

The Sentry

The Sentry (014-225) is published weekly on Thursdays at 2500 SE 5th Court, Pompano Beach, Florida 33062. Telephone: 954-532-2000 Production Office: 2500 SE 5th Court, Pompano Beach, Florida 33062. Periodical postage paid at Pompano Beach, Florida and other mailing offices. A yearly subscription is \$21.20 within Broward County including state sales tax. Outside Broward County subscriptions within the United States are \$52.00 including sales tax. Single issue newstand price is \$.25. e-mail: editor@FLSentry.com. POSTMASTER: Please send address corrections to: The Sentry, 2500 SE 5th Court, Pompano Beach, FL 33062.

Illegitimi Non Carborundum Volume XVIII Number 5

South Pompano Civic Association Board
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 Janice Griffin, Marie Maher, Terry Hahn, Benita Shulmister
 Memberships: \$25 for businesses, \$15 for families EVERYONE is welcome.
 Membership includes a subscription to THE SENTRY
 Meetings are held 4th Monday in January and the 3rd Monday of other odd months.
 Meetings are held at Emma Lou Olson Civic Center, 1801 NE 6th Street, Pompano Beach
 Dinner meetings start at 6:30 PM
 All business meetings (including meetings after dinners) start at 7:30 PM.
 The Sentry accepts information for publication from all Broward Civic Associations.
 Please email your news to: civic@flsentry.com
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A Little Wisdom

I went on a diet, swore off drinking and heavy eating, and in fourteen days I had lost exactly two weeks. - Joe E. Lewis

Edward Jones



MAKING SENSE OF INVESTING
by Bruce Frenkel

Here's How to Insure a Great Valentine's Day

Valentine's Day is almost upon us. To celebrate, you may want to present your loved ones with chocolates, flowers or any number of other traditional gifts. But if your valentine also happens to be your spouse or your life partner, you also might want to show your love in another way — by making sure you have adequate insurance.

Just consider some of the things that life insurance can do for you and your family:

Pay off your mortgage — With sufficient life insurance, your family can remain in their home should anything happen to you.

Educate your children — College is expensive, and it seems to get more costly every year. If you were to die prematurely, your life insurance proceeds could help pay for your children's education.

Help fund retirement — Term insurance consists of just a death benefit. But "permanent" insurance policies, such as whole life or universal life, a tax-advantaged savings component that could help pay for your retirement and help keep you financially independent — which means you won't have to worry about being a "burden" to your grown children. Furthermore, proceeds from your life insurance policy could help your surviving spouse retire more comfortably.

Help protect your business — If you're involved in a family-owned business enterprise, you can structure a life insurance policy to help preserve the business or transfer it to the next generation.

Pay for estate taxes — If your estate is sizable, it could generate estate taxes. Life insurance proceeds can help your heirs pay these taxes.

Clearly, life insurance offers a variety of benefits. But how much do you need? And what type do you need? You might hear that your coverage should be worth around seven or eight times your annual salary. But there's really no one-size-fits-all formula. In determining how much life insurance you require, you should consider your age, your income, the size of your family, the amount of your mortgage, whether your spouse has a retirement account, your financial goals and other factors. Your financial advisor can help you assess these variables to determine the appropriate level of coverage.

One final word on life insurance: Don't wait too long before purchasing a policy or upgrading your existing one. Your life insurance premium is based, in part, on your age, so the sooner you act, the better. Also, the time to buy life insurance is while you are healthy, because poor health could prevent you from obtaining coverage.

As important as it is, life insurance isn't the only protection you and your loved ones may need. During your working years, you are actually more likely to become temporarily disabled, due to injury or illness, than you are to die. If you weren't able to work for a while, you could help your family maintain its lifestyle if you had an adequate disability income insurance policy. Your employer might offer you some coverage as a benefit, but it might not be sufficient, either in terms of income or the length of the disability covered. Consequently, you may want to explore an individual disability insurance policy.

When you think of romantic Valentine's Day presents, "insurance" probably doesn't pop up right away. Yet, by making sure you've got all the coverage you need, you may actually be giving your loved ones the greatest gift they'll ever receive.

UF astronomers contribute to NASA's planet discoveries

NASA announced today the discovery of 11 new "solar systems" hosting at least 26 planets found with data from NASA's Kepler Mission.

The discovery nearly doubles the number of verified Kepler planets so far. It also triples the number of stars known to have more than one planet that transits — or passes in front of — its host star. Such systems are particularly valuable for the clues they provide about how planets form.

Eric B. Ford, associate professor of the astronomy department at the University of Florida, is part of the Kepler Mission science team. Ford's research group at UF, including graduate student Robert Morehead and postdoctoral associate Althea Moorhead, has contributed to several previous Kepler discoveries. Ford is lead author of the paper describing Kepler-23 and Kepler-24, two of the 11 systems announced today.

In this research, Ford and his team not only describe the two new planetary systems but also develop a new technique that, in Ford's words "dramatically accelerates planet discovery and will enable astronomers to confirm planets transiting fainter and more distant stars."

The Kepler Mission uses a 1-meter space telescope to stare constantly at a patch of the Milky Way, registering the small decreases in the light from stars caused when a planet crosses in front of it. With this tool, astronomers are able to constantly monitor more than 160,000 stars at a time.

Until now, confirming that small decreases in a star's brightness was caused by a planet required additional observations and time-consuming analysis. The new technique takes advantage of the gravitational effects that different planets in a system have on each other's orbits. By precisely timing the deviations from the expected orbital times caused by this effect, the team was able to detect the gravitational tug exerted by the planets on each other, and confirm 10 of the newly announced planetary systems.

Five of the new planetary systems contain a pair of planets where the inner planet orbits the star twice during each orbit of the outer planet. Another five systems contain a pair of planets where the outer planet circles the star twice for every three times the inner planet orbits its star.

"These configurations help to amplify the gravitational interactions between the planets, similar to how my sons kick their legs on a swing at the right time to go higher," said Jason Steffen, the Brinson Postdoctoral Fellow at Fermilab Center for Astroparticle Physics and lead author of a paper confirming four of the systems.

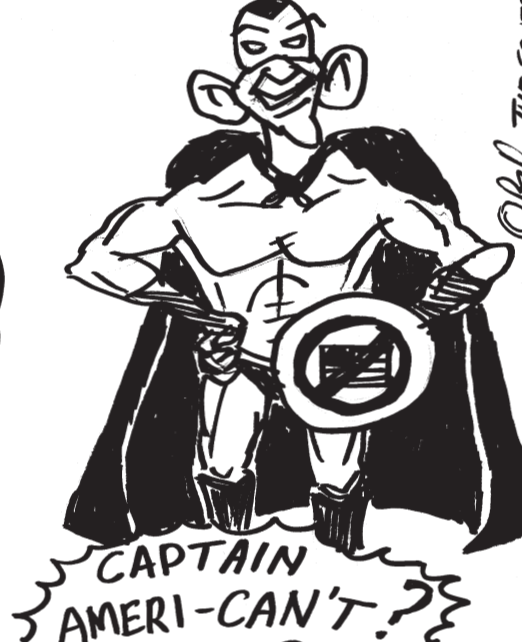
The new planets orbit close to their host stars, their size ranging from 1.7 times the radius of Earth to about the size of Jupiter. Fifteen of them are smaller than Neptune and further observations will be required to determine which of them are rocky like Earth and which have thick gaseous atmospheres like Neptune. The confirmed planets orbit their host star once every 6 to 143 days, so all of them are closer to their host star than Venus is to the sun.

A Thousand Words by Barry Pohlman

THE ROMNEY SUPERPAC CAN Slay THE MIGHTY NEWT-ZILLA



BUT IS HE ANY MATCH AGAINST..



What drove the lunar dynamo?

Research supports theory that the moon's molten core was likely sustained by an alternative power source.

New evidence from an ancient lunar rock suggests that the moon once harbored a long-lived dynamo — a molten, convecting core of liquid metal that generated a strong magnetic field 3.7 billion years ago. The findings, published today in *Science*, point to a dynamo that lasted much longer than scientists previously thought, and suggest that an alternative energy source may have powered the dynamo.

"The moon has this protracted history that's surprising," says co-author Benjamin Weiss, an associate professor of planetary science at MIT. "This provides evidence of a fundamentally new way of making a magnetic field in a planet a new power source."

The new paper is the latest piece in a puzzle that planetary scientists have been working out for decades. In 1969, the Apollo 11 mission brought the first lunar rocks back to Earth — souvenirs from Neil Armstrong and Buzz Aldrin's historic moonwalk. Since then, scientists have probed the rocky remnants for clues to the moon's history. They soon discovered that many rocks were magnetized, which suggested that the moon was more than a cold, undifferentiated pile of space rubble. Instead, it may have harbored a convecting metallic core that produced a large magnetic field, recorded in the moon's rocks.

Exactly what powered the dynamo remains a mystery. One possibility is that the lunar dynamo was self-sustaining, like Earth's: As the planet has cooled, its liquid core has moved in response, sustaining the dynamo and the magnetic field it produces. In the absence of a long-lived heat supply, most planetary bodies will cool within hundreds of millions of years of formation.

A dynamo still exists within Earth because heat, produced by the radioactive decay of elements within the planet, maintains the core's convection. Models have shown that if a lunar dynamo were powered solely by cooling of the moon's interior, it would have been able to sustain itself only for a few hundred million years after the moon formed — dissipating by 4.2 billion years ago, at the very latest.

Heavy metal rock

However, Weiss and his colleagues found some surprising evidence in a bit of lunar basalt dubbed 10020. The Apollo 11 astronauts collected the rock at the southwestern edge of the Sea of Tranquility; scientists believe it was likely ejected from deep within the moon 100 million years ago, after a meteor impact. The group confirmed previous work dating the rock at 3.7 billion years old, and found that it was magnetized — a finding that clashes with current dynamo models.

Weiss collaborated with researchers at the University of California at Berkeley and the Berkeley Geochronology Center, who determined the rock's age using radiometric dating. After a rock forms, a radioactive potassium isotope decays to a stable argon isotope at a known rate. The group measured the ratio of potassium to argon in a small piece of the rock, using this information to ascertain that the rock cooled from magma 3.7 billion years ago.

Weiss and graduate student Erin Shea then measured the rock's magnetization, and found that the rock was magnetized. However, this didn't necessarily mean that the rock, and the moon, had a dynamo-generated magnetic field 3.7 billion years ago: Subsequent impacts may have heated the rock and reset its magnetization.

To discard this possibility, the team examined whether the rock experienced any significant heating since its ejection onto the moon's surface. Again, they looked to isotopes of potassium and argon, finding that the only heating the rock had experienced since it was ejected onto the lunar surface came from simple exposure to the sun's rays.

"It's basically been in cold storage for 3.7 billion years, essentially undisturbed," Weiss says. "It retains a beautiful magnetization record."

Stirring things up

Weiss says the rock's evidence supports a new mechanism of dynamo generation that was proposed last year by scientists at University of California at Santa Cruz (UCSC). This hypothesis posits that the moon's dynamo may have been powered by Earth's gravitational pull. Billions of years ago, the moon was much closer to Earth than it is today; terrestrial gravity may have had a stirring effect within the moon's core, keeping the liquid metal moving even after the lunar body had cooled.

Francis Nimmo, a professor of earth and planetary sciences at UCSC and one of the researchers who originally put forth the new dynamo theory, says Weiss' evidence provides scientists with a new picture of the moon's evolution.

"We generally assume that cooling is the main mechanism for driving a dynamo anywhere," says Nimmo, who was not involved in the current study. "This lunar data is telling us that other mechanisms may also play a role, not just at the moon, but elsewhere, too."



THE WAR ROOM
by Gabe Carrera, Esq.

DA CAIN TRAIN PICK'S UP NEWT!

Many thought that the Cain train, AKA Herman Cain, had chugged off into the sunset, but the Train made one more stop in Florida. Former Presidential Herman Cain came out last Saturday and endorsed top-tier candidate Newt Gingrich for nominee of the Republican Presidential Candidate. Cain happily endorsed Newt Gingrich for president last Saturday at a rally in W. Palm Beach. "I also know that Speaker Gingrich is running for president and going through this sausage grinder ~ I know what this sausage grinder is all about. I know he is going through this sausage grinder because he cares about the future of the United States of America," stated Cain reminding them how the GOP Washington Establishment and the Drive-By-Media attacked him on his personal life instead of the substantial issues.

It is not known if this boost will help or hurt Newt come Election Day, but one thing is clear, exit polls show Romney the Establishment candidate winning. How can Romney lose with the massive attack ads depicting Gingrich as an anti-Reaganite and attacking his personal life. Romney has even gone as far as to produce a TV spot with Tom Brokaw from the 1990's reporting on Newt's oust from Speaker of the House. I could not believe my eyes after being bombarded by so many nasty ads that depicted semi truths and absolute lies.

It is safe to say that Newt masterminded the Republican (Reagan) Revolution in the 1990's by winning the House and the senate with Contract for America.

During that time G.H. Bush, the Establishment Moderate, lost to Clinton by Ross Perot splitting the vote with the disgruntled base. Newt commenced to build a conservative world that irked the GOP Establishment in Washington who wanted the power for themselves. The Democrats with the RINO elites helped establish an investigation on people buying Newt's published books as a round-about way of campaign donations. Big deal right? Now the same people who disliked Newt back then are attacking him now.

What really gets me mad is that they are using Ronald Reagan's words in attack ads against Newt in favor of the Washington Elite's champion Mitt Romney. Most the people coming out of the wood works for Romney, a liberal leaning governor from Massachusetts, worked against Reagan when he was in the White House.

They did not like Reagan declaring Russia was the enemy and demanding that the East Germany wall come down. They disliked his Tea Party thinking towards the right of center and many of them made it publicly known. Now they are using Ronald Reagan to promote their Romney-Care candidate who has no contrast to the current commander and chief.

This type of wrong doing has provoked righteous anger from the leaders on the right. Sarah Palin came out swinging against the ads of personal destruction. "We have witnessed something very disturbing this week.

The Republican establishment which fought Ronald Reagan in the 1970's and which continues to fight the grassroots Tea Party movement today has adopted the tactics of the left in using the media and the politics of personal destruction to attack an opponent," stated Sarah on her Facebook page. She continued scolding the Establishment:

"But this whole thing isn't really about Newt Gingrich vs. Mitt Romney. It is about the GOP establishment vs. The Tea Party grassroots and independent Americans who are sick of the politics of personal destruction used now by both parties' operatives with their media allies egging it on. In fact, the establishment has been just as dismissive of Ron Paul and Rick Santorum. Newt is an imperfect vessel for Tea Party support, but in South Carolina the Tea Party chose to get behind him instead of the old guard's choice. In response, the GOP establishment voices denounced South Carolinian voters with the same vitriol we usually see from the left when they spew hatred at everyday Americans "bitterly clinging" to their faith and their Second Amendment rights. The Tea Party was once again told to sit down and shut up and listen to the "wisdom" of their betters. We were reminded of the litany of Tea Party endorsed candidates in 2010 who didn't win. Well, here's a little newsflash to the establishment: without the Tea Party there would have been no historic 2010 victory at all."

Bottom line is that the Florida Sentry readers should not be fooled by the machine, but rather rage against the machine by voting for Newt Gingrich come election day!

Democrat leader lived well on public

Judicial Watch, the public interest group that investigates and prosecutes government corruption, has obtained new documents from the United States Air Force detailing House Speaker Nancy Pelosi's use of Air Force aircraft in 2010. According to the documents, obtained through the Freedom of Information Act (FOIA), Pelosi used Air Force aircraft for 43 flights from January 1 to October 1, 2010. According to documents previously uncovered by Judicial Watch, by comparison, Pelosi logged 47 flights in the prior nine-month period, April 1, 2009, to January 1, 2010.



Pelosi

The most recent documents include a Passenger Mission Activity chart detailing all of former Speaker Pelosi's flights January 1 to October 1, 2010, as well as detailed shopping lists for some flights, flight authorization forms, Mission Expense Records and internal Air Force correspondence related to the flights. Among the high-lights:

Pelosi used the Air Force aircraft for a total of 43 trips, covering 90,155 miles, from January 1 through October 1, 2010. The Air Force documented in-flight expenses for 22 of these

flights totaling \$1,821.33. The Air Force did not provide expense information for the remaining 21 flights.

Pelosi received chocolate covered strawberries as a birthday surprise on a March 26, 2010 flight. According to one internal Air Force email sent on March 25, 2010: "The speaker's office is requesting egg salad sandwiches on wheat toast with fruit (watermelon, etc) for desert [sic]. It's the speaker's B-Day tomorrow so we're also asking for something like chocolate covered

strawberries (dark chocolate preferred)..." The immediate response to the email from another member of the Air Force staff: "Copy all. We'll plan something for the birthday and take care of the meal."

According to previous documents the former Speaker's military travel cost the United States Air Force \$2,100,744.59 over one two-year period — \$101,429.14 of which was for in-flight expenses, including food and alcohol. For example, purchases for one Pelosi-led delegation traveling from Washington, DC, through Tel Aviv, Israel to Baghdad, Iraq May 15-20, 2008, included: Johnny Walker Red scotch, Grey Goose vodka, E&J Brandy, Baileys Irish Cream, Maker's Mark whiskey, Courvoisier cognac, Bacardi Light rum, Jim Beam whiskey, Beefeater gin, Dewar's scotch, Bombay Sapphire gin, Jack Daniel's whiskey, Corona beer and several bottles of wine.

Judicial Watch also uncovered internal Department of Defense (DOD) email correspondence detailing attempts by DOD staff to accommodate Pelosi's numerous requests for military escorts and military aircraft.