at Eprida

[Contact Danny on LinkedIn](#)