

Senior Professor, Whattsa Matter Physics University of Lake Berryessa

The Department of Genetic Physics and the Berryessa Underground Research Program in Action (BURPA) at the University of Lake Berryessa (ULB) are seeking to fill a tenure-track faculty position in experimental condensed matter physics with a specialty in the burgeoning new field of whattsa matter physics related to genetic research in the area of Molecular Microgenetics: Modification and Management Science (MM:M&MS)). The successful candidate is expected to build an active research program around the synthesis of novel materials using advanced cellular growth and epitaxial deposition including epigenetic volumetric crocheting.

The incumbent will also be a key member of the DABURPA consortium formed between the Defense Advanced Projects Agency (DARPA) and the Berryessa Underground Research Program in Action (BURPA) to be designated DABURPA (with apologies to Chicago's DABEARS superfans.)

The Department of Genetic Physics at ULB is a vibrant community with a long tradition and strong commitment to excellence in research, service, teaching, fishing, and boating, specializing in state-of-the-art jet ski racing dynamics. Research interests within the Department span the traditional disciplines of physics – condensed matter physics, biophysics, whattsamatter physics and non-linear dynamics of game fishing.

The successful candidate is expected to have the required experience and a strong desire for engaging in interdisciplinary work in our extensive laboratory facilities deep below Big Island in the center of Lake Berryessa. An ICON A5 amphibious light-sport airplane will be provided for convenient commuting to the lake surface, bypassing annoying bicycle and motorcycle traffic.

ULB is an affirmative action/equal opportunity employer and, in keeping with our commitment, welcomes all to apply including alien and inter-dimensional academics.

Ph.D. in the Whattsa Matter physics or related fields; post-doctoral experience and a strong record of publications. Applicants should show promise of initiating and sustaining creative research in the face of overwhelming derision and of obtaining external funding through multi-level marketing of newly designed genetic creatures.

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REALLY Green People at play in Cancun
(See article on Page 7)



The Lake Berryessa News

Without *THE LAKE BERRYESSA NEWS* there would be no Lake Berryessa news!

April 1, 2020 - America's Favorite Holiday

Remember, if you read it in The Lake Berryessa News April 1 Special Edition it must be true?

University of Lake Berryessa Promotes Solutions to Climate Change, Global Food Security, and Animal Cruelty Prevention

Sometimes problems are connected and complicated. But comprehensive solutions may be available to address multiple concerns. Such is the case with the above headline issues. The Dept. of Genetic Physics and the Berryessa Underground Research Program in Action (BURPA) at the University of Lake Berryessa (ULB) are seeking to solve multiple problems with linked research projects.

One major project described in this article involves the development of the meat grape, steak potato, chicken nugget bush, and braunschweiger avocado. Two other advanced genetic manipulation projects are the “Grass-Fed People” and the “REALLY Green people” initiatives described in the accompanying articles in this issue.

second largest cattle population in the world), thus accelerating the global warming. Methane pollution causes one quarter of the global warming that we’re experiencing right now.

When some people hear the word “methane,” they immediately think about cow farts. But in reality, cow burps are much more problematic: 90 to 95 percent of the methane released by cows comes out of their mouths, while 5 to 10 percent is released in the form of manure and flatulence.

Eighty years ago, Winston Churchill looked forward to the day when "we shall escape the absurdity of growing

a whole chicken in order to eat the breast or wing, by growing these parts separately under a suitable medium."

Churchill thought this would take only 50 years. We are still not there, but today we will reach a milestone on the road to the future that Churchill envisaged: the first-plant based meat. This astonishing announcement and demonstration is scheduled to take place on April 1, 2020 at the University of Lake Berryessa Advanced Research Projects laboratory on Big Island.

The intent is to create products that can be easily grown, harvested and eaten to provide a solution to climate change, international food security, plant-based meat alternatives, and the elimination of the cruel conditions under which food animals are now grown and processed. The main beneficiaries of these products will be humans, cows, chickens, and pigs..

And the ultimate incentive: Napa Valley Winery tasting room research has found that plant-based diets makes wine taste better.

(Continued on Page 2)

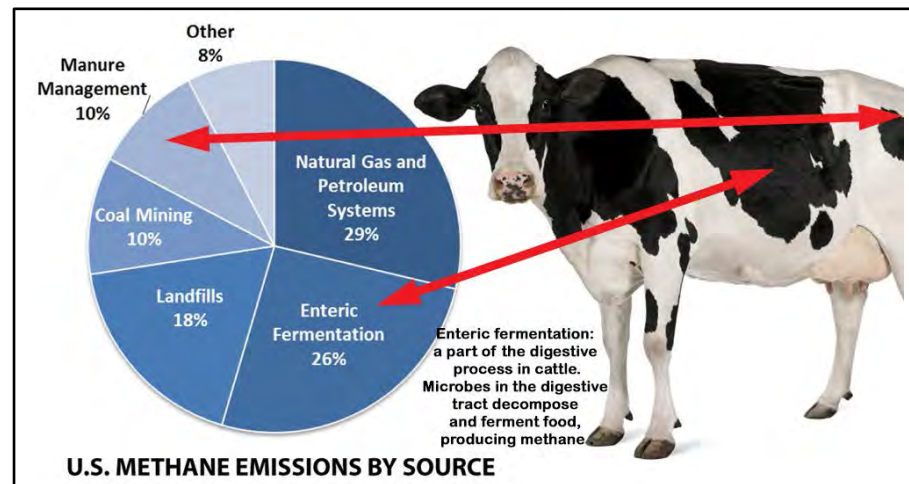
Breaking News: MPA Approved!

The Napa Board of Supervisors unanimously approved (12:15 PM, Tuesday, March 17, 2020) the Managing Partner Agreement (MPA) with the Bureau of Reclamation. Reclamation previously approved it. It has been signed by Diane Dillon, Chair of the Board of Supervisors and Ernest Conant, BOR Regional Director. Under the proposed agreement, Napa County would assume management of the Spanish Flat, Monticello Shores (the old Rancho Monticello) and Steele Park Resort areas effective November 1, 2020

Download the document at:
www.lakeberryessanews.com/what-happened-at-lake-berry/lake-berryessa-project/mpa-2020-full-documentr.pdf
(Continued on Page 2)



Cattle and other ruminants are significant producers of the greenhouse gas methane—contributing 37 percent of the methane emissions resulting from human activity. Worldwide, there are about 1.5 billion cattle. Cows’ methane emissions are an important reason for greenhouse effect. Also, cattle farming is increasing the deforestation of the tropical rain forests (Brazil has the





BUREAU OF RECLAMATION

Managing Agreement Number 20-LC-20-2623

Managing Agreement

Between the United States of America and Napa County for the Administration, Operation, Maintenance and Development of Recreation Uses and Facilities at Lake Berryessa Area Project Lands



Department of the Interior

March 9, 2020

2 (Continued from Page 1)
There are important ethical reasons why we should replace animal meat with plant-based meat (PBM), if we can do it at reasonable cost. One is to reduce animal suffering. Another reason for replacing animal meat is environmental. Using meat from animals, especially ruminants, is heating the planet and contributing to a future in which hundreds of millions of people become climate refugees.

Another good reason is that no manure will be produced, and as a result, the vast cesspools that intensive farms require to handle manure will become unnecessary. With that single change, the world's production of nitrous oxide, another powerful contributor to climate change, will be slashed by two-thirds.

The Ice Cream Conundrum

People like ice cream. Ice cream comes from very cold cows. Cows need to produce baby cows to be able to provide milk and cream. Baby cows become big cows that continue to contribute to climate change. Milk substitutes that taste like milk are needed.

Real milk's ingredient list is short and sweet: milk and vitamins A and D. If it's not in milk then it's because nature left it out. However, some available plant-based alternative options have more than 10 ingredients, including added salt and sugar, stabilizers and emulsifiers like locust bean gum, sunflower lecithin and gellan gum.

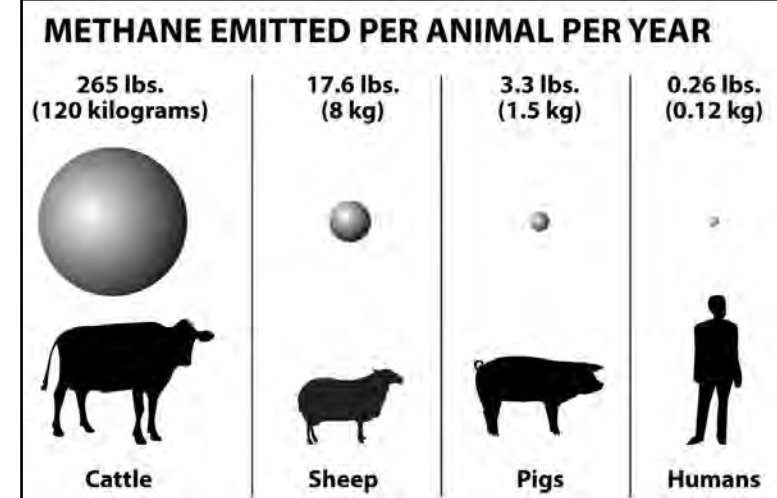
Creating a plant that can produce real cow-type milk is a major goal of ULB research. So far genetically manipulated variations of milk weed and milk thistle have proven unsuccessful.



Pork Loin Chardonnay

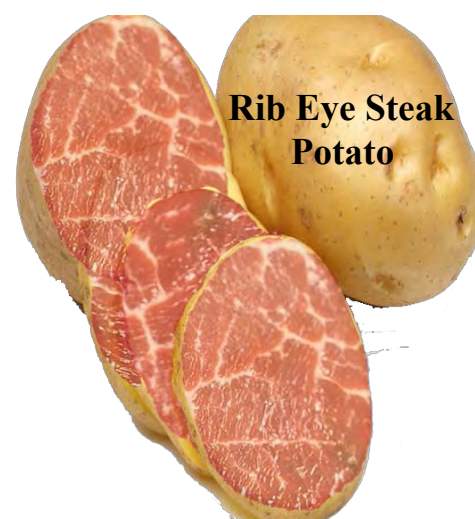
The Phisophical Quandry

Some vegetarians and vegans may object to plant-based meat, because they don't see the need for meat at all. That's fine for them, and of course they are free to remain vegetarians and vegans, and



Chicken Nugget Bush

choose not to eat plant-based steak, chicken, pork and other future plant-based meats (PBM). My own view is that being a vegetarian or vegan is not an end in itself, but a means toward reducing both human and animal suffering, and leaving a habitable planet to future generations. I have frinds who haven't eaten meat for 40 years, but if Plant Based Meat becomes commercially available, I will be pleased to try it.



Rib Eye Steak Potato

Breaking News: MPA Approved!

Coincidentally, the 2020 Chair of the Board is Supervisor Diane Dillon. She will get to sign this agreement for Napa County. Some historical perspective on the process: I met Supervisor Dillon when she was first elected to the Board 20 years ago. I and some others saw the looming disaster of the Bureau of Reclamation's proposed Visitor Services Plan and asked her for her assistance in preventing it. The rest is history, as they say. Now comes the future.

This is the 10th anniversary of the signing of the Pensus contract which led to a disastrous 10 year "hole in history" and the destruction of a thriving recreational asset and the loss of this asset to a generation of families, friends, and their children.

Thanks to the Napa Board of Supervisors, especially Alfredo Pedroza and Diane Dillon (our Lake Berryessa supervisors) for their strong support since 2016, and to Molly Ratigan, Deputy County Executive Officer, for her hard work during the long negotiations.

The Board believes that new management of the federally-held Lake Berryessa recreational areas is needed to develop and implement a redevelopment plan that will encourage investment in and attract new businesses to the Lake Berryessa area.

Under a Managing Partner Agreement, the responsibility to develop and manage public recreation areas is transferred to the partner agency. While there are federal policies and guidelines on how management agreements can be structured, items within the agreement are generally negotiable.

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Becoming REALLY Green to Help Our Planet

Chlorophyll skin to help solve climate crisis

Plants make food in their leaves. The leaves contain a pigment called chlorophyll, which colors the leaves green. Chlorophyll can make food the plant can use from carbon dioxide, water,



nutrients, and energy from sunlight. This process is called p h o t o s y n t h e s i s . Photosynthesis literally means "making things with light."

Plants use sunlight, water, and the gases in the air to make glucose. The whole process of photosynthesis is a transfer of energy from the Sun to a plant. In each sugar molecule created, there is a little

bit of the energy from the Sun, which the plant can either use

or store for later. The basic structure of woody plants is primarily the long-chain sugar cellulose. There's a lot of potential energy packed into plant fiber. (See accompanying article: Grass-Fed People to Replace Grass-Fed Beef)

Human chlorophyll skin would use sunlight or artificial light directly to produce sugars that help energize people's bodies while creating oxygen for themselves and other life forms on the planet.



Once again University of Lake Berryessa scientists are taking the lead in this revolutionary research. Several human volunteers have already been turned green through a proprietary gene modification process. The only minor problem so

far has been a rapid weight gain for subjects who spend too much time in the sun, on a beach or boat, for example. Steps might need to be taken to prevent our beaches from hosting healthy tan to being overrun with fat green people.

(See illustration on back page.)



Onion Headlines

Report: Nation's Fake Headline Writers Unable To Think Of Single Non-Coronavirus Related Gag

Toilet Paper Hoarding Considered As Addition To Diagnostic and Statistical Manual of Mental Disorders (DSM-VI)

Putin's plan to turn America into Soviet Union approaches fruition with advent of toilet paper queues

Mexico Willing To Pay For Wall Now

'This Has Nothing To With Us. Please Buy Our Beer' Whimpers Corona Beer CEO

Executive Branch To Resign As White House Vows To Remove Every Obstacle To Americans Getting The Care They Need

Congress Allocates \$2 Trillion To Bail Out Struggling Bailout Industry

'Avoid All Groups' Says Group Of Scientists

Federal Reserve Takes Drastic Action By Pumping \$1.5 Trillion Into The Ether

Hollywood Legendary Actor Dead In Apparent Age Overdose

Woman Tries To Spark Casual Chat In Long Grocery Store Line As If She Not Desperately Attempting To Outrun Death

Republican Lawmakers Very Concerned About Corporations Catching Coronavirus, Since They "Are People Too"

Local Lake Berryessa Man Practiced Social Distancing Way Before It Was Popular

Divorced Mom At Point In Life Where She Figures She Might As Well Start Writing Erotic Letters To Men In Prison

Report: Cat Can Tell You've Been Drinking Again

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May 9th, 2020

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<https://castforkids.org/event/lakeberryessa/>

If you have questions, please contact:
Paul Gallagher
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An April 1 Manifesto: The Elements of Critical Thinking

Critical Thinking is the Basis for Human Civilization

Critical Thinking is the intellectually disciplined process of actively and skillfully conceptualizing, applying, analyzing, synthesizing, and/or evaluating information gathered from, or generated by, observation, experience, reflection, reasoning, or communication, as a guide to belief and action. Critical thinking is the ability to think clearly and rationally about what to do or what to believe. It includes the ability to engage in reflective and independent thinking. Someone with critical thinking skills is able to do the following :

- understand the logical connections between ideas
- identify, construct and evaluate arguments
- detect inconsistencies and common mistakes in reasoning
- solve problems systematically
- identify the relevance and importance of ideas
- reflect on the justification of one's own beliefs and values

Critical thinking is not a matter of accumulating information. A person with a good memory and who knows a lot of facts is not necessarily good at critical thinking. A critical thinker is able to deduce consequences from what he or she knows, and knows how to make use of information to solve problems, and to seek relevant sources of information to inform himself.

Critical thinking should not be confused with being argumentative or being critical of other people. Although critical thinking skills can be used in exposing fallacies and bad reasoning, critical thinking can also play an important role in cooperative reasoning and constructive tasks. Critical thinking can help us acquire knowledge, improve our theories, and strengthen arguments. We can use critical thinking to enhance work processes and improve social institutions.

Some people believe that critical thinking hinders creativity because it requires following the rules of logic and rationality, but creativity might require breaking rules. This is a misconception. Critical thinking is quite compatible with thinking "out-of-the-box", challenging consensus and pursuing less popular approaches. If anything, critical thinking is an essential part of creativity because we need critical thinking to evaluate and improve our creative ideas.

Punctuation Humor

April Fools’ Day apostrophe debate further divides an already fragmented nation.

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April Fools Day apostrophe debate further divides an already fragmented nation.

Lake Berryessa L.L.C. Sponsors First Speed Dating Party

The Lake Berryessa Lovely Ladies Club kicks off its first event on April 1 at the Turtle Rock. The party is meant to bring together Lovely Ladies Club members and adventurous men from the area to possibly spark some mutual interest in further social interaction.

Men between 18 and 65 preferred. Motorcycle clubs welcome.

First two drinks free to all male attendees.



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Grass-Fed People to Replace Grass-Fed Beef

University of Lake Berryessa scientists are developing a bacteria that can live in the human gut and produce a form of “cellulase” which can digest cellulose by breaking



it down into "simple sugars". Hay and grasses are particularly abundant in cellulose, and both are indigestible by humans. Celluloses are not naturally good human food since the long chains that contain the basic energy building blocks are difficult to break down into the smaller chain sugars (carbohydrates) which can unlock that energy. Humans lack the enzyme necessary to digest cellulose. Un-digestible cellulose is the “fiber” which aids in the smooth working of the human intestinal tract.

One cellulose molecule normally consists of a few hundreds to thousands of glucose molecules. Glucose molecules are the building blocks of carbohydrates. Carbohydrates serve as a major energy source for living things and originate chiefly as products of photosynthesis. Glucose molecules chain together to form other sugars such as cellulose and sucrose.

If humans are able to eat grass rather than feed the grass to cows and then eat the cows, eliminating the cows would reduce a major source of methane - a greenhouse gas more potent than methane. (See accompanying article: Becoming REALLY Green to Help Our Planet)

Testing on volunteer human subjects is proceeding successfully. The biggest problem with eating grass and wood is the flavor. Unique new seasonings and recipes will be needed. If humans can be modified to digest cellulose a whole new range of food possibilities open up creating a base of international food security. The downside is that poor and starving people would be able to eat their trees, bushes, and houses, causing another potential problem.



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April 2020 Horoscopes

Aquarius (1/20-2/18): The stars say to hold tight. Your life is about to undergo a dramatic change. Feel free to interpret that as a hopeful statement if you like.

Pisces (2/19-3/20): There’s almost certainly a more efficient way to get through life, but by this point you’re pretty used to just following any old conga line that goes by.

Aries (3/21-4/19): The stars aren’t sure what’s worse: that you keep insisting you’re the inspiration for the lizard in the insurance commercials, or that it’s true and you seem to take such pride in it.

Taurus (4/20 – 5/20): The very Heavens themselves shall bestow their benevolence upon you this week, allowing you to take 15% off selected entrées at a popular chain of restaurants.

Gemini (5/21 – 6/21): You were pretty sure your long, hellish ordeal was finally over, but it turns out it was renewed for another season and you still can’t stop watching it.

Cancer (6/22-7/22): You will be instrumental in disproving several popular theories next week, including the ideas that laughter is good for the soul and that a little fresh air never hurt anyone.

Leo (7/23-8/22): The most difficult week of your life is coming up, but take heart: If you can get through that, you’ll have something to remember during the next 1,872 uniformly boring weeks of your life.

Virgo (8/23-9/22): You’ll have a hard time controlling yourself this week, but then that’s what the concerned men in lab coats are here for.

Libra (9/23-10/22): While teaching the lowland gorilla how to communicate is entirely possible, getting the self-obsessed primate to shut the hell up is a whole other story.

Scorpio (10/23-11/21): They say it’s never too late to do something meaningful with your life, which is a nice idea, but you actually have about nine days.

Sagittarius (11/22-12/21): You will finally meet the man of your dreams, which sounds like good news until you remember some of your dreams.

Capricorn (12/22-1/19): It’s simply not true that most people think you’re an anonymous loser. In fact, most people have never heard of you.

Physics Humor

(Sponsored by the University of Lake Berryessa Whattsa Matter Physics Department. If you get it you're a Nerd!)

A particle walks into a bar, but nobody is there. So he waves.

A quantum object turns from wave to a particle... "It's just a prank bro! Look, there's the observer!!!"

A subatomic particle gets pulled over. Cop asks "Do you know how fast you were going?" Particle says "Yeah, but now I'm lost."

A particle walks into a bar, but nobody is there. So he waves.

I come from a family of scientists who share the last name “Matter.” We all get along, just like the particles we study. Except for my Auntie Matter and my Uncle Whattsa Matter.

A Higgs-boson particle goes into a church. The Priest says, "We don't want your sort in here!" The Higgs-boson particle says "But you can't have mass without me!"

What fundamental particle is responsible for bacon?

The Piggs-Boson

I don't believe anything that subatomic particles tell me. They make up everything.

**Mac & Grilled Cheese
Tomato Soup**

4 Triploid Trout Getting Bigger and Smarter in Lake Berryessa

The California Department of Fish and Wildlife (CDFW) stocked the first 3,400 pounds (6,800 fish) of catchable "triploid" rainbow trout in Lake Berryessa on February 15, 2011. I wrote an article regarding triploid trout in the Lake Berryessa News in 2011. I was reminded of that when awhile ago when I heard that anglers had been coming in with 5 pound rainbow trout!



In order to protect the genetic integrity of the native steelhead, only the sterile triploids are allowed to be stocked in Lake Berryessa. With no ability to reproduce, triploids focus all of their energy on eating and growing large - sometimes to exaggerated proportions. But the largest of them, 20 pounds and above, are found in the lakes of Washington and Idaho.

Although some folks described them as "frankenfish" the triploid trout are normal rainbows, not genetically-

engineered. They have been raised to be sterile but look, fight, and taste just the same. Ten years ago I speculated that we wouldn't know the result for several years. How many really big ones now live in Lake Berryessa is unknown, as is how large they may finally get. But one thing the scientists at the University of Lake

Berryessa did not anticipate was that the trout would get smarter as they got bigger. They apparently have now gotten so smart - especially when they form schools - that they act in a concerted effort to protect themselves from anglers.

There have been some unconfirmed reports of fishing boats being pummeled from below by these schools of 20 pound trout, some smaller boats almost capsizing. They seem to have learned to school in certain coves.

Fishing has always been one of the main attractions of Lake Berryessa, but now, if the added hint of the danger of being attacked out on the water by schools of huge, aggressive trout, the surface of Lake Berryessa may take on the thrill of big game hunting on the African veldt.



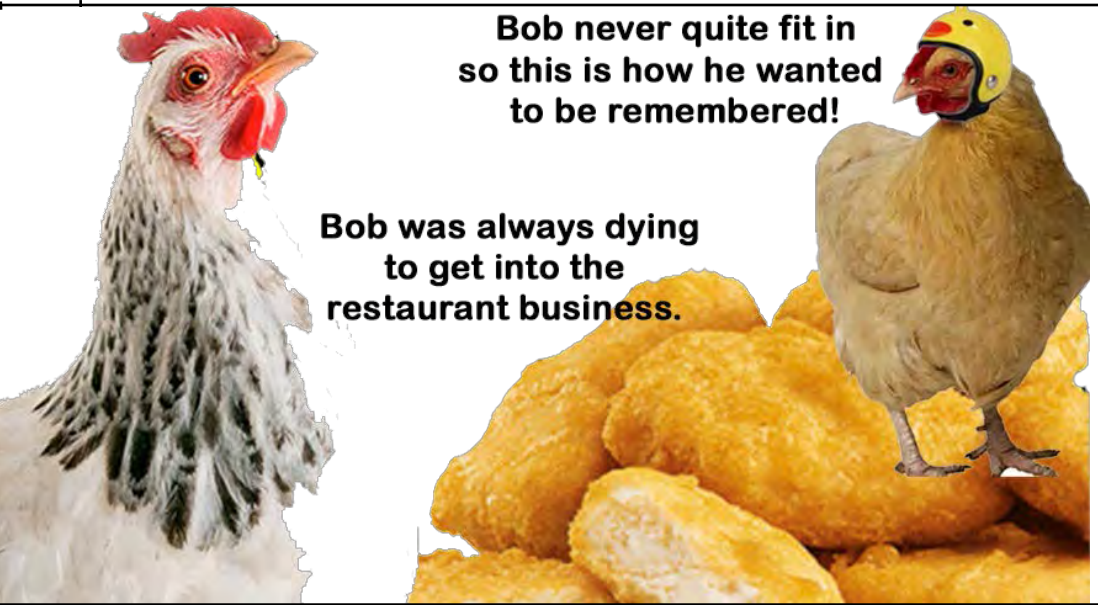
St. Stupid's Day and the Dumbing Down of America

Although April 1st is usually referred to as April Fools Day, the date has also become a holy day for some churches such as the Church of the Last Laugh in San Francisco. Each year on April 1 they sponsor a St. Stupid's Day Parade.

St. Stupid is the patron saint of religion, politics, and the Internet. He and his followers are responsible for the dumbing down of America by the methodical destruction and purposeful elimination of the means by which a society educates and enlightens itself.

Historically there have always been stupid people, but the trend seems to be accelerating with attitude triumphing over substance in so many areas of modern culture - especially lately in politics and on various social media (another major source of blatant stupidity.) Although April Fools Day celebrates sly wit and twisted humor, it also inadvertently highlights the serious lack of scientific and mathematical knowledge of the American public as well as a complete lack of the ability to think analytically on the part of many.

Beer Pillow is here for those who can't get enough of beer but also want to get some rest...



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Turning Vegan Would Be A Big Missed Steak!

Ban Pre-shredded Cheese

Make America Grate Again



PETA (People for the Ethical Treatment of Animals) and VEGA (Vgetarians Eating Grass Association) Launch CAPAPAC (Climate Action Plan and Prevention of Animal Cruelty) Campaign

