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Thrice thrives on inspiration Page 9

# VALENCIA VOICE

Volume 4, Issue 13

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April 23, 2008

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Valencia students present self-directed one act plays to peers and faculty.

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#### Florida is going places

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## Important Dates

### Book & Food Drive

Monday, Apr. 21 -

Friday, Apr. 25

Bookstore, Bldg. 2

East Campus

### Financial Aid Deadline

Tuesday, May 1

All campuses

### Summer: Term A

Monday, May 5

All campuses

## Studies show two-timing voters switch sides

By Frank Tobin  
Valencia Voice

DNC leader, Howard Dean, wants an end to the democratic primary as soon as June 1; which could very well happen after the Pennsylvania election. And while the democrats gear up for their Keystone state battle, Barack Obama is gearing up for his own battle- against John McCain's age.

The ever active democratic primary process has put a strain on the internal workings of the democratic party, and unless Obama pulls out a stunning

upset in Pennsylvania this month that would probably dispatch Clinton back to the Senate, neither will be able to secure the nomination on the basis of primary votes alone.

That means that unless one drops out voluntarily, or implodes along the way with a strong shove from the other, about 800 party insiders and elected officials known as superdelegates will have to choose. If they don't, the decision could wind up in a floor fight at the party convention in late August just nine weeks before the general election.

A Gallup poll early last week found that 28 per-

cent of Clinton backers and 19 percent of Obama supporters would be so angry if the other side wins that they would not just stay home but actually vote Republican.

"This is common for intense contests for the nomination," said Larry Sabato, director of the Center for Politics at the University of Virginia during an interview with CNN. "You will always have one-fifth to one-quarter of your backers saying, 'If my candidate doesn't win I'm going to vote for the other party's candidate, I'm so angry.' And

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Photo by Erica Teamer / Valencia Voice

Students who performed and placed on April 15, pose for the semester's last Talent Tuesday photo.

## Semester end brings Talent Tuesday finale

By Shaneece Dixon  
Valencia Voice

Hitting the end of the Spring semester off with a bang, SGA West Campus hosted their last Talent Tuesday show for the semester on April 10th on the SSB Patio. Filled with various performances from Valencia students and outside performers, members of the audience could only give positive reviews.

"It's pretty cool. The show gives you a chance to see what talent is around," said EMT student Luisina Matile.

First to perform on the stage was Nicholas Riley, better known as Ronick. Unlike the other performers, Riley is not a Valencia student, and even though he wasn't eligible to win any of the prizes, he gave a grand opening of the show singing "Say Yes" by R&B duo Floetry. Having heard about the show from host Allen Collins, who heard one of Riley's songs on MySpace, Riley is no stranger to the stage. To check out more of his music, you can go to <http://www.myspace.com/ronickworld>.

"I've been performing since I was five," said Riley,

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## NASA looks toward journey to moon

By Martin Merzer  
The Miami Herald

MIAMI — Though still stuck with the orbital delivery truck known as the space shuttle, a reenergized NASA is determined to elevate its sights and aim at the moon, Mars and other more distant — and more theatrical — goals, a top agency official said Thursday.

"The dream is going beyond low-Earth orbit," said Deputy Administrator Shana Dale, in South Florida for Friday's daylong Future Forum at the University of Miami.

"We have not been to the moon in decades and, currently, we don't possess that capability," she said. "So we're embarking on a path to create human spaceflight capability to take us to the moon, Mars and beyond."

She acknowledged that budgets are tight and public support is equivocal. But, she said, the practical and other benefits of the nation's space program make the effort worthwhile.

"NASA represents six-tenths of 1 percent of the federal budget and with that we do all of these amazing things," said Dale, the National Aeronautics and Space Administration's second highest official. "The Hubble Space Telescope, the International Space Station, planetary (exploration) systems, Mars rovers and on and on."

During Friday's event, partially sponsored by NASA as part of its 50th anniversary celebration, Dale will lobby for additional support of the space program — framing it in the terms of the "Space Economy," a new term making its way around the

agency.

"That means all the activities and all the technologies that flow out of what we do from exploring, understanding and utilizing space," Dale said, citing 1,600 documented "NASA-derived" technologies, including advanced breast cancer imaging.

The space economy certainly has been good for Florida, home of the Kennedy Space Center, where nearly 15,000 people work, but that might be changing.

The shuttle will be grounded in 2010, its replacement — called the Constellation — will not be ready until at least 2015, and NASA recently announced that at least 5,000 jobs will disappear at the space center by 2013.

— MCT Campus

## Gold discovered in Michigan hills

By Rick Barrett  
Milwaukee Journal Sentinel

STEPHENSON, Mich. — Deb Skubal looks out her living room window and sees a pristine forest, an occasional eagle or bear, and the Menominee River meandering through the woods on its way to Green Bay.

Geologist Tom Quigley looks at the same scene and sees the same beauty. But he also envisions the riches beneath the ground: gold, silver and zinc, all trapped in rock nearly 2 billion years old.

Their viewpoints appear to be on a collision course that illustrates a conflict between the needs of an increasingly global economy and the environmental disruption that can result from meeting those needs.

Quigley is president of Aquila Resources Inc., a Canadian mining exploration company that's searching for precious metals in Michigan's Upper Peninsula a stone's throw from the Menominee River and the Wisconsin state line. Skubal is among a group of area residents — on both sides of the river — who are opposed to sulfide mining, in which metals are removed from sulfide rock dug from huge open pits.

"There is gold here," Quigley said. "And for this type of deposit, we have an abnormal amount of it."

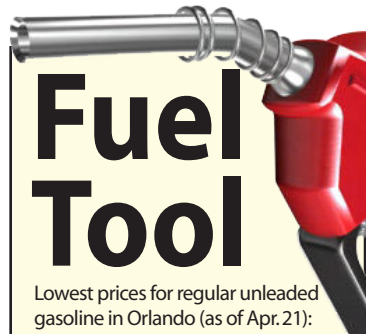
With gold selling for more than \$900 an ounce, there's an incentive to find new sources. Likewise, there are tight supplies of zinc, silver and other metals needed to make everything from cell phones to automobiles.

"There's much stronger competition for all of these metals, particularly in China, India and some of the other faster-growing economies," said Carol Raulston, spokeswoman for the National Mining Association in Washington, D.C.

Aquila has been exploring for underground ore in what's called the Back Forty Project, on the Michigan side of the Menominee River. The Back Forty is rich in metals that have

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Page design by Sarah King



# Fuel Tool

Lowest prices for regular unleaded gasoline in Orlando (as of Apr. 21):

<b>\$3.33<sup>9</sup></b>
<b>Race Trac</b> 3508 South Orange Blossom Trail Orlando, FL 32839
<b>\$3.39<sup>9</sup></b>
<b>7-Eleven</b> 10001 University Boulevard Orlando, FL 32817
<b>\$3.39<sup>9</sup></b>
<b>Gastown</b> Curry Ford & Bumby Orlando, FL 32825

Source: [www.gasbuddy.com](http://www.gasbuddy.com)  
Compiled by Robert Navaille / Valencia Voice



## Opinion

# Would you prefer the Voice online, print?

By Marcel Evans  
Valencia Voice

The art of the sell; originally that was the intent of this article, to sell readers on this staff's continued economic and environmental conservation efforts producing the Voice, however the real issue here is product and demand.

Several student's and staff writers alike argue that the Valencia Voice should be printed and distributed on campus. They contest that the online newspaper has a smaller circulation than the printed predecessor (with this in mind I can safely assume this article will at least be read twice, proof read by myself and then by the copy desk).

Newspapers across the country are downsizing, personal blogs and access to live news feeds renders newspapers medium of yesterdays news today.

With this thought in mind, as well as concern for the environment and the bottom line the Voice has embraced a PDF format instead of a paper.

All of the work has been the same and the students have the same opportunities to learn the main aspects of the newspaper business, but the loss of a physical version of their work, motivation begins to lack. Also, readership has dropped significantly because of poor advertising as well as a resistance against a digital paper.

But how can we engage you, the reader?

The Voice is still printed, let me rephrase, still printable. Anyone interested in reading campus and world news can print a copy of the Voice via a personal printer or Kinkos.

But is there enough interest in this product for readers to care enough to print out a copy? What could we the staff of the Valencia Voice do to create a demand?

How would you prefer your student paper, online, in print, in demand?



"I'd read it online before anything else."  
— **Charles Mercurio**



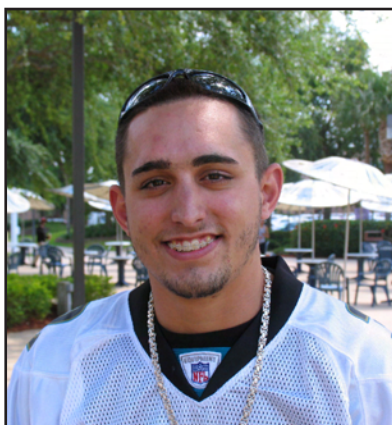
"Both. If I feel like just walking around campus with a paper or reading it at home, both is good."  
— **Fatima Siddiqui**



"Both, the internet is easier if you're already here."  
— **Kayla Massanet**



"I'm just recently enrolled, but both would be good to see."  
— **Tony Diaz**



"Both, if you don't have the convenience of the computer it would be nice to read it on campus."  
— **Rick VanKannon**



"Online, I'm not going to read it otherwise."  
— **Ivette Vega**



"I think it should be on paper."  
— **Jenesa Martinez**



"Both would be good."  
— **Ted Moyer**

Photos by Sarah King / Ilona Horvath

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## Next Issue

Newspaper publication will resume in September 2008.



# Opinion: *High prices*

By Bob Stallman  
McClatchy Tribune-News

WASHINGTON — The popular misconception that increased usage of corn for ethanol production is the only factor driving higher food prices is just that — a misconception.

Ethanol production has, and will continue, to add to corn demand, but other factors also are playing major roles in higher food prices.

Global demand for U.S. agricultural products has increased significantly over the last several years. China and India are but two examples where growing affluence is leading to changes in diet and overall food demand. Helping add to export demand is the devaluation of the dollar. This makes corn, soybeans, wheat and other commodities produced in the U.S. particularly attractive to overseas buyers.

Even though corn prices for the current marketing year are up \$1 per bushel from last, corn exports are projected to increase 200-million bushels. Rising exports in the face of rising prices is an indicator of very strong demand. This is not limited to corn. It can be seen in dairy and other commodities. Domestic demand, beyond ethanol, is also strong, with corn used for livestock feed running at the same pace as last year.

Above the farmer in the food chain are processors, distribution systems and grocery stores. We are all familiar with how energy prices are affecting the retail costs of goods. Food products are no different. And because of the refrigerated nature of much of the food system, those delivery costs can be even higher. Labor costs are also a factor, as is the fact that, as consumers, we are constantly demanding more convenience in our food products. Finally, food suppliers are raising food prices

simply because they can. And yes, there is ethanol. Agriculture has been asked to help provide some of the nation's energy supply, but to supply it in a way that conforms to existing infrastructure. From the pumps to the engines, from the tanks in the ground to the carburetors in old vehicles, the energy supply agriculture has been asked to provide comes with a lot of constraints. Ethanol helps provide that answer. It will not replace gasoline, nor will it, by itself, make the U.S. energy independent. It will take a great deal of effort and research to make large-scale cellulosic ethanol production feasible in a way that allows us to substantially reduce our oil import needs.

But corn-based ethanol already is providing half a million gallons of motor fuel a day and will approach a million barrels a day when the renewable fuels standard for corn-based ethanol is fully implemented. Francisco Blanch of Merrill Lynch has been reported in The Wall Street Journal as saying biofuels are lowering the price of oil and gasoline by 15 percent.

Contrary to some press reports, numerous studies clearly demonstrate that corn-derived ethanol has a positive energy balance — that we get more energy out of the product than we put into the entire process, going all the way back to the energy used to build the tractors and combines.

So, while U.S. agriculture is going through an adjustment phase, as would any sector of the economy trying to handle the number of hurdles that have been tossed our way, I encourage you to look at all of the contributors playing a role in rising food costs.

Making ethanol the scapegoat oversimplifies the issue and it derails a product that is good for our economy, our environment and helps to lessen our demand for foreign oil.

# Online profiles: *Used against us*

By Carlos Minet  
Valencia Voice

If there's one fad right now  
That's got everyone hooked  
It's commenting on Myspace  
Or poking friends on Facebook

How many people do you know  
Who haven't joined the club  
When it comes to the internet  
There's two sites we all love

But now companies and universities  
Are using them against us  
Looking up our profiles  
To see if we they can invest their trust

To see if we hireable  
Or if we make an academic addition  
But when it comes to questionably inappropriate material

We all come to fruition  
We all have our secrets  
We all have our skeletons  
We all have our skeletons

Is it fair that they would judge us  
On what we do with our free time  
Any personal secrets we have  
Wouldn't be hard for them to find

So who's wrong in this case  
Is it them for judging our personal lives  
Or is it all of us  
For making our secrets available online

Some business avoid it  
They don't deal with the mess  
They require that you delete your Myspace  
So they can avoid the stress

The decision for now is yours  
Since it looks like nothing else can be done  
Freedom of speech or a good new job  
You apparently can only chose one

Louis Coppola

The Pitt News



MCT Campus

# Guns at work: *Keep them in the car*

By Carlos Minet  
Valencia Voice

I think it's safe to say  
We all know who Charlie Crist  
What you don't know is his new policy  
Among the many on his list

He has recently made it legal  
For you keep your gun in your car  
In case there were weren't enough  
shootings  
Now to escape guns you must go far

Of course one could argue  
It's every American's right  
The right to bare arms  
With logic far from sight

It's a bit sensitive  
Where do you draw the line  
The difference between our rights  
And worrying about our safety

Both yours and mine  
Now there's a greater possibility  
When you flip off a driver you don't know  
That they'll pull out their pistol  
And put one through your window

We spent all these years  
Trying to stop violence in the work place  
Now all you need is a license  
And you might have one in your face

Is this really that good an idea  
To arm random citizens who pass a test  
What about the safety of those people  
And the lives of all the rest

Ultimately we can do nothing  
Since the governor made up his mind  
So just be careful when driving  
Cuz' a gun ain't hard to find

# Opinion: *Carter's foolish journey*

The Chicago Tribune

Former President Jimmy Carter is accustomed to meeting world leaders and beaming his famous smile while getting his photo snapped with them. He may be in for a different kind of visit in Damascus next week. Carter is reported to have scheduled a meeting with Khaled Mashaal, the political leader of Hamas. Hamas says he's coming; the Atlanta-based Carter Center didn't confirm that, the Associated Press reported Thursday. Mashaal isn't fond of photo ops, or even appearing in public, ever since he survived an Israeli assassination attempt several years back. (And there was the time in 2006 when Israeli warplanes buzzed the presidential palace in Syria as a protest for allowing Mashaal a safe haven.) We presume the former president knows all about Mashaal. Just in case, however, we'd like to remind him of the Hamas leader's resume, the better to be prepared for the possible tete-a-tete. Mashaal is a terrorist leader. He's accused by Israeli officials of ordering the 2006 abduction of an Israeli soldier, triggering Israel's incursion into Gaza. At the time, U.S. Ambassador to the United Nations John Bolton urged Syria to arrest him and shut down Hamas headquarters in Damascus. Over the years, Mashaal has claimed

responsibility for many of Hamas' suicide bomb attacks in Israel. He leads an organization that praised as "heroic" Palestinian terrorists who crossed into Israel and killed two civilians at a fuel depot on Wednesday. Hamas allows — or instigates — the continuing barrage of rockets into Israel, taking every opportunity to disrupt peace negotiations. Mashaal could play an important role in the current peace talks if Hamas would renounce violence, embrace previous agreements with Israel and recognize the Jewish state. It's a very low bar to clear with a profound return — a Palestinian state. But it's still too high for Hamas, a group that is sworn to destroy Israel. Carter hasn't said publicly why he may be going. Maybe the 2002 Nobel Peace Prize laureate is convinced he can turn Mashaal into a peacenik. He better talk fast: Hamas is undertaking the most significant military buildup in its history, according to recent reports. Or maybe Carter can't resist a public and obvious rebuke to the Bush administration's policy of isolating and weakening Hamas. Mashaal and his cronies are overseeing the descent of Gaza into further violence, misery and hopelessness, all because they can't envision a Middle East where Palestinians and Israelis can live side by side in peace.

Don Wright

The Palm Beach Post



MCT Campus



# Students present self-directed plays

By Jordan Keyes  
Valencia Voice

Valencia's Black Box Theater played host to the culmination of a semester's work for 12 students as the one-act plays that they directed were performed on April 9 and 16.

Directing 1 students on the East Campus were put to the test when they were assigned to put together a short performance from scratch.

The budding directors had to select a play, get it approved by their teacher, analyze it, hold auditions for the cast, and then get down to the directing. After a month, or more, of work, the final product, and their grade, was on the line.

First up was Amber Girard's play "Cindy and Julie" by Bruce Kane. The play sees a disillusioned Cinderella and a lonely Juliet after getting divorces from their fairy-tale spouses. Despite a slight stumble near the end of the piece, the witty comedy garnered applause from the crowd.

"I actually liked mine," said Girard.

"I wanted to find some-

thing that was comedic and a spoof of theater."

She explained further "It's my last year of theater and I thought 'Why not spoof it?'"

"Anything for You", directed by Erin Clancy, was intriguing and heartfelt.

The more serious "Dos Corazones", directed by Shelly Gonzales, gave the audience an intense look into the lives of two new mothers in their hospital room.

Robert Wright, who was also featured as an actor in the play "Time Flies", directed the smart, zippy "Creative Development." His skill was apparent as the actors timing was perfect and the lightning-fast banter drew laughs from the audience.

Scott Hoffman chose to direct the one-woman show, "In the Livery of the Immortals." His choice of Elise Gogowski as the only character in the show was a wise one as she was strong enough to carry the show alone.

"I chose that piece because it was interesting and hard to do," said Hoffman. "We had to make some last minute improvements, but it went well."



Photo by Bob Campbell, The Fresno Bee / MCT Campus  
Several student directors faced the challenge of putting together a one-act play from the ground up; start to finish.

It seems the best was saved for last as "Time Flies", directed by Trey Bacon, brought down the house with its humorous portrayal of the last hours of 2 amorous mayflies. The timing and energy was perfect, especially with male lead Freddy Ruiz. Director Robert Wright switched from backstage to on-stage to play the overzealous host of a nature show. Raucous laughter

and applause closed the show.

The one-acts showcased Valencia theater's best and brightest and gave the director's valuable experience for their future careers. And if you like the theater or just free entertainment, make sure to check out this event next year. Admission is free, and, who knows, you just might get to see the next great director in action.

## Valencia hosts SGA elections

By Justin Holt  
Valencia Voice

Valencia campuses held elections to decide the active members of next year's Student Government Association on Apr. 8 and Apr. 9. Each campus has its own elections in which students who are participating in classes on the regional campus can vote in who they want representing them. The only documentation required to vote was a Valencia ID.

Student government representatives have an active role in settling many key issues on the local campuses. This year student government helped unify the student body and celebrate another year at Valencia by organizing and making events such as Valencia's Matador Day possible. Local SGA offices also helped create and enact new policies regarding smoking and parking. In particular, the east campus president, Corey Hamilton, was helpful in increasing a spirit of common bond between the students by coordinating many activities which provided food and entertainment for the students. Corey Hamilton is even more optimistic about future possibilities at Valencia East and did a wonderful job laying the groundwork necessary to make it possible. Next year SGA will face similar tasks and expectations. With so much at stake it was the responsibility of the students at Valencia to make their voices heard, and they did.

One of the common issues on the minds of Valencia students on east campus was transportation. Many interest specific classes and programs (like photography and journalism) are offered only on one of the regional campuses creating transportation nightmares and wasting lots of time and money that can be used in more efficient ways. Corey Hamilton (president east campus) was exploring possible solutions, including Lynx shuttle programs, but unfortunately his term will soon expire. The president and staff on SGA next year will be presented with this difficult task and together with the student body can hopefully come up with a solution.

This year's elections saw amazing turnout and turned into quite a gathering. Giveaways including food, drinks, shirts, and rubber bracelets created some buzz around the east campus. Many students stood in line to be apart of the action and make their voices be heard. The increased energy and curiosity surrounding the elections was obvious. East campus Valencia election tables were also conducting voter registration drives for the 2008 presidential elections. This year's elections provided the opportunity to become involved with Valencia and many students responded.

The students were allowed to see profiles the candidates created of themselves on where they stand and how they can help their fellow student before they voted. Kesheena Lattimore had one of the more ambitious agendas stating she wants "every student to get their voice heard". Part of the increased influence from the students could be through their participation and expression of ideas in clubs. Kesheena would also help inform the students of all the potential clubs they could join through a "club information event that allows each club to provide information about their organization." Through clubs she believes we can not only be more "well rounded" students but also help with the community. These experiences could in turn help us respond calmly when pressed with adversity.

After the election table was closed on the second day all the votes were counted and Allistar Smith was appointed President, Kesheena Lattimore won the Vice Presidential race, and Stephanie Vazquez was Secretary.

Page design by Jordan Keyes

# PTK raises funds for Relay



Photo by Loudonrelay.org

Phi Theta Kappa has a history of involvement with the American Cancer Society and Relay for Life, nationwide.

By Shanece Dixon  
Valencia Voice

You have probably seen certain students on-campus selling food, housewares, and asking for donations, but do you know why? The answer is: Relay for Life

Contrary to its name, Relay For Life is not just a race nor is it just an athletic event. Relay For Life is a 24-hour event that celebrates survivors of cancer and remembers those who died because of the disease in a memorial ceremony. It is a fun-filled event that is dedicated towards fighting cancer and bringing

awareness to its negatives. West Campus' Phi Theta Kappa has been fund raising to support a team of members who will be attending the event as well as raising money for the American Cancer Society.

Members of Phi Theta Kappa fundraised once again on April 9th from 2-6 p.m. and on April 10th from 10 a.m. to 3 p.m. outside of Building 6. They have been selling everything from small candles to goodie bags, as well as asking for random donations for the American Cancer Society.

PTK participants have been doing this twice a month since the beginning of the Spring semester.

"Our goal is to reach \$1000. We haven't met it yet, but we hope to support our Relay for Life team," said Anh Doan, who is a student representative of the Inter-Council within PTK.

West Campus' Phi Theta Kappa organization is also working with the East and Osceola campuses to contribute to the American Cancer Society. This year, Relay for Life will take place on April 18th and Valencia's team will participate in the event for Southwest Orlando at Dr. Phillips High School. The organization of Phi Theta Kappa has worked with the American Cancer

Society for this event since 2000 and over the years has raised millions of dollars towards fighting cancer.

For anyone interested in participating in this event, you can find out more information participating or what the event is all about on the Relay For Life website: [www.relayforlife.com](http://www.relayforlife.com), where you can fill out information and become an official member of one of the many teams in your area or elsewhere that are created for the purpose of raising money for the American Cancer Society.







# Scientists learn Florida is on the move

By Robert S. Boyd  
McClatchy Newspapers

WASHINGTON — As scientists learn how to make more exact measurements, they're finding some astonishing surprises:

The enthusiastic stomping of soccer fans after a goal creates a "footquake" on earthquake gauges 30 or more miles away.

Florida is getting closer to Canada by about 1 inch every 36 years.

Astronomers soon will be able to measure the sideways motion of a star trillions of miles away even though it's moving at a speed of less than 10 inches an hour.

It takes 61 trillionths of an ounce of force to make one atom hop over another.

As these examples show, new technologies are enabling researchers to measure things such as time, distance, temperature, weight, force, size and motion with a precision never before achieved.

Scientists say that these tools can help improve global positioning systems, space navigation, wireless communications, national security sensors, biomedical techniques and basic science in physics, chemistry, astronomy and genetics, among other uses.

For instance, the ability to work with extremely minute intervals of time soon may allow scientists to freeze motion — like an ultrafast strobe light — to observe the behavior of electrons inside an atom, according to Philip Bucksbaum, a physicist at the Stanford Linear Accelerator Center in Stanford, Calif.

"The ability to measure time is reaching nearly ridiculous levels of precision and accuracy," said Michael Baum, a spokesman for the National Institute of Standards and Technology in Gaith-

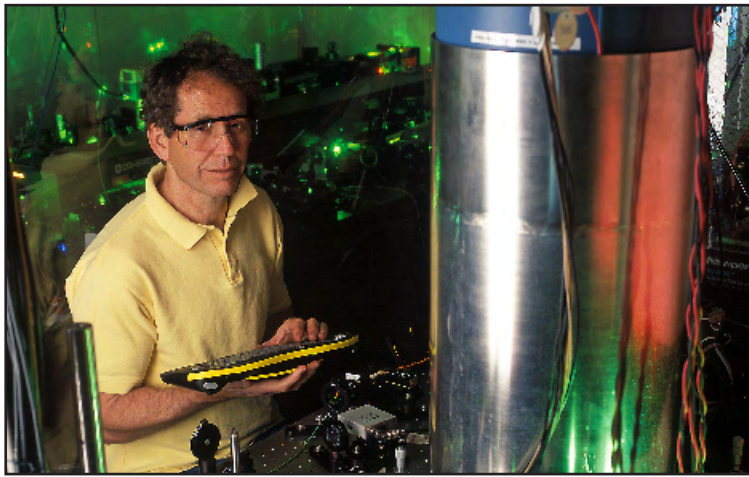


Photo by Geoffrey Wheeler, NIST / MCT Campus

Jim Bergquist, a physicist at the National Institute of Standards and Technology in Boulder, Colorado, holds a keyboard to control the world's most accurate clock. It's based on the "ticks" produced by a single atom of mercury contained at near-absolute zero temperature in the silver cylinder.

ersburg, Md. The institute is the federal government's temple of metrology, the science of measurement.

A less precise notion of time was voiced by the late TV comedian Johnny Carson: "The smallest interval of time known to man is that which occurs in Manhattan between the traffic signal turning green and the taxi driver behind you blowing his horn."

No measurement can be 100 percent accurate. The laws of physics make such precision impossible, but scientists are edging closer.

For example, Michael Roukes, a physicist at the California Institute of Technology in Pasadena, managed to measure the weight of a single molecule with an uncertainty of less than a billionth of a trillionth of an ounce (0.000,000,000,000,000,001 ounce). Mighty close, but still not perfect.

Garrett Euler, a seismologist at Washington University in St. Louis, detected tiny vibrations he called "footquakes." He'd installed a string of 32

seismometers across 900 miles in Cameroon, Africa, to observe volcanic activity there.

One day, Euler noticed an unusual pattern of squiggles on his seismometer. His girlfriend, Katy Lofton, figured out that the tremors came whenever a goal was scored during an African Cup soccer match between Cameroon and Ivory Coast.

"Each goal triggered a countrywide footquake as fans watching TV jumped and stomped for joy," Euler told the American Geophysical Union last winter. "The more crucial the goal, the stronger the footquake."

Some examples of recent record levels of precision follow:

#### TIME:

Scientists have measured time to within a millionth of a billionth of a second by counting the "ticks" that a single atom of mercury emits.

A clock built by researchers at the National Institute of Standards and Technology is so accurate that it

wouldn't gain or lose one second if it ran for a billion years, according to Till Rosenband, an institute physicist in Boulder, Colo.

"It's the world's most accurate clock," he said.

Ferenc Krausz, the director of the Max Planck Institute for Quantum Optics in Garching, Germany, discovered a technique that was able to distinguish events only a billionth of a billionth of a second apart.

"Such tools would constitute a space-time microscope that would make the motion of electrons visible in slow motion," Krausz reported in *Nature*. The technology also could improve global positioning systems and wireless communications networks, as well as help in disease and biological research.

#### DISTANCE:

Eric Calais, a geophysicist at Purdue University in West Lafayette, Ind., used satellite technology to determine minute changes in the locations of 300 GPS stations in eastern North America over 10 years.

He found that the distance between Florida and Hudson Bay, Canada, is shrinking by nearly three-hundredths of an inch a year. At that rate, it would take 36 years for the continent to shrink 1 inch.

The shrinking occurs as the North American continental plate continues to recover from the crushing weight of ice during the last Ice Age, which ended about 11,000 years ago.

"This slow recovery is causing a very small horizontal shift," Calais said. "With that kind of precision, we are able to see the horizontal plate deformation due to the melting of the ice sheets."

Astronomers from the Harvard-Smithsonian Center for Astrophysics in Cambridge, Mass., plan to test a laser device this summer that can measure a

star's motion across the sky by as little as 10 inches per hour. Such a tiny wobble may be evidence that an otherwise undetectable Earth-size planet is orbiting the star.

With this technology, "astronomers will finally be able to find the first truly Earth-like worlds in terms of size and orbit," astronomer Chih-Hao Li reported in *Nature*.

#### TEMPERATURE:

Nobel Prize winner Wolfgang Ketterle has cooled atoms to a record 800 trillionths of a degree Fahrenheit above absolute zero at his lab at the Massachusetts Institute of Technology in Cambridge.

It's impossible to reach absolute zero — minus 459.67 degrees Fahrenheit — because there's always a tiny bit of heat-producing energy that can't be eliminated from a substance, physicists say.

#### LENGTH:

British scientists Tom Parker and Mahmoud Farhadiroushan have measured the wavelength of light with a resolution of 470 millionths of a billionth of an inch. The wavelength of light is what determines its color.

That accuracy is the equivalent of measuring the distance from New York to Los Angeles with an error of only 4 hundredths of an inch, they said.

#### FORCE:

Markus Ternes, a physicist at the IBM Research Division in San Jose, Calif., used a combination of two powerful microscopes to measure the force needed to pull a single cobalt atom across a layer of copper atoms.

It worked out to about 61 trillionths of an ounce of pressure to make the cobalt atom hop over the next copper atom, Ternes reported in *Science* magazine. The technology could be used to build complex structures one atom at a time.

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# Diets aren't always organic



Photo by, G.J. McCarthy, Dallas Morning News / MCT Campus

A bean and vegetable salad is served during a raw vegan potluck dinner in Dallas, Texas, March 8. Proponents of the raw food lifestyle believe the diet helps many health issues and leads to increased energy and clarity of thought.

## A RAW-FOOD DIET

The following should be unprocessed and preferably organic:

- Fresh fruits and vegetables
- Nuts
- Seeds
- Beans
- Grains
- Legumes
- Dried fruit
- Seaweed
- Unprocessed organic or natural foods
- Freshly juiced fruits and vegetables
- Purified water
- Young coconut milk

SOURCE: About.com: Alternative medicine

## Raw food cause deficiencies

Kim Pierce  
The Dallas Morning News

DALLAS—A raw-food diet—basically raw fruits, vegetables and whole grains—has plenty of advocates, but whether it's the right choice for a cancer patient is open to question.

In a matter of seconds, you can find numerous testimonials online about its health benefits. However, finding peer-reviewed scientific studies, much less specific research on raw foods and cancer, is harder.

"There are only a couple dozen studies worldwide on relationships between raw-foods diets and anything else," says Suzanne Havala Hobbs, a registered dietitian with a special interest in vegetarian nutrition who has tracked the raw-foods movement. She knows of no studies on raw foods and cancer.

"I am fascinated by some of the claims made by raw foodists," she says. "But I'm cautious about them, as well. I am sympathetic and skeptical at the same time."

When she conducted what she calls a small, low-tech study in 2005 on raw-food attitudes, practices and beliefs, the top reason for adopting a raw-food diet was health, especially protection from disease and faster healing.

That's what drove Dallasite Courtney Smith, 26, to go raw seven years ago.

"I was experiencing a whole range of health problems at the time," she says, including asthma, allergies, chronic fatigue and digestive problems. "All of those challenges have gone away. I have way more energy than I've ever had, and I haven't been sick in many years. ... I sleep a lot deeper, and my brain works better."

**IN THE BUSINESS**

Today, she runs Loving Foods ([www.loving-foods.com](http://www.loving-foods.com)), a raw superfoods business, with her husband, Brian. Raw superfoods are blends of unprocessed ingredients that concentrate nutrients. Examples include Chocolate Silk, whose main ingredients are cacao powder, hemp seeds and whole coconut flour, and Fiesta Mole, whose primary ingredients are tomato powder, cacao powder and hemp seeds.

A raw-food diet is a diet made up of raw fruits, vegetables, legumes, nuts, seeds and grains—organic, if possible—that excludes meat, dairy and fish. In addition, foods are heated to no more than 116F. Raw foodists say that food enzymes, sometimes more broadly characterized as the "life force" or energy in food, are

destroyed when subjected to higher heat. They believe these enzymes improve digestion and fight disease. They also say that cooking produces harmful substances.

Nutrition experts reject the enzyme theory. As registered dietitian Karen Schroeder notes in an online article from EBSCO Publishing, humans use their body's enzymes, not enzymes from plants, to break down foods. Digestion also destroys plant enzymes.

She goes on to say that acrylamide and heterocyclic amines (HCAs) are possible carcinogens formed in high-heat cooking, but "neither the American Cancer Society nor the National Cancer Institute goes so far as to recommend a raw food diet to reduce the risk of cancer from these chemicals." NCI does note on its Web site that HCAs are not monitored and that there are no guidelines about limits.

"I think there's good evidence to say, 'Yes, some raw foods, like salads, are a good thing,'" says Lawrence Kushi, associate director for etiology and prevention research at Kaiser Permanente in Northern California. "A lot of other foods benefit from being cooked."

Kushi is more open-minded about alternative food approaches than some scientists. His father, Michio Kushi, helped introduce macrobiotics to North America. Macrobiotics is a philosophy of diet and wellness that relies primarily on whole grains and vegetables.


Smith stresses that there are many strategies for eating raw. "I basically eat a lot of the superfoods on our Web site and a variety of fresh food," she says, "mostly blended foods that are high-nutrient, high-mineral and low in sugar. I eat a wide range of things, and it's very intuitive."

With cancer, diet isn't one-size-fits-all, either, Hobbs says. "There are different types of cancer, and situations differ," she says. The type of cancer treatment "can have an impact on diet and dietary needs."

She recommends that cancer patients considering a raw-foods regimen consult a dietitian knowledgeable about cancer and vegetarian diets. "That's a tall order," she says, because such specialists are rare.

"The idea that everybody could increase the portion of raw foods and vegetables in their diets and benefit from it is probably an accurate statement," Hobbs adds. "It doesn't necessarily translate into a raw-foods diet."

— MCT Campus




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# ‘Sarah Marshall’ promises all around good time

By Kevin Norris  
Valencia Voice

Producer Judd Apatow has once again struck comedic gold with his latest film, “Forgetting Sarah Marshall,” starring Jason Segel (who also wrote the script).

Segel plays the average but successful Peter Bretter, a musician who pays the bills by composing “dark, ominous music” for the hit television show Crime Scene: Scene of the Crime.

While working on Crime Scene, Bretter meets his girlfriend of five and a half years, the luminous and popular Sarah Marshall (Kristen Bell). Bretter spends all of his time lounging around his messy apartment in sweat pants, eating the bulkiest cereal bowl imaginable, and watching Access Hollywood.



Sarah Marshall (Kristen Bell) watches as her beau Aldous Snow (Russell Brand) primps himself perfect for a relaxing day at the resort in Hawaii.

On the other hand, his girlfriend is the sociable headline catcher of Access Hollywood. During just another average afternoon, Marshall comes home and reveals to the dripping wet, just out of the shower, penis-revealing Bretter that she is leaving him for singer Aldous Snow (Russell Brand).

With his flaccid penis hanging, Bretter loses his cool as he is torn apart, lost without the comfort of his girlfriend. Trying to free himself from his depression he sets out to Hawaii where he ironically runs into Marshall and her new boyfriend staying at the same resort.

Now even more miserable with his life, Bretter finds a peaceful energy stirring up when a new relationship with the eye-catching hotel employee Rachel (Mila Kunis) begins. Bretter and Rachel’s continuous flirting leaves Marshall in a jealous rage, and eventually has her contemplating her own slapdash relationship.

“Forgetting Sarah Marshall” is a barnstorming success, engulfed with eccentric performances, irresistible laughs, and a universal tale of brokenhearted loathing that is sure to rank among the year’s best comedies.



Matthew the waiter (Jonah Hill), Peter Bretter (Jason Segel) and new love interest and hotel employee, Rachel (Mila Kunis), find themselves in an uncomfortable situation when confronted with Peter’s ex, Sarah Marshall (Kristen Bell) and her rockstar boyfriend, Aldous Snow (Russell Brand).

# Hardcore band shares dreams with Valencia

By Kevin Norris  
Valencia Voice

Thrice, California-based quartet, have been plenty busy working on what may be seen as their most prolific album yet, “The Alchemy Index,” a four-volume collection of EP’s containing six songs each. Each volume inherits one of the classical elements of nature, “fire, water, air, and earth.” The four EP’s are all thematically adapted to the ambiance of its related element. The last volume, “Air and Earth” was released on April 15th while the first volume was released back in October.

“Air” starts with the brilliant “Broken Lungs,” which is undoubtedly the most powerful and beautifully executed song that Thrice has ever written. With lyrics “Because we all watched the buildings fall” surging throughout the entire song, it is clear that it is centered on the attacks of September 11th and the complacent and misguided actions we have taken since then.

“A Song For Milly Michaelson” is by far the most chilling and personal track Thrice has ever created. For five minutes straight, lead singer and guitar player Dustin Kensure’s delicate voice and distressing guitar melodies keep building and building, but there is no payoff, just the song obediently dying to the same monotonous guitar riff.

The first EP ends with the stunning “Silver Wings”, a track engulfed by a foundation of deep bass and a drum loops that take you soaring high above the clouds before you are taken back down to earth with the next EP.

On the opposite end of the spectrum, the “Earth” EP offers some of the most tender and haunting melodies to ever be experienced. The entire EP is smothered with raw acoustic guitars and embracing pianos. If you listen carefully you can hear the tapping of feet along with squeaking chairs and doors, and other mystifying sounds from mother earth.

“Digging My Own Grave” is a track about the way our society is both physically and spiritually killing ourselves with obsessions that we know harm us. The song is remarkably appealing both lyrically and musically as it the most dismal song on the entire project.

The landmark of the EP is exposed in the soothing “Come All You Weary,” the only track to contain a non-acoustic instrument on the “Earth” EP. The simple yet serene electric guitar melodies genuinely flows over the continuous lyrics “come all you weary...” in order to bring ease to all the burdens of life. “Come All You Weary” is a timeless track that will even please the most archaic of Thrice fans.

The final track, “Child of Dust” contains group vocals and a hollow and lonely piano that is so chilling it belongs in an Alfred Hitchcock movie. The entire song plays out like eulogy to a dying cause, near the end of the song the bottom drops out and you become claustrophobic as you hear the shovels dropping dirt upon your coffin. The finale is so effective and eerie that it makes you want to check your heartbeat and make sure you are still alive and not buried six feet beneath the earth.

Before the final volume of “The Alchemy Index” was released I was able to interview bassist and background singer Eddie Breckenridge.

Voice: First off, I have listened to “fire and water” over and over again since it came out and I think it is one of your best albums to date, how do you think when “The Alchemy Index” is complete it will rank among your previous albums?

Eddie: I’m really proud of the project. It’s definitely very dif-

ferent from anything we’ve done in the past, and since it’s not a regular record, and more of an experiment with sounds, it is hard for me to compare. I do believe that it is another step forward for us, which is always something I’d like to keep doing. I love it for what it is, and that it pushed us to expand our music beyond what would normally be considered a “Thrice record”. It makes me excited for things to come... I think the broadening of our scope will make for much more interesting records in the future.

Voice: Are there any songs on the EP’s that you are particularly proud of? Of all the 4 EP’s which one is your favorite?

Eddie: For some reason I really, really like the song “A Song For Milly Michaelson.” It is a very simple song. There isn’t any huge dynamic shifts or anything like that but the mood, and the sounds just seemed perfect for me. When I made the guitar part, I was just sitting in my room with a delay pedal (to loop guitar parts) and a crappy little Squire 15 amp. My first guitar amp ever! We ended up tracking the guitar with the exact same amp, same vibe. It just turned out exactly how I had imagined... which is rare. I usually can pick apart any song and tell you what I don’t like or what should be better, because I’m a picky bastard.

Voice: What have been the bands major progressions both live and on the records dating back to the release of your first EP and album “First Impressions” and “Identity Crisis”?

Eddie: Touring, traveling, growing up, and playing with and meeting some amazing bands. All those things have helped us progress and grow. I mean... that was almost ten years ago now. There aren’t many people I know that are still into the same music they were into back then. And hopefully that is due to learning/expanding their minds and tastes. The size and variety of my music library at the time of First Impressions compared to now is unreal. I’m very happy that we’ve all grown up and learned to love and appreciate so much in music.

Voice: I know that you guys are fans of instrumental bands like God is an Astronaut, Isis, and Russian Circles. Have any bands influenced you while writing “The Alchemy Index”?

Eddie: Yes, I have heard those bands. Many bands of all genres have influenced these records. I think at the time of the recordings I was listening to a ton of The Mercury Program, Joanna Newsom, and Sujan Stevens. But, that’s just what I probably played most. The list is endless otherwise. Heck, I think me listening to Moby Dick (book on tape) probably influenced me (laughs).

Voice: What have been your non-musical influences while writing and recording the new EP’s?

Eddie: A lot of my writing is based upon the mood I’m in. I really can just sit down grab a guitar and force myself to write. Listening to music or going to shows often inspires me to go home and bang on a guitar for a bit, but a lot of the time it just is the right moment/right mood, kind of thing. A good rainstorm is great for writing.

Voice: I was fortunate enough to see you guys a couple years back with the hardcore act Darkest Hour at a small local venue (The Social) and you guys played a few of your older songs, including “Phoenix Ignition.” Is there anything planned for this upcoming tour with Circa Survive and Pelican that might have been

different from the tour with Brand New?

Eddie: Not a chance (laughs). I mean... we always play a few older songs for people but, there is only so far we can go with playing music for the wrong reasons. A lot of the older songs that people want us to play are 8 years old, some even older. I think we’ve grown a lot since then and it’s really hard for us to enjoy playing songs we feel so disconnected from. I think we all have grown past the “cheesy metal riff / pop punk chorus” thing that some people really liked about us. The whole point is that we have to be honest whether it bums some people out or not. The set for this tour is more a collection of songs we really enjoy playing and feel fit who we are. We are also making an effort to play some songs we hadn’t played before or weren’t a part of our more common sets.

Voice: There was a major shift in what may have been seen as your style from when you released The Artist in the Ambulance to Vheissu, what prompted that? Do you believe it was there all along dating back to The Illusion of Safety, or did it just come with the growth of the band?

Eddie: I think the main shift came from us all being upset with how Artist ended up. We didn’t feel like it represented who we were at the time. I know we wrote the songs but, there was a time crunch in the writing of that record and also I feel like we were kind of rehashing old ideas. I think we were focused on writing a “Thrice Sounding” record, rather than just writing what naturally came out of us. It’s sad because I think there were a lot of cool ideas written for Artist but we blew it because we didn’t take the songs where they should have gone. Vheissu was a record that represented a new freedom for the band. I love that record, and I also love that I didn’t care whether people liked it or not. I think if we hadn’t made that progression, the band wouldn’t be together still.

Voice: I read somewhere that you guys don’t like being classified as anything other than “music.” In an industry that loves to create new genres and subgenres every day, how do you think your latest endeavor will be labeled?

Eddie: Well, I’ve already heard prog, which is silly because it is not prog at all. The concept album idea may be similar to something a prog band would do, but the songs themselves seem far from prog rock to me. It’s just a concept record.

Voice: If there is one concept to be taken away from The Alchemy Index other than four elements what would it be and why?

Eddie: The main concept of The Alchemy Index was to push ourselves to make song/soundscapes to fit specific moods or imagery. In the past we had always described parts we were writing with adjectives like watery or airy... or we would share/ images that we felt best represented what we wanted the feel of the song to focus towards. The Elements concept seemed to work well and would allow us to do four very different records. It was also a way for us to pull influences into our songs that we had maybe been afraid to incorporate in the past. I don’t really think the concept would work without one of the elements. The purpose of the four of them is to have balance and to separate the music that we make into a well-rounded collection. I guess what I’m saying is that I would rather not remove one of the elements.



# El voto Latino obtendrá el control del gobierno

Jessica Hidalgo  
Valencia Voice

Imaginas no poder tener control en el gobierno? No poder ayudar en una reforma migratoria y luchar por lo justo?

Es triste admitirlo pero muchas de las cosas que ocurren hoy en día en este país son resultados de no votar.

Mucha gente no sabe lo serio que es no usar los privilegios que nos otorga este país. Es una lastima ver la ignorancia en la gente y no darcen cuenta que el poder del cambio esta en sus manos.

La poca educacion y interes en el gobierno puede ser usada como una arma en contra. Miren el caso que nos esta afectando a los hispanos, la persecucion de immigrants en este país.

Muchos niños estan sufriendo por la separacion de sus padres y familiares. Immigrantes que vinieron a este país en busca del “Sueno Americano,” a trabajar duro para sacar adelante a sus familias en sus países natales estan siendo acusados de criminales.

Porque? No hay votos suficientes para una reforma migratoria. Si vemos el pasado de este país fueron los immigrants quien lo fundaron y lo ayudaron a crecer para ser lo que es hoy.

Muchas de las cosas magnificas y historicas que han pasado en este país han sido porque la gente a luchado por sus

derechos. Gracias al movimiento civil tenemos igualdad de raza en este país.

Tenemos polizas que van mas aya del color y la raza. Tenemos leyes que protejen nuestros derechos humanos.

El movimiento de las mujeres en este país logro nuestra igualdad ante los hombres y conseguimos el voto.

Le dio esperanza a muchas mujeres inteligentes y las ayudo a prosperar en este país. Porque dejar lo logrado ir al piso?

Muchos jóvenes no se dan cuenta que en sus manos tienen la llave del cambio y su futuro en este país.

Porque? Solo porque tienen que llenar papeles y hacer una fila por un par de minutos? No hay excusas porque cuando una persona quiere lograr algo en la vida lo hacen como sea.

Este país les ofrece una voz a sus habitantes, algo que muchos países no tienen y van a Guerra por ello. Los estadounidenses no ven la suerte que tienen para poder lograr sus metas.

No dejemos que la voz del voto sea silenciada por aquellos que no quieren cambio.

La vida es de tomar riesgos y tener agayas para luchar por lo que nos dan. Un voto hace la diferencia en la vida de un niño desamparado.

Un voto hace la diferencia en la vida de los ansianos que necesitan seguros de salud. Solo un voto hace la diferencia para los estudiantes que pagan demasiado para obtener una educacion. Toma el juego del voto en tus manos.

# Fusion 7 de Orlando te ofrece el mejor Ceviche

Edmarlin Rivera  
Valencia Voice

La noche de los viernes se pone cada vez mejor con la comida y entretenimiento que ofrece el restaurante Fusion 7 Lounge and Ceviche Bar.

El restaurante localizado en 13526 Village Park Dr. ofrece una combinación de comida, Mediterránea con sabor latino y Griego, totalmente exquisita que deleita el paladar de toda aquella persona que le guste disfrutar de una buena cena al único estilo de Fussion.

Platos como el NY Strip Steak, Grilled Salmon, y Chiken Crystain son algunas de la delicias que podrás encontrar en el restaurante.

Tampoco nos podemos olvidar de su famoso Ceviche Bar que brinda una variedad de Ceviches.

Entre estos estan el Tropical Ceviche, Asian Ceviche, Shrimp Ceviche entre otros que solo podrás conseguir en Fusion 7 ya que

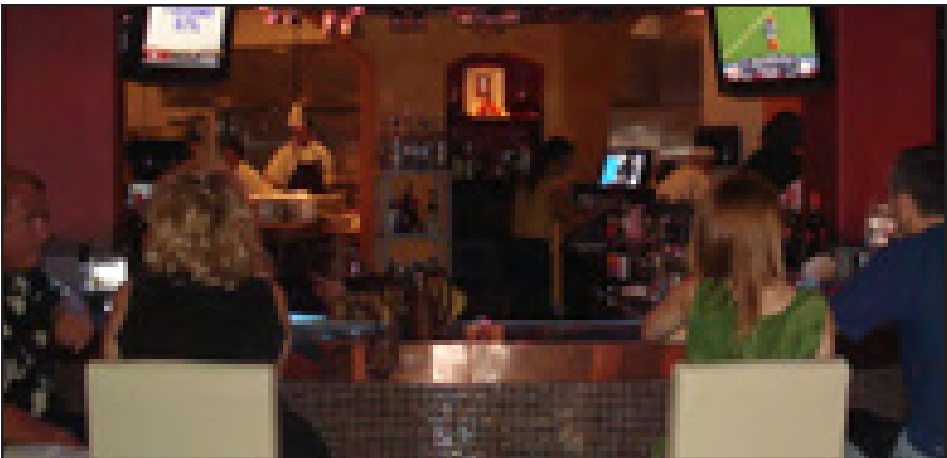
es el primer restaurante en Orlando que ofrece un “Bar” único y exclusivo de Ceviche.

Este restaurante además de ofrecer una variedad de comida exquisita, también nos complementa con un ambiente relajado y romántico con una decoración de velas y cortinas blancas en el interior del restaurante que inspira el verdadero concepto de romanticismo, hospitalidad y buen servicio al cliente que Fusion brinda a su clientela.

Después de una buena cena que mejor manera de empezar el fin de semana que con una buena rumba en el mismo lugar donde cenaste.

Con “Escape Friday” podrás disfrutar de los mejores DJ’s de Puerto Rico y Orlando tacando la mejor mezcla de Rock en Español, Reggaeton, Techno, y música tropical.

Disfruta de una gran noche con la animación de Gaby Calderón de Rumba 100.3 FM y explora un ambiente diferente y fino que no podrás conseguir en ningún otro lugar.



El publico disfruta de el Ceciche Bar que brinda Fusion 7.

Fotografía por Edmarlin Rivera

# El voto hispano es esencial para candidatos finalistas

## La desicion ultima la tenemos

Jessica Gonzalez  
Valencia Voice

Sin duda alguna, la comunidad hispana es uno de los grupos de minoria mas grande en los Estados Unidos.

¿Y que tiene que ver eso con las elecciones a la presidencia 2008? Sin duda alguna el voto hispano es esencial para lograr que los candidatos a presidencia puedan obtener la victoria.

En el 2004 un 44% de los votos hispanos fueron para George W. Busch que como sabemos era el candidato republicano para las elecciones hace cuatro años.

Para las elecciones de este noviembre se espera mas participacion hispana que en las ultimas elecciones.

Un articulo publicado en Terra Magazine lee “Según una encuesta del Pew Hispanic Center, el 57% de los hispanos registrados para votar en las próximas elecciones presidenciales tiene intención de voto demócrata, mientras que apenas

el 23% se anuncia como republicano.”

Los candidatos demócratas por la cual esperamos ansiosamente el saber quien sera el que finalmente lograra obtener un paso mas cerca a la Casa Blanca, incluyen a Hillary Clinton y a Barack Obama.

El candidato republicano que ira en contra de uno de los demócratas es John McCain. Es una gran diferencia entre el porcentaje de el voto demócrata contra el porcentaje de el voto republicano.

El voto hispano en los Estado Unidos se ha convertido esencial para las elecciones. De acuerdo con un articulo en la revista Siempre Mujer;

“De los 45 millones que vivimos en este país, solo 16 millones cumplimos con los requisitos para votar.”

Nuestra opinion y nuestra voz si cuentan en los Estados Unidos. Si quieres formar parte de la comunidad hispana, unete.

Si no te has registrado para votar hazlo ya. Tu voto es la diferencia para esta nacion.



Fotografía por Peggy Bair/ Cortesia MCTcampus.com

Ciudadanos Americanos practican su derecho a votar.

# Club nocturno Cañabrava te estremecerá enteramente

Jessica Hidalgo  
Valencia Voice

Aparte de su belleza natural, la Florida Central simplemente no tiene sus lindas playas o sus famosos parques de Disney y Estudios Universal.

Sino que tiene una vida nocturna excepcional y divertida. Este es el caso de Canabrava night club. Localizado en Orange Blossom Trail, Canabrava entretiene a muchas razas. Pantallas gigantes proyectan imagenes de fiestas pasadas o videos de artisitas.

El interior tiene una decoracion tropical y los disenos en la pared alumbran con la luces fosforecentes.

El club tiene una variedad de musica como merenge, bachata, salsa, cumbias, vallenato, house, techno, reggaeton y mucha mas que mantienen a los envi-

tados de pie. Bebidas especiales son ofrecidas en los dos bares.

El servicio es bueno porque las meseras son muy efficientes y no hay mucha espera para las ordenes. La seguridad del club es unica porque cuando hay peleas, los guarda espaldas se encargan de desaparecerlas en un instante. Aunque el club es pequeno tiene una pista grande para bailar.

El club tambien tiene noches entre semana especiales para otras nacionalidades como los Russos. Asi que este club no solo es para la comunidad hispana y Colombiana sino que se abastece para muchos países mas.

Durante la temporada de futbol FIFA el club abre sus puertas para ver los partidos de circuito cerrado de tus equipos favoritos. Canabrava is muy divertido y espontaneo.





Photo by Charles Osgood, Chicago Tribune / MCT Campus  
Crate & Barrel executive and CEO Barbara Turf, poses for portrait in the company headquarters in Northbrook, Illinois.

# Furniture retail execs go for 'greenest' title

## Crate & Barrel CEO, Barbara Turf, spearheads environmental efforts

By Sandra Jones  
Chicago Tribune

CHICAGO--Nature is finding its way into Crate & Barrel's corporate headquarters, and that's just fine with Barbara Turf, the woman slated to take over the home goods and furniture retailer as chief executive in May.

On a cloudy winter day, a snowy white light pervades the company's Northbrook, Ill., office building, a white brick-and-glass structure with expansive windows, pine walls and a staircase suspended in an open atrium. Walk through the reception area and you will discover Crate's interpretation of what is happening in American culture today: a bamboo nightstand, cotton organic towels, eco-friendly upholstered chairs.

"The whole environmentally friendly movement is just beginning," said Turf, sitting in a glass-walled conference room that juts out of the building toward a grove of trees. "I'm amazed at the amount of people becoming environmentally friendly and socially conscious. There's just such a huge movement, and it's going to get bigger and bigger."

Expanding Crate's green initiatives is at the top of Turf's to-do list as CEO. She also wants to see Crate expand overseas and open more CB2 and Land of Nod stores.

But her most weighty task, one that she expects to take the next three to five years, is to put in place the next generation.

When Gordon Segal, the founder of Crate & Barrel, hands over the CEO post to Turf, Crate's longtime president, it will mark the first time the 46-year-old home-furnishing chain will operate without the meticulous merchant's daily presence. Segal will remain chairman and take on the role of consultant and adviser.

Segal's decision to slowly remove himself from the business is textbook, but in reality hard to pull off, said Lloyd Shefsky, clinical professor of entrepreneurship and family business at Northwestern University's Kellogg School of Management.

"It's not that remarkable to start and build a business," said Lloyd, who interviewed Segal for a book he wrote on entrepreneurs. "It's the transition from an entrepreneurial business to a managed business that is so difficult, not functionally but psychologically. It's even more difficult with the business that succeeds to get

people to let go."

Segal is stepping back during one of the worst housing downturns in recent memory, a fact that will test Turf's mettle.

The housing market slump has taken its toll on many home goods and furniture retailers, putting companies such as Wickes Furniture and Bombay Co. out of business and dragging down sales at big department stores such as Macy's and J.C. Penney.

But Crate has managed to keep chugging along. Sales rose about 8.5 percent for the fiscal year ended Jan. 31, and sales at stores open at least a year, a common barometer of financial health known as same-store sales, increased 5.5 percent, driven by furniture sales, Segal said in a January interview.

Crate is estimated to have generated about \$1.3 billion in sales in 2007. Crate's parent, German catalog operator Otto Group, is scheduled to release its year-end figures in coming weeks.

Turf, 63, has spent much of her career working with Segal, 69, and has helped to set the retailer's style and strategic direction. After starting in part-time sales in 1968, she became a store manager. She moved to Crate's corporate headquarters in 1972. She took over merchandising in 1975, rising to executive vice president of merchandising and marketing until 1996, when Segal named her president, a title she will retain.

As for going green, Crate has got a head start. It got rid of packing peanuts in 2006 and has been moving to eco-friendly catalog practices for years. Last year, it advertised its sustainable furniture in national magazines and just recently created a section on its Web site to tout its green strategy.

Crate is introducing more sustainable upholstery and chair frames, using soy- and corn-based foam for its cushions, offering barware out of recycled glass and relying on bamboo, one of the world's most replenishable plants, in everything from dining tables to cutting boards.

To be sure, Crate is not alone. The green trend is happening industrywide from Pottery Barn to Wal-Mart. Can Crate's history as a trend-spotter and retailer with an eye for detail allow it do it any better?

"To be a successful retailer, you have to have something unique," said Turf. "Our mission is to have the product stand on its own."

# Trash pickers fight to save the world

By Jack Chang  
McClatchy Newspapers

BUENOS AIRES, Argentina--As the world scrambles to save dwindling resources and halt global warming, a long-scorned population is becoming the latest hope in the environmental battle.

The unsung heroes are the impoverished trash pickers who fill the streets of countless cities around the developing world, searching garbage for cardboard, plastic bags and other treasure that can be sold and recycled.

Every day, they rescue hundreds of thousands of tons of material from streets and trash dumps that get reprocessed into all kinds of products. That not only cuts back on the resources used by industries but also lightens the load on dumps that are quickly reaching capacity.

Despite their contributions, trash pickers have long suffered harassment from local governments and derision from neighbors, who often consider them vagrants or even criminals. Such attitudes, however, are changing, trash pickers said, and they're increasingly being seen as foot soldiers in the global warming battle.

"We're the only ones doing this work," said Cristian Robles, a trash picker who scours the Argentine capital of Buenos Aires for recyclables. "If we didn't do it, nobody else would."

At an estimated 15 million people worldwide, trash pickers make up about 1 percent of the global urban population, and their impact is enormous, said Martin Medina, a U.S.-based waste management expert who wrote "The World's Scavengers," a book about the population.

Brazil, for example, claims the world's highest aluminum recycling rate, at nearly 90 percent \_ not because of official initiatives, but thanks to the country's esti-

mated 500,000 trash pickers, Medina said. By comparison, only about half of the aluminum used in the United States is recycled, despite the proliferation of city-run recycling programs. In total, Brazilian trash pickers salvage about 33,000 tons of recyclables a day.

In Indonesia, the world's fourth most populous country, trash pickers recycle a third of all garbage, Medina said.

Trash pickers also reduce emissions of methane produced by rotting garbage in open-air dumps. That's no small contribution, considering methane wreaks more than 20 times the global-warming damage than carbon dioxide does.

"Environmentally, they're having a big effect," Medina said. "But they're not getting the support of governments. The entire system is based around economics, and people only turn to this when they have no other choice. Unemployment and layoffs are what's pushing many people into doing it."

That's already happened in some countries, such as Brazil, where the federal government officially recognized trash picking as a legal profession five years ago and provided some labor protections. Most other countries, however, still prohibit the activity.

Earlier this month, hundreds of trash pickers from 40 countries met in Bogota, Colombia, for the field's first ever worldwide convention. At the top of the agenda was how to win jobs in professional, city-run recycling programs that are beginning to appear around the world.

"This question is changing with more awareness of global warming, which has made more people value the work," Pinheiro said. "We've been seeing more governments working with them rather than fighting them."

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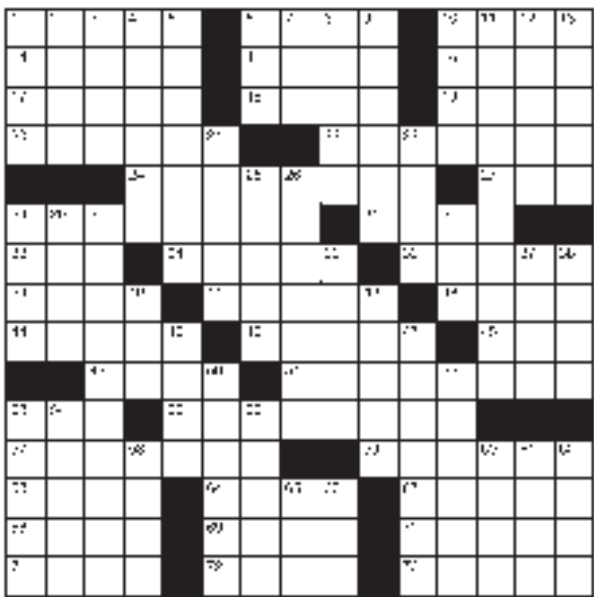


Paul by Billy O'Keefe



Crossword

- ACROSS
- 1. Scramble
  - 8. Barbers
  - 10. Old
  - 14. Frankie or Cag
  - 15. Gus's
  - 18. Adulation
  - 19. Aquatic's snack
  - 19. Jacob's first wife
  - 19. Ho. chance
  - 20. Down under's job
  - 22. Stuck-up
  - 22. Dishes
  - 24. Disperses
  - 27. Rarities area
  - 28. Girth
  - 31. School near Windsor
  - 32. School on campus
  - 34. Seattle art
  - 35. Cease
  - 35. Heavyweights
  - 38. Color
  - 41. Lapse
  - 43. Collection by
  - 44. Overlaid
  - 48. Bridge position
  - 49. Sound of zero
  - 49. Bar or bath
  - 51. Part of a detour
  - 53. Damage
  - 53. Something left out
  - 57. Given a chance
  - 57. Magician's word
  - 62. Unruffled
  - 64. Star now
  - 67. Get around
  - 69. Ship part
  - 69. Italian monk
  - 70. Operating word
  - 71. The West
  - 71. Wing actor
  - 72. Kicker
  - 73. Villain's expression



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Solutions

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73
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