

RECOGNIZING THE ACCOMPLISHMENTS OF THE UNIVERSITY OF COLORADO SOLAR DECATHLON TEAM

**HON. MARK UDALL**

OF COLORADO

IN THE HOUSE OF REPRESENTATIVES

*Thursday, October 20, 2005*

Mr. UDALL of Colorado. Mr. Speaker, I rise today to recognize the accomplishments of a talented group of students from the University of Colorado who designed and built the winning entry at the Department of Energy's Second Solar Decathlon. CU's win is all the more notable because it is their second, after also winning the first Solar Decathlon competition in 2002. I am submitting for the RECORD a recent article from the Daily Camera describing the team's achievement.

The Solar Decathlon is a competition organized by the Department of Energy that gives college students an opportunity to demonstrate practical uses of solar power. This October, 18 university teams from around the country and the world competed in the second Solar Decathlon to build the most energy-efficient, solar-powered house. Each team was required to use solar energy to power the entire house, and was judged on how well its house was able to produce energy for heating, cooling, hot water, lighting, appliances, computers, and charging an electric car. The houses were also critiqued on their overall aesthetic design.

As a "zero energy home," CU's house combines advanced solar energy systems and energy efficient appliances and thus produces more energy than it consumes over the course of a year. In addition, as CU's official Decathlon handout stated, "The CU home is one that you can truly "sink your teeth into. Materials used in the home's construction and furnishings read like a health food menu," including such natural "ingredients" as soy, corn, sunflower, canola, coconut, wheat, citrus oil, and even chocolate. Using these natural materials was one of the team's five design goals, along with modularity, accessibility, innovation, and energy efficiency.

Colorado's core team consists of about 20 engineering and architecture students, among them Jeff Lyng, Frank Burkholder, Kristin Field, Mark Cruz, Drew Bailey, Jacob Uhl, Jon Previtali, Bryce Colwell, Jimmy Chambers, James Dixon, Ryan Drumm, Kathy Clegg, Geoffrey Berlin, Koki Hashimoto, Isaac Oaks, Greg Shoukas, Adam Courtney, Seth Kassels, Abby Watrous, Tim Guiterman, and Scott Horowitz. Many more students contributed in other ways. The students were assisted by faculty advisers Julee Herdt, Mike Brandemuehl, and Rick Sommerfeld.

CU's team had a challenge—to take advanced architectural and engineering concepts, put them together in a design, and build a house that could be a model of our energy future. These students met that challenge—and met it better than any of the other teams. I'm proud of these students and I'm proud that the University of Colorado produced such a talented team. Most of all, I am proud to represent these young people who are working so hard to make our way of life a sustainable one.

[From the Daily Camera, Oct. 15, 2005.

CU TEAM CLINCHES SECOND SOLAR WIN

(By Todd Neff)

The University of Colorado repeated as international Solar Decathlon champ on Friday, thanks to a combination of stubborn cloud cover in Washington, DC, and a bold decision when the outlook was particularly gray.

The CU team's 800-square-foot, solar-powered BioS(h)IP mobile home won over entries by teams from 17 universities in the United States and Puerto Rico, Canada and Spain.

"I'm shocked," winning project manager Jeff Lyng, a master's student in CU's civil engineering school, said by cell phone. "The weather held, and it was really just dumb luck that our strategy worked."

The team made its own luck. The second-ever Solar Decathlon—CU won the first title in 2002—was dogged by clouds. The CU team's energy-saving house, capable of socking away 36 kilowatt hours a day in the Colorado sunshine, could manage only about 5 kilowatt hours a day on the shadowed National Mall.

That was less than CU's and other teams needed to boil water, launder towels, refrigerate food and fuel the electric car, among other things.

The competition, sponsored by the U.S. Department of Energy, was fierce.

"There are some spectacular houses here," said Michael Brandemuehl, who with architecture professor Julee Herdt served as CU faculty advisers in both competitions. "No disrespect to the 2002 competitors, but the architectural quality is head and shoulders above what we had in 2002."

As of Tuesday morning, CU stood in eighth place. The team decided on a risky strategy: participate in a variety of competitions—where small numbers of points can be won for doing such things as boiling water and cooking meals—and run down the house's batteries.

Battery level mattered because the last of the Solar Decathlon's 10 competitions offered 100 points—of a total of 1,100 possible points—to those who generated as much energy as they used. Had the sun begun to shine, more conservative teams could have refueled and leapt past CU in the standings.

CU team ended up with 853 points, followed by Cornell University's 826 and California State Polytechnic University's 809 points.

CU won three categories: documentation, communication and "getting around," which involved team members Scott Horowitz and Isaac Oaks driving the team's electric car up to eight hours a day. They racked up 319 miles in five days at a speed of about 15 miles per hour.

"It was totally grueling," said project manager Lyng.

CU's documentation effort was bolstered by three-dimensional computer renderings showing the operation of the CU house's removable roof, done by undergraduate architecture student Mark Cruz.

The home is bio-friendly to its core, built with a raft of natural materials including everything from corn to coconut. Its defining innovation were Bio-SIPs, for which CU has applied for a patent. These structurally insulated panels are made of soybean-oil-based polyurethane, sandwiched between hard sheets of recycled paper.

Frank Burkholder, one of 20 core team members and among the dozen who made the trip to the nation's capital, said the Bio-SIPs held heat so well that the house lost just four degrees overnight.

"It saved us a lot of energy," he said.

Team faculty adviser Herdt said the home's strong "branding" as a bastion of bio-based materials probably helped in the

eyes of judges. But it was a strong student squad that made the difference, she said.

"I always ask them if they are athletes," she said. "You have to be a long-distance runner. You have to be consistent in your work and conserve energy. That's what helped this time—strategizing and staying strong all the way through."

The team's efforts got attention in high places. Lyng said Energy Secretary Samuel Bodman quipped, "I could see myself living here," when walking through the CU home.

The Department of Energy is increasing support to individual teams from \$5,000 this year to \$100,000 for the 2007 competition.

The CU solar home will host tours through Sunday on the National Mall. Its doors also will be open for tours on the CU campus following a 2,500 mile, biodiesel-fueled trek back to the Front Range. Its final destination is Prospect New Town in Longmont.

TRIBUTE TO LANCE CORPORAL  
CARL L. RAINES

**HON. TERRY EVERETT**

OF ALABAMA

IN THE HOUSE OF REPRESENTATIVES

*Thursday, October 20, 2005*

Mr. EVERETT. Mr. Speaker, I rise today to pay tribute to an American hero from my congressional district who recently gave his life in defense of freedom.

Lance Corporal Carl L. Raines II, age 20, of Enterprise, Alabama, died October 6 from an improvised explosive device while conducting combat operations against enemy forces near Al Qaim, Iraq.

He was assigned to Combat Service Support Detachment 21, 2nd Force Service Support Group, II Marine Expeditionary Force, Cherry Point, North Carolina. As part of Operation Iraqi Freedom he was attached to Regimental Combat Team 2, 2nd Marine Division, II Marine Expeditionary Force.

I am very sorry to hear about the loss of Lance Corporal Raines and I pass along my condolences to his family, Mr. and Mrs. Carl Raines of Enterprise.

Lance Corporal Raines' courage and selfless service will be an inspiration, to all who treasure freedom. May our grateful Nation always honor the memory of his brave service and sacrifice.

TRIBUTE TO IRENE P. DELOS  
SANTOS GONZALEZ

**HON. SOLOMON P. ORTIZ**

OF TEXAS

IN THE HOUSE OF REPRESENTATIVES

*Thursday, October 20, 2005*

Mr. ORTIZ. Mr. Speaker, I rise today to pay tribute to a true American patriot: Irene De Los Santos from Brownsville, Texas. On October 22, 2005, Ms. De Los Santos will be 99 years young. She has seen the greater part of the 20th century and has been at the forefront of numerous historical events while serving as an outstanding example for her community.

Since she had a profound understanding of what the early 20th Century was like, before women were finally given citizenship in this great Nation, and allowed to vote. As. De Los Santos cherishes this precious right and never lets an election pass her by.

She has voted in every Brownsville election since 1929 and remembers her \$1.75 poll tax vividly. What is most amazing and admirable is the fact that Ms. De Los Santos is still an active member of the community and encourages everyone to participate fully in our democracy by both voting and working at the polls. Her daughter remembers riding along in the back of the car as they went from house to house encouraging members of the community to vote when she was only 8 years old.

Ms. De Los Santos is a powerhouse of politics in the South Texas community, and her support for various candidates is sought and cherished. I am so proud that she has been one of my strongest supporters throughout my 23 years in Congress.

Irene has lived a long and rewarding life, and watched our most important national events unfold: the passage of the 19th Amendment, the rise and fall of dictators around the world, the passage of the Civil Rights Act, and countless other memorable events in our Nation's history. Through it all, Ms. De Los Santos says she has enjoyed her life and would not change anything.

Her extended family includes three sons and two daughters, 16 grandchildren, 29 great-grandchildren, 11 great-great grandchildren, and 10 great-great-great grandchildren. Everyone, that totals to 71 potential votes, and we all know that elections have been won or lost by fewer votes. Even now, Ms. De Los Santos encourages her entire family to vote and continues to look on as her fellow voters come in and out of the polls.

Today I ask my colleagues to join me in recognizing this extraordinary woman for her contributions to her community and our Nation, and for her active participation our Nation's history. May the next century be as wonderful for her as the past 99 years.

**PERSONAL RESPONSIBILITY IN  
FOOD CONSUMPTION ACT OF 2005**

SPEECH OF

**HON. ROSA L. DeLAURO**

OF CONNECTICUT

IN THE HOUSE OF REPRESENTATIVES

*Wednesday, October 19, 2005*

The House in Committee of the Whole House on the State of the Union had under consideration the bill (H.R. 554) to prevent legislative and regulatory functions from being usurped by civil liability actions brought or continued against food manufacturers, marketers, distributors, advertisers, sellers, an trade associations for claims of injury relating to a person's weight gain, obesity, or any health condition associated with weight gain or obesity, with Mrs. MILLER of Michigan in the chair.

Ms. DeLAURO. Madam Chairman, encouraging personal responsibility is something we all support in this institution—particularly with respect to rising rates of obesity. With two-thirds of premature deaths in the U.S. due to poor nutrition, physical inactivity and tobacco use, Americans do need to be more mindful of what they put in their bodies.

But with only 12 percent of Americans eating a healthy diet and diabetes rates having risen 61 percent in the last decade alone, it is becoming increasingly clear that Congress is abdicating a responsibility of its own—we are failing to fashion policies that support Americans' efforts to adopt healthier lifestyles.

Instead of shielding companies from litigation, we should be giving people the information they need to make the informed choices that exercise that personal responsibility. Today, Americans are eating out more frequently, spending about half of their food dollars at restaurants—a figure that has doubled since 1970. And everyone knows how much harder it is to eat healthily when they eat out. Little wonder children eat almost twice as many calories when they eat at a restaurant as they do when they eat at home—studies have shown that even trained nutritionists cannot estimate the calorie and fat content in a meal they do not prepare themselves.

We need to be creative. For instance, I will be reintroducing legislation shortly, The Meal Education and Labeling Act, that would extend the kind of nutrition labeling you find on packaged foods at the store to include foods at fast food and other chain restaurants. It would require these chain restaurants to list calories, saturated plus trans fat and sodium on printed menus and calories on menu boards, giving consumers the necessary nutritional information to make healthy choices for themselves.

That is the kind of balanced, innovative approach this body should be considering today to address obesity—that would be a real step toward helping encourage personal responsibility in food consumption while protecting industry and our Mom n' Pop restaurants. Instead, as we have seen countless times before, this majority has again chosen to use a very important public health issue to pursue a narrow and completely unrelated political agenda.

Madam Chairman, we should do something about obesity in this country by empowering people to make informed decisions for themselves. But this bill is not the way to go about it.

**HONORING LIEUTENANT MICHAEL  
P. MURPHY**

**HON. TIMOTHY H. BISHOP**

OF NEW YORK

IN THE HOUSE OF REPRESENTATIVES

*Thursday, October 20, 2005*

Mr. BISHOP of New York. Mr. Speaker, it is an honor to rise with the New York Congressional Delegation to recognize an American hero. Today I am introducing legislation to name a post office in my district—in Patchogue, New York—in honor of Lieutenant Michael P. Murphy.

Lieutenant Murphy, U.S. Navy, was killed in Afghanistan when he and three other SEALs were ambushed by Taliban insurgents. Many of you may recall the reports during the week of June 27 about the heroic rescue attempt of Lt. Murphy's unit, when an Army MH-47 Chinook helicopter was shot down by a rifle-propelled grenade in the Kunar province with 16 special operations troops aboard.

Lt. Murphy was only 29 years old when he died. Already having achieved his dreams of attending Penn State University and becoming a Navy SEAL, he had deferred another dream of attending law school until his tour had ended. He was also engaged to be married upon his return in November.

Lt. Murphy was universally admired and loved. His parents, teachers, and commanding officers all praise his intelligence, dedication

and kindness. Perhaps the commanding officer of the Navy's SEAL Recruiting program who mentored Lt. Murphy and prepared him for SEAL training best summed up this young hero's essence when he said:

He achieved something most of us don't have the courage to attempt . . . He was a very focused young man with a terrific attitude, quiet intensity and determination.

After learning of his tragic loss, Lt. Murphy's father reflected on what the memory of his son left behind:

We were just honored to have him as a son for 29 years. He's our herd, and I think he is everybody else's hero . . . He squeezed more life in 29 years than I will ever see."

This past summer, my district lost a beloved friend and our nation lost one of its bravest sons to the War on Terror.

Mr. Speaker, on behalf of all Americans, I thank the House for honoring St. Murphy's service, valor and ultimate sacrifice for this Nation by renaming the post office located at 170 East Main Street in Patchogue, New York as the "Lieutenant Michael P. Murphy Post Office."

**HOT JAZZ SATURDAY NIGHT**

**HON. JAMES P. MORAN**

OF VIRGINIA

IN THE HOUSE OF REPRESENTATIVES

*Thursday, October 20, 2005*

Mr. MORAN of Virginia. Mr. Speaker, over 25 years, jazz enthusiasts in the Washington region have tuned to one program for their weekly jazz entertainment. Musicians such as Duke Ellington, Ina Ray Hutton, and the Boswell Sisters fill the radio waves every Saturday evening thanks to Rob Bamberger, creator, producer, and host of Hot Jazz Saturday Night.

Rob Bamberger began as a volunteer for WAMU in 1978, where he presented the first of several features on jazz performers during the news show, Morning Line. Two years later, in 1980, he created his own show, Hot Jazz Saturday Night, which he has hosted ever since. Rob's passion and dedication goes on display every Saturday night for three hours as he shares his love for jazz, swing, and big band music with WAMU listeners.

Rob's interest in vintage jazz and swing came at an early age. While at an elementary school book fair in 1963, he purchased, for a dime, a two-record set featuring broadcast performances by the Tommy Dorsey Orchestra. This seminal moment in young Rob's life sparked a consuming and scholarly fascination with American music from the '20s, '30s, and '40s and became the cornerstone of a record collection which fills the basement of his Arlington, Virginia home.

By day, Rob Bamberger serves Congress as a senior policy analyst with the Congressional Research Service. While Rob takes great pride in his work with CRS, his true love becomes evident to listeners both locally and abroad through broadcasts on WAMU, NPR, and the Armed Forces Network.

Over the years, Rob's passion for music has led him to give talks before audiences at the Library of Congress, the Smithsonian, and the Cosmos, Maryland and University Clubs. When discussing topics ranging from, the history of repertory jazz, to the meeting of jazz