

get the oil out of there. Obviously there is fuel out there and the energy companies are willing to get it—we just have to be willing to pay the price or develop alternatives. The energy companies have to spin “doom and gloom” so we give them a pass and do not question their methods. Political action committees and lobbyists are the point on that challenge, but you know that part already.

Sir, I don't understand the reluctance of our elected representatives to make energy independence a national priority, the same way President Kennedy made going to the moon a national priority. I do understand there is a lot of effort by the energy lobby to not encourage alternative production.

If the energy companies (gas/electric/coal) have no interest in finding alternatives, that impetus must come from the body politic.

By the way, the inside news is that banks in the Middle East are actively investing in alternative energy development, so why aren't we? They know oil will not last forever and they are getting ahead of the problem. We are not.

I will offer this. In Idaho we have a climate not unlike Seville, Spain. There they are working on a project using the sun's energy to eventually generate enough power for 600,000 homes. That would be the Treasure valley and beyond. Owyhee County is a great place to set one up. In 2007 it was already generating 11mw, enough for 6000 homes so we know the application works. It is expensive, but those costs will come down. The Spanish paid the big cost of R & D for all the rest of us. This is a place with no carbon footprint. You can see the BBC article about this effort at: <http://news.bbc.co.uk/2/hi/science/nature/6616651.stm>

So why is there only talk in Idaho of a nuclear power plant (very expensive, does make some waste) or a new gas fired electrical plant (very expensive, depletes resources and leaves a big carbon footprint)? Why is the battlefield being prepared by an Idaho Power rep saying recently “the era of cheap power is over.” Why is Idaho power (and all the other electricity providers) not championing alternative sources to generate electricity?

Why is the government not doing more to promote wind power as a source of electrical generation. I heard a story that it might affect birds. I studied a wind farm in Oklahoma recently (along the interstate). Those blades turn pretty slow and it would be a stupid bird who couldn't fly past it. We have lots of wind in Elmore County and most of Idaho along the interstate. For people concerned about birds or views, the birds will be killed the effects of global warming and the view is not worth much if our society collapses.

As an elected official and guardian to protect America from all enemies, foreign and domestic (it is in the oath) I am surprised that you (and the other elected officials) are just so stymied by this problem. It is not too hard a problem (we did figure out how to split the atom some years ago) and it cannot be too expensive since we have already spent a trillion dollars in Iraq.

You just have to want to do this.

Thanks for asking for my story. I will send this off to a couple of other Idahoans for them to share.

Respectfully,

MIKE, Boise.

RECIPIENTS OF THE 2008 DAVIDSON FELLOWS AWARD

Mr. GRASSLEY. Mr. President, it is my honor to pay tribute today to 20 outstanding young scholars and recipients of the 2008 Davidson Fellows

Award, a scholarship granted to exceptional students to assist them in pursuing higher education. The Davidson Institute for Talent Development distributes grants to highly gifted individuals under the age of 18 who have demonstrated academically rigorous projects that demonstrate a potential to make a significant positive contribution to society. Mr. President, allow me to introduce the recipients and elaborate on their noteworthy accomplishments.

Akhil Mathew, a 16-year-old from Madison, NJ, proved a single filter, or system of weights, can decode only a finite number of rationals. Akhil's work is relevant to signal processing, analog-to-digital conversion, and representing numbers in an alternative way.

From Gaithersburg, MD, 17-year-old Sikandar Porter-Gill developed a novel process to clean wastewater and produce methane for use as an alternative form of energy by engineering bio-catalyzed microbial fuel cells to degrade organic material in wastewater. Sikandar's research is a promising step toward pursuing a cost-effective and environmentally friendly energy source.

A 17-year-old from Setuaket, NY, Christine Shrock, studied a region of the HIV protease, a protein crucial in the replication of HIV. She found that this region is a promising target for drugs to bind to change the shape of the protease, preventing it from performing its function. Christine's research is an important contribution to the development of a new class of drugs to reduce the number of infections and deaths caused by HIV.

Philip Streich, a 17-year-old from Platteville, WI, showed that carbon nanotubes are thermodynamically soluble, contradicting the generally held assumption that they were universally insoluble. He designed and custom built a unique photon-counting spectrometer that is more sensitive and precise than any commercially available. Philip's work has broad applications in the field of nanotechnology engineering.

At just 14 years old, Conrad Tao from New York, NY, has made classical music relevant to younger generations through his performances that display a vast knowledge, deep understanding, and mature interpretation of the repertoire. A composer, pianist, and violinist attending the Juilliard Pre-College Division, he has been featured on NPR's “From the Top,” performed at Carnegie Hall and has received five consecutive American Society of Composers, Authors and Publishers, ASCAP, Morton Gould Young Composer Awards.

Michael Cherkassky from Minneapolis, MN, compared the application of several machine learning methods to real-life medical data sets in order to understand the generalization capability of the estimated models, advancing the current predictive diag-

nostic model. Michael, who is 16 years old, also compared the diagnostic accuracy of two classification methods, allowing physicians to obtain more accurate diagnostic conclusions while advancing patient care.

Twelve-year-old Hilda Huang from Palo Alto, CA, has determined to change the way people feel about Johann Sebastian Bach. Performing on the harpsichord and piano, Hilda aims to bring Bach to everyone, especially young people who may be unfamiliar with his music. Her many accomplishments include performances on NPR's “From the Top” and at Carnegie Hall.

Jasmine Miller, a 17-year-old from Nashville, TN, examined her generation's interactions with technology and the impact of digital media on our identities. Through a one-act play, creative essays, and a novel excerpt, Jasmine explored the uncharted minds of the current generation of American youth.

At age 17, Saraswathi Shukla from Princeton, NJ, has conducted an in-depth study of sound and music in Franz-Anton Mesmer's theory of animal magnetism. Combining history, music, language, and literature, she examined the role of music in Mesmer's therapeutic seances in the context of broader changes in the popular perception of sound in pre-Revolution Paris. The importance of sound in mesmerism presents new ways to analyze scientific theories of this period.

Seventeen-year-old August Siena Thomas from Montague, MA, examined the ways in which personal and political histories are purposefully reimagined and rewritten. Through a historical novel, literary reflection, drama, and historical interpretation, August observed the manner in which interpretation of history remain fluid and reflected on how writers have used malice, ambition, flattery, and imagination through the ages to shape the way history is written.

Vijay Venkatesh, a 17-year-old from Laguna Niguel, CA, won the grand prize at the Los Angeles Music Spotlight Awards and the second prize at the Virginia Waring International Piano Solo Intermediate Competition. Vijay views music as a gift to move the world, serving as a common link to touch humanity, and believes it is his duty as a performer to assure the audience of the joy and love that transcend life's struggles.

Only 12 years old from Beaverton, OR, William Yuan invented a novel solar panel that enables light absorption from visible to ultraviolet light, doubling the light-electricity conversion efficiency. William also developed a model for solar towers and a computer program to simulate and optimize the tower parameters, providing 500 times more light absorption than commercially available solar cells and 9 times more than the cutting-edge, three-dimensional solar cell.

At age 17, Charles Zhang from Oakland Township, MI, has researched and

developed a prototype for renewable battery power that harvests energy from mechanical vibrations with a larger magnitude and efficiency of AC voltage. His prototype can be used as a primary power source in wireless structural monitoring sensors for bridges, implantable medical devices, tire pressure monitoring systems and portable devices.

Another 17-year-old, from Ponte Vedra Beach, FL, Nathan Georgette, developed a mathematical model intended to reduce the costs of stopping viral disease outbreaks in impoverished nations. He used mathematical modeling to generate a formula to calculate in real time the minimum number of vaccines needed to stop a measles outbreak. Nathan's research represents a new approach to understanding the dynamic effects of infectious disease spread and gradual immunization.

Seventeen-year-old Molly Hensley-Clancy from Minneapolis, MN, explored the primal human instinct of storytelling through the eyes and minds of young girls, demonstrating that geographic and linguistic differences do not change the universality of dreams, thoughts, and troubles. She believes the more we notice the commonalities that bind us together as human beings, rather than what sets us apart, the less we will be able to ignore those who are suffering among us.

Kyle Hutzler, a 16-year-old from Huntingtown, MD, authored a substantial policy paper on education reform, recommending that successful school reform must incorporate choice, autonomy, and accountability, along with the empowerment of parents, students, and teachers. His work articulates a vision for restructuring with specific proposals ranging from classroom organization and curriculum, to funding and teacher pay.

At 17 years old, Michael Leap from Okemos, MI, has examined the role of science in our society by synthesizing and applying several complex philosophical concepts to basic questions about science in everyday life. With the thesis that conventional views of science, truth, and nature only function from a self-referential viewpoint, he presents new, transversal perspectives in hopes that this critical examination will lead to a greater understanding of the world at large.

Divya Nag, a 17-year-old from El Dorado Hills, CA, developed both a thermal analysis technique to quantify the effects of forest fires and a novel ratio to determine organic matter loss in on-site situations. By using differential scanning calorimetry, thermogravimetry, and x-ray diffraction, Divya determined soil ignition temperatures and soil compositions before and after burning. These techniques can be used in evaluating the efficacy of prescribed burning and forest management.

Seventeen-year-old Avanthi Raghavan from Orlando, FL, studied mechanisms of protein transport critical to

the survival and pathogenicity of the malaria parasite, *Plasmodium falciparum*, which infects human red blood cells and causes malaria. By using confocal microscopy, Avanthi characterized the role of the SNARE proteins PfSec22 and PfBet1, thus identifying potentially exploitable targets for the future development of parasite-specific drugs.

Sarah Walianny, a 16-year-old from Arcadia, CA, discovered that expression of the gene t-Darpp can make Her-2 positive breast tumor cells become resistant to the drug Herceptin. Sarah demonstrated that t-Darpp alters a critical signaling pathway that regulates growth and survival in cells. Sarah's work shows that blocking the t-Darpp gene can eventually lead to more effective breast cancer treatment.

Mr. President, today each of these 20 young scholars deserve our praise for the commitment they have demonstrated to enriching our understanding in the fields of music, science, literature, and technology. These 20 young people also deserve our admiration for their desire to improve the lives of individuals worldwide by addressing issues of practical import. Finally, these young people deserve our gratitude for the shining example they have set for us by the excellence of their work and their desire to work on the behalf of others. I would also like to thank the Davidson Institute for the support and direction they provide to this group of our country's young leaders. The knowledge of such dedicated and gifted young Americans gives me great hope and comfort for the future. Clearly, the future of our country rests in capable hands.

REMEMBERING TERRANCE DAVIS

Mr. PRYOR. Mr. President, it is with great sorrow I rise today to remember a bright young man who was taken from us far too soon. Terrance Davis, 20 years old and from Osceola, AR, was a gifted student majoring in sociology, theater and performance studies, and African-American studies at Georgetown University.

My staff and I were blessed to benefit from this young man's talents this past summer when he served as an intern in my office. I had the privilege of getting to know Terrance during this time and to see his passion for public service.

Terrance was an enthusiastic leader who was not afraid to take on multiple responsibilities. After fulfilling his duties in the Senate he would attend rehearsals for the play he was directing at Georgetown University until late into the evenings. He also served as director of the Georgetown University Gospel Choir.

His friends at school and people in my office referred to him as someone with a positive attitude who was always ready to work. Other friends referred to him as having strong passion for his Christian faith.

Terrance had plans to serve our country by participating in the Teach for America program and wanted a future in helping students through higher education. He once said that becoming a college professor or dean was something he inspired to do.

Tragically, on September 1, 2008, Terrance Davis was involved in a fatal accident in Harkerville, South Africa, where he was traveling on a holiday break from his academic study abroad program at the University of Cape Town. I join his family and friends in mourning the loss of this great young man.

Mr. President, I ask my colleagues to join with me in honoring the life of this exceptionally talented young man, Terrance Davis.

ADDITIONAL STATEMENTS

40TH ANNIVERSARY OF EDEN HOUSING

• Mrs. BOXER. Mr. President, I take this opportunity to recognize the 40th anniversary of Hayward-based Eden Housing, one of northern California's oldest and most esteemed nonprofit affordable housing developers and managers.

In 1968 six community activists, troubled by the lack of affordable, non-discriminatory housing throughout Alameda County founded Eden Housing. Over the last 40 years, Eden Housing has expanded its advocacy for affordable housing beyond Alameda County. Through the dedicated work of its staff, volunteers, and board of directors, Eden Housing has succeeded in creating nearly 5,000 affordable housing units that have provided homes to thousands of Californians. Throughout the last 40 years, Eden Housing has grown to partner with 20 cities in 6 counties throughout California.

Eden Housing has an outstanding commitment to providing low to moderate-income families and seniors, people with disabilities, the formerly homeless and first-time homeowners with affordable housing opportunities, social services and supportive programs. Eden Housing has received numerous awards for its work in quality affordable housing, including being named one of the Top 50 Affordable Housing Owners in the United States by Affordable Housing Finance Magazine in 2007 and 2008.

In 2006, Eden Housing was honored by the California Housing Consortium for its "contribution to fostering the creation of affordable housing throughout California." The services and programs provided by Eden Housing offer those with limited incomes or disabilities, and potential first-time homeowners, the opportunity to turn the dream of quality affordable housing into a reality.

I commend Eden Housing staff and volunteers for their many accomplishments over the last 40 years and I send