

When freed 1,001 Invention Projects on a CD and my web page

Send cash or check to..... Greg Buell PO Box 214 Key West Fl
33041 NEW CELL # 305 340 8082 Call Greg to
InventSomething! ...Next Revolution will be won by MD
women!

Greg wants to influence 1 Million SWF's into becoming
Futuristic MD women!

When freed 1,001 Invention Projects on a CD and my web page

inventsomething@live.com

<http://www.electricwindmillcar.com/photos>

[850 pages moved to this web link](#)

<http://www.electricwindmillcar.com/04Wives.html>

When freed 1,001 Invention Projects on a CD and my web page

7-14-14 52 Nearest Stars, (True Unknown Soldiers) and their
Aliens is the case for against... Ephedrine HCL and Ephedra
and Appetite Suppressants are needed ASAP...

7-14-14 52 Nearest Stars, (True Unknown Soldiers) and their
Aliens is the case for against... 12 Years a Slave... Hell 12
Years a Temp Worker for Manpower at GE, Google, Microsoft,
Boeing and worst Manpower Temp Workers at Yale New
Haven Medical School have injured or Killed 100's.

7-14-14 52 Nearest Stars, (True Unknown Soldiers) and their
Aliens is the case for against... Jewish universalists,
passionate activists around Israel/Palestine because they
care about both who the Jewish state hurts and who it helps.

7-14-14 52 Nearest Stars, (True Unknown Soldiers) and their
Aliens is the case for against... Jews in a Secret Holocaust II
for \$4 gas suppressing the Electric Windmill Ford Escort.

7-14-14 52 Nearest Stars, (True Unknown Soldiers) and their
Aliens is the case for against... The universalism of Jewish
Americans is what drives their Israel activism... who it helps,

Israel SWF have the highest #1 rate of Breast Cancer!

7-14-14 52 Nearest Stars, (True Unknown Soldiers) and their Aliens is the case for against... 40K SWF all Jews died in 2014 from Breast Cancer and no Jew helped save 1 life!

7-14-14 52 Nearest Stars, NY Times will put this on the front page after the 4 MD Wives Coup D'Etat, 40K Dead SWF Jewish women from Breast Cancer in 2014 and the NY Times puts Criminals on the front page for 193 injured, Hell these guys sucker punched this many women a day in gas station hold ups! "Rikers: Where Mental Illness Meets Brutality in Jail" By MICHAEL WINERIP and MICHAEL SCHWIRTZ these NY Times journalists will lose their heads by windmills in the New French Revolution!

7-14-14 52 Nearest Stars, (True Unknown Soldiers) and their Aliens is the case for against... 9-11 40K dead from Breast Cancer, all Jewish women in 2014.

7-14-14 52 Nearest Stars, (True Unknown Soldiers) and their Aliens is the case for against... Boston Globe reporting \$ gas prices but not Gas Station Hold Ups and the women sucker punched. Kerry + his rich Heinz wife cover up Boston Gas Station Hold Ups in the Boston Globe! "Local gas prices unchanged at \$3.67 a gallon, AAA Southern New England says" Boston Globe - The average price for gas in Massachusetts was \$3.67 a gallon in the latest weekly AAA survey, the same as the previous week's average, AAA Southern New England said Monday.

7-14-14 52 Nearest Stars, (True Unknown Soldiers) and their Aliens is the case for against... Ephedrine HCL and Ephedra and Appetite Suppressants are needed ASAP... "No Head-On Collisions Invent is 10 years old now and both are suppressed. "Hospitals adapt equipment to meet needs of obese" SFGate - DYER, Ind. (AP) - From extended blood pressure cuffs to roomier dental exam chairs and wider terry cloth hospital slippers, the health care industry continues to adapt to larger patients as America's obesity rate climbs.

7-14-14 52 Nearest Stars, (True Unknown Soldiers) and their Aliens is the case for against...

7-14-14 52 Nearest Stars, (True Unknown Soldiers) and their Aliens is the case for against... Tobacco Prohibition! Help Women Quit Tobacco with CDC's Tips From Former Smokers Campaign! Please visit <http://www.cdc.gov/tobacco/campaign/tips/> for more

information. "Poison Gas Exhaust + Poison Tobacco" George Orwell II must go to Hell with Pope Francis!

7-14-14 52 Nearest Stars, (True Unknown Soldiers) and their Aliens is the case for against... George Orwell II gave the Elite Leaders of Pakistan \$100 Billion in kickbacks, all in Swiss Banks for this... Pakistan's urban air pollution off the charts: World Bank. "Pakistan's urban air pollution is among the most severe in the world and it engenders significant damage to human health and the economy," according to a newly-released report titled 'Cleaning Pakistan's Air'. Karachi Dawn, Pakistan.

7-14-14 52 Nearest Stars, (True Unknown Soldiers) and their Aliens is the case for against... NASA swindle for much more than the Elite Pakistan Top Brass got from \$777 Trillion in Oil Revenues!

7-14-14 52 Nearest Stars, (True Unknown Soldiers) and their Aliens is the case for against...

7-14-14 52 Nearest Stars, (True Unknown Soldiers) and their Aliens is the case for against... NASA swindle for much more than the Elite Pakistan Top Brass got from \$777 Trillion in Oil Revenues!

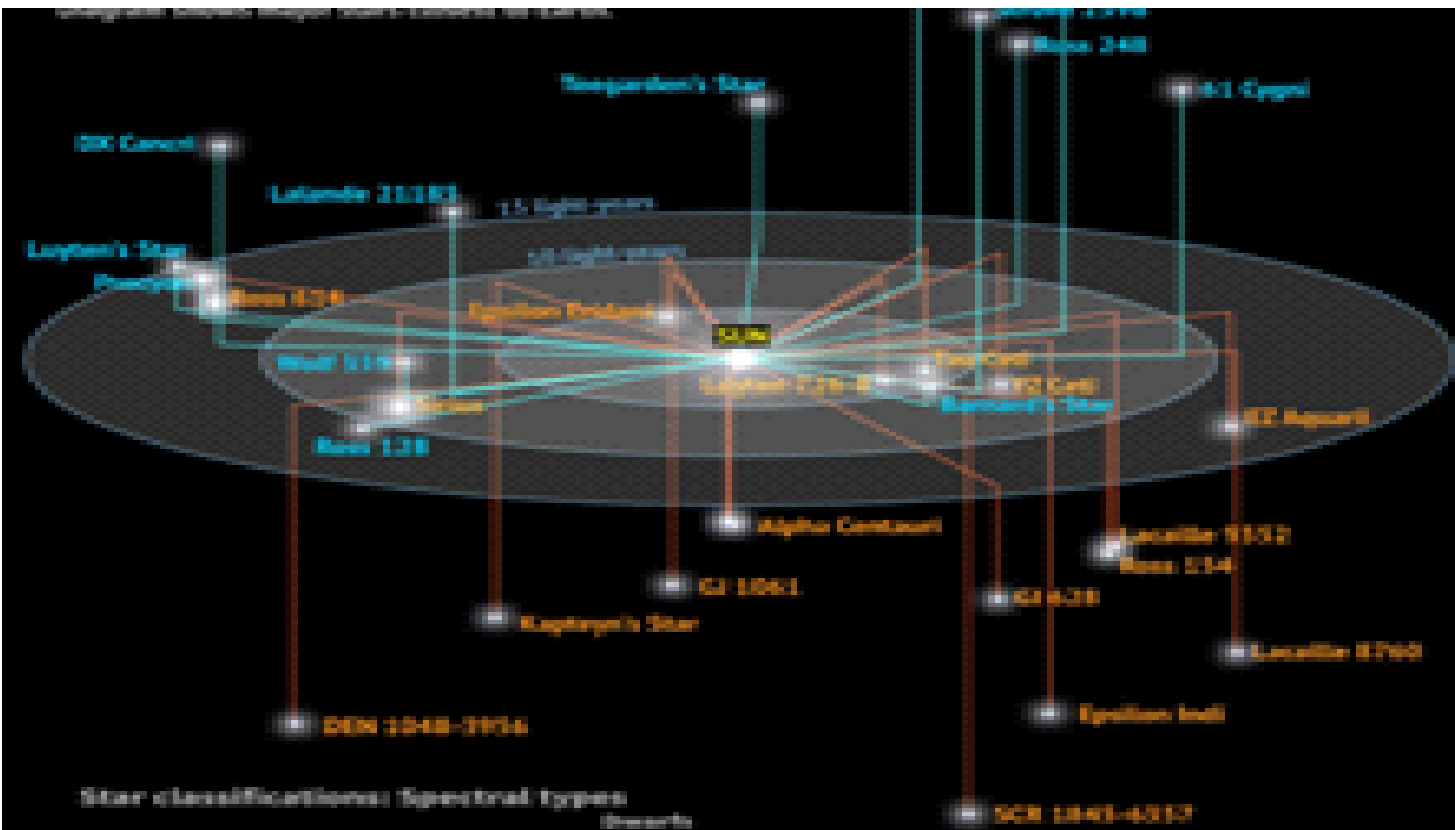
7-14-14 52 Nearest Stars, (True Unknown Soldiers) and their Aliens is the case for against...

7-14-14 52 Nearest Stars, (True Unknown Soldiers) and their Aliens is the case for against... NASA swindle for much more than the Elite Pakistan Top Brass got from \$777 Trillion in Oil Revenues!

Apple Buys Starbucks... 4 MD Wives Coup D'Etat... End War via 52 Aliens at 52 Nearest Stars! End War Via Legal Polygamous Marriage with "Uniform Premarital Agreement Act" for 99% of all conversations bull's-eye at brainstorming 1,001 Invention Projects preinstalled on your Apple MacBook Air! SWF's with "Black Eyes" will only be in George Orwells Homes!

End War Via Legal Polygamous Marriage ready ripe for Star Travels + Alien Sex!





Star classifications: Spectral types



Colors do not represent the actual visual color of the star.

Star ID	Spectral types	Star system	Distance (in light-years)	Stellar type (s)	Observed planets
1	M, G, K	Alpha Centauri	4.24-4.37	M, G, K	1
2	M	Barnard's Star	5.96	M	
3	M	wolf 359	7.78	M	
4	M	Lalande 21185	8.24	M	
5	A, D	Sirius	8.58	A, D	
6	M, M	Luyten 726-8	8.73	M, M	
7	M	Ross 154	8.98	M	
8	M	Ross 248	10.52	M	
9	M	Epsilon Eridani	10.52	M	1
10	M	Lacaille 8760	10.74	M	
11	M	Ross 128	10.75	M	
12	M, M, M	61 Cygni	11.37	M, M, M	
13	F, D	Procyon	11.46	F, D	
14	K, K	41 Cygni	11.46	K, K	
15	M, M	Gliese 229B	11.53	M, M	
16	M, M	Gliese 581	11.62	M, M	
17	M, G, F	Epsilon Indi	11.82	M, G, F	
18	M	68 Cnc	11.83	M	
19	G	Tau Ceti	11.89	G	1
20	M	Gliese 1061	11.76	M	
21	M	HD 2018	11.76	M	
22	M	Luyten's Star	12.37	M	
23	M	Teegarden's Star	12.51	M	
24	M, F	Gliese 1849-6317	12.57	M, F	
25	M	Kruger 60	12.75	M	
26	M	Lacaille 8760	12.87	M	
27	M, M	Kruger 60	12.75	M, M	
28	M	DEN 1048-1914	12.77	M	
29	F	Gliese 8762	12.78	F	
30	M, M	Ross 614	12.78	M, M	
31	F	Gliese 1061-1062	12.79	F	
32	F	Gliese 1061-1063	12.79	F	
33	M	wolf 1061	12.82	M	
34	D	Van Maanen's Star	14.47	D	
35	M	Sirius B	12.04	M	

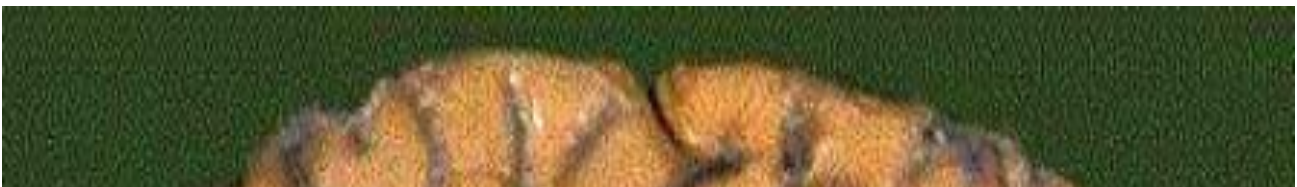
13	World 2014-2014	13-13	13
14	World 2014	14-14	14
15	World 2014-2014	15-15	15
16	China 1	16-16	16
17	World 2014	17-17	17, 18
18	World 2014	18-18	18
19	China 2014	19-19	19
20	World 2014	20-20	20
21	China 2014	21-21	21
22	China 2014	22-22	22, 23
23	China 2014	23-23	23
24	China 2014	24-24	24
25	World 2014	25-25	25
26	World 2014-2014	26-26	26
27	China 2014	27-27	27, 28
28	China 2014	28-28	28
29	China 2014	29-29	29
30	China 2014	30-30	30
31	China 2014	31-31	31
32	China 2014	32-32	32
33	China 2014	33-33	33
34	China 2014	34-34	34
35	China 2014	35-35	35
36	China 2014	36-36	36
37	China 2014	37-37	37, 38
38	China 2014	38-38	38
39	China 2014	39-39	39
40	China 2014	40-40	40
41	China 2014	41-41	41
42	China 2014	42-42	42
43	China 2014	43-43	43
44	China 2014	44-44	44
45	China 2014	45-45	45
46	China 2014	46-46	46
47	China 2014	47-47	47, 48
48	China 2014	48-48	48
49	China 2014	49-49	49
50	China 2014	50-50	50
51	China 2014	51-51	51
52	China 2014	52-52	52
53	China 2014	53-53	53
54	China 2014	54-54	54
55	China 2014	55-55	55
56	China 2014	56-56	56
57	China 2014	57-57	57
58	China 2014	58-58	58
59	China 2014	59-59	59
60	China 2014	60-60	60
61	China 2014	61-61	61
62	China 2014	62-62	62
63	China 2014	63-63	63
64	China 2014	64-64	64
65	China 2014	65-65	65
66	China 2014	66-66	66
67	China 2014	67-67	67
68	China 2014	68-68	68
69	China 2014	69-69	69
70	China 2014	70-70	70
71	China 2014	71-71	71
72	China 2014	72-72	72
73	China 2014	73-73	73
74	China 2014	74-74	74
75	China 2014	75-75	75
76	China 2014	76-76	76
77	China 2014	77-77	77
78	China 2014	78-78	78
79	China 2014	79-79	79
80	China 2014	80-80	80
81	China 2014	81-81	81
82	China 2014	82-82	82
83	China 2014	83-83	83
84	China 2014	84-84	84
85	China 2014	85-85	85
86	China 2014	86-86	86
87	China 2014	87-87	87
88	China 2014	88-88	88
89	China 2014	89-89	89
90	China 2014	90-90	90
91	China 2014	91-91	91
92	China 2014	92-92	92
93	China 2014	93-93	93
94	China 2014	94-94	94
95	China 2014	95-95	95
96	China 2014	96-96	96
97	China 2014	97-97	97
98	China 2014	98-98	98
99	China 2014	99-99	99
100	China 2014	100-100	100

\$52 Trillion from suppressing the Electric Windmill Car Era ended NASA's Super Shuttle Era and started the 4 Star Female Admirals mass murder via Poison Gas Exhaust + 100 kids left in hot cars!

7-13-14 15 Billion People on Earth is the case for or against... 4 MD Wives Coup D'Etat in a polygamous marriage, 90% of conversations are Brainstorming 1,001 iApps 24/7

7-13-14 15 Billion People on Earth is the case for or against... 100 kids left in HOT Cars to die this summer, no Navy Seals from the 4 Star Female Admiral or Bill + Melinda Gates!

15 Billion People on Earth is the case for or against... iApps that will help Dr. Katrina get 1,001 Super Brain Inventions she has never thought of... preinstalled on her MacBook Pro! Dr. Katrina touched a brain + her thoughts started a electrical storm that just grows + grows, to comprehending 777 Trillion Galaxies expanding into empty space at this moment! With her Brain and someone else Brain on her index finger making sparks in her Brain... triumphing victory over Caesar + the Pentagon! Now we just need an iApp to hear + see Aliens on the 52 nearest Stars witch are also preinstalled on her MacBook Pro with a Xeon CPU. heyday Intel would never do on its own!





Dr. Katrina touched a brain + her thoughts started a electrical storm. iApps on the Brain! Preinstalled on the MacBook Air + Pro.

7-13-14 15 Billion People on Earth is the case for or against...

7-13-14 15 Billion People on Earth is the case for or against...

7-13-14 15 Billion People on Earth is the case for or against... "The Case Against High-Speed Rail" by James Fallows The Atlantic Greg reinvented Disney Monorail for 15 Billion Passengers, its 2 rails 100 yards apart and the New Disney Car is 110 yards long and wide with many decks like a Carnival or Disney Magic Cruise Ship put on 2 monorails. iApps will help Inventors with 1,001 invention projects for each type of "Car!" Grin.

iApps will help Inventors with 1,001 invention projects for each type of "Car!" Grin.

7-13-14 15 Billion People on Earth is the case for or against... Super Air Bags on the "Outside!"

7-13-14 15 Billion People on Earth is the case for or against... Super Air Bags on the "Outside" of all cars and trucks was invented by Greg Buell Lovestar more than 10 years ago, Bush is a mass murderer suppressing this invention as million non fatal accidents would have profited from this... Parents 'Boiling With Anger' After Daughter's Death in GM Car... Four years ago this week, Ken and Beth Melton got the phone call no parent wants to get. Their 29-year-old daughter Brooke was in a Georgia hospital with a broken neck after her Chevrolet Cobalt had spun out of control and sent her into the path of another vehicle!

7-13-14 15 Billion People on Earth is the case for or against...

7-13-14 15 Billion People on Earth is the case for or against... LONDON - Secretary of State John Kerry stressed the possibility of bruising Western sanctions on Moscow over the impasse in Ukraine's Crimea region ahead of a key meeting with the Russia's foreign minister Sergei Lavrov on Friday. Kerry + Rich Wife 15 Billion People on Earth are not in their plans for Moscow or Heinz! iApps to reinvent the packaging for all Heinz products... etc

7-13-14 15 Billion People on Earth is the case for or against...

7-13-14 15 Billion People on Earth is the case for or against... Case for Boeing to put on the Front Page of the NY Times Helicopter Combines and iApps for Dr. Katrina and others to add to Boeing engineers designing Helicopter Combines, with and without the Heavy Lift Helicopters... Sacramento is branded as "America's Farm-to-Fork Capital," with its 1.5 million acres of farmland in the region and 7,000 farms. But this bounty could also make the area a ripe target for Helicopter Combines and iApps for Dr. Katrina and others to add to Boeing engineers designing Helicopter Combines!

7-13-14 15 Billion People on Earth is the case for or against...

7-13-14 15 Billion People on Earth is the case for or

7-13-14 15 Billion People on Earth is the case for or against... 1 Trillion NASA made cans of H @ -254 C can up clean up the Mississippi River and every river on Earth for the 15 Billion People who will be living on Earth soon.

7-13-14 15 Billion People on Earth is the case for or against...

7-13-14 15 Billion People on Earth is the case for or against... to use a megaphone in a police cars and your 1999 Electric Windmill Ford Escort car... to save her life. Statistics on how many SWF lives would be saved by megaphones were on all cars????

7-13-14 15 Billion People on Earth is the case for or against...

7-13-14 15 Billion People on Earth is the case for or against... \$\$\$ PRESIDENT Raul Castro says the Cuban Revolution would not have survived without Russia's economic support. Receiving his Russian counterpart Vladimir Putin for official talks at the Palace of the Revolution!

Electric Windmill Ford Escort Revolution \$\$\$

Raul Castro says the Cuban Revolution would not have survived without Russia's economic support.

Send cash or check to..... Greg Buell PO Box 214 Key West Fl 33041 NEW CELL # 305 340 8082 Call Greg to Invent Something! ...Next Revolution will be won by MD women!

7-13-14 15 Billion People on Earth is the case for or against...

7-13-14 15 Billion People on Earth is the case for or against... Electric Windmill Ford Escort Revolution \$\$\$

7-13-14 15 Billion People on Earth is the case for or against...

7-13-14 15 Billion People on Earth is the case for or against... Cop shot to death at gas station armed robberies have never been Reported by the NY Times on orders from George Orwell II who leaves 100 kids to die in not cars ever summer since 1980 and is a cop killer in "1984 II" Mary B. will produce and direct this movie after the coup. "Jersey City police officer killed at Walareens in line of duty" New York

summer since 1980 and is a cop killer in "1984 II" Mary B. will produce and direct this movie after the coup. "Jersey City police officer killed at Walgreens in line of duty" New York Daily News - ?JERSEY CITY, N.J. - A 23-year-old Jersey City police officer was fatally shot while responding to an armed robbery at a 24-hour drug store early Sunday.

7-13-14 15 Billion People on Earth is the case for or against...

7-13-14 15 Billion People on Earth is the case for or against... 85% of SWF's Murdered every year are by Drunk Men! George Orwell II knows this and doesn't save 1 SWF from being Murdered. Why? I think all the "Observers" thought the same word I just did... Psychotic killer!

7-13-14 15 Billion People on Earth is the case for or against...

7-13-14 15 Billion People on Earth is the case for or against... Pope Francis set his course in \$4 gas and it has led the Vatican to 100 kids left in hot cars to die. God will send Pope Francis to Hell for more than 4 trillion years! Pope News at the Boston Globe Today is... "On sex and money, Pope Francis sets his course" John L. Allen Jr. 100 kids left in hot cars to die, Greg Buell Lovestar will confront Pope Francis about these deaths he as Pope could have prevented. Wow!!

7-13-14 15 Billion People on Earth is the case for or against...

7-13-14 15 Billion People on Earth is the case for or against... GE building gasoline jet engines when they should be obsolete stifles the "Gravity Engine" for 15 Billion who will out grow the Electric Windmill 747 jet engines and the -254 C liquid H Jet Engines.

7-13-14 15 Billion People on Earth is the case for or against...

7-13-14 15 Billion People on Earth is the case for or against... 15 Billion People will pay \$ Trillions \$ on mosquito control programs. I hope someone is going to write an iApp for this invention or discover to eradicate mosquitos... Grand Forks spends roughly \$840000 a year on mosquito control program Grand Forks Herald - The trucks spraying a mist as they slowly drive through Grand Forks aren't the city's only method for keeping mosquitoes at bay.

7-13-14 15 Billion People on Earth is the case for or against

7-13-14 15 Billion People on Earth is the case for or against...

7-13-14 15 Billion People on Earth is the case for or against... eradicate every virus that plagues Humanity, like inventing the vaccine that protects against all bacteria, Navy spent this much money on JFK Super Carriers... this is sick and 15 Billion people will put this in Navy Text Books! Grin!

7-13-14 15 Billion People on Earth is the case for or against...

7-13-14 15 Billion People on Earth is the case for or against...

7-13-14 15 Billion People on Earth is the case for or against...

MD Driven...





MD Driven...

7-12-14 Nuclear weapons stockpile, WHO will play a vital role? "Detroit's trash incinerator has folks raising a stink because all the MIT grads are working on the Nuclear Weapons Stockpile losing the non military a "Trash + Toilet Incinerator!"

7-12-14 \$2,984 Intel Xeon 12 Core CPU... nuclear weapons stockpile, WHO will play a vital role? ... North Korea will be Nuked in 2015!

7-12-14 Nuclear weapons stockpile, WHO will play a vital role? Hiroshima... No the Elite Leaders in Japan just made the news. They will send their Japanese Army to any combat area the UN wants. So now there is no Nation on Earth that will not send their Army to a Combat Area! Kerry + McCain gave these Elite Leaders kickbacks from the \$777 Trillion in \$4 gas revenues!

7-12-14 Nuclear weapons... North Korea will be Nuked in 2015!

7-12-14 Nuclear weapons stockpile, WHO will play a vital role? Navy built a fleet of 100 JFK Super Carriers from its Kickback from "Poison Gasoline Exhaust" Holocaust II Admirals kids will get Childhood Leukemia... Sick Mom + Dad! Admirals will leave a kid in a hot car to die this Summer! Wow What the Hell happened to Admirals who navigated by the stars?

7-12-14 Nuclear weapons... South Korea will be Nuked in 2015!

7-12-14 \$2,984 Intel Xeon 12 Core CPU... nuclear weapons stockpile, WHO will play a vital role? WHO? "Poison Gasoline Exhaust" Holocaust II

7-12-14 \$2,984 Intel Xeon 12 Core CPU... \$2,984 for one CPU for the MacBook Air or MacBook Pro...

7-12-14 \$2,984 Intel Xeon 12 Core CPU... \$2,984 Los Alamos next computer will be a CRAY with 30K of these Intel Xeon 12

7-12-14 \$2,984 Intel Xeon 12 Core CPU... \$2,984 Los Alamos next computer will be a CRAY with 30K of these Intel Xeon 12 Core CPU @ \$2,984 each. Built for nuclear weapons stockpile, WHO will play a vital role? WHO?

7-12-14 Nuclear weapons... North Korea will be Nuked in 2015!

7-12-14 Nuclear weapons stockpile, WHO will play a vital role? "Detroit's trash incinerator has folks raising a stink because all the MIT grads are working on the Nuclear Weapons Stockpile losing the non military a "Trash + Toilet Incinerator!"

7-12-14 Nuclear weapons stockpile, WHO will play a vital role? "Should All Gay Men Take HIV Prevention Drugs?" The Atlantic Staff. Allah in Pakistan for now have nukes for this purpose no matter how many \$ Billions the CIA gives the Elite Leaders, Other Allah Nations are working 24/7 to build the A-Bomb today for the same 72 Virgins in Heaven. And they will use Nukes against the USA as they want 72 virgin women in Heaven not Men! Should All Gay Men Take HIV... All men you call on your iPhone 7s will cause a menu of STD's to pop up if they are infected with any. If you call George Orwell II a pop up on your iPhone 7s will flash Syphilis on the brain and a pedophile! How to spot a Dangerous man, this is the way of... 4 MD Wives Coup D'Etat. Successful Coup and George Orwell II MD will Start Star Travels too!

7-12-14 Nuclear weapons stockpile, WHO will play a vital role? 4 MD Wives Coup D'Etat "A Four-Star Female Admiral Makes History for the Navy" By ELENA SCHNEIDER NY Times. 19K women will be murdered in 2014, many by drunk troops. 4 MD Women with A Four-Star Rank will cut these dead women deaths to zero in one year in a successful coup on George Orwell II via iApps + Greg + Wives Inventing 24/7. The Lobotomy gas in the air or water, Hell if it works put it in the water Dr. Nancy would say!

7-12-14 Nuclear weapons... 9-year-old Kansas girl dies after contracting brain-eating amoeba... Killed Murdered just like the 100 kids left in hot cars in the Summer of 2014... 9 year old girl murdered by a female Admiral Now! "A Four-Star Female Admiral Makes History for the Navy" 100 kids to die in hot cars do not make the Front Page of the NY Times because the Pentagon will not allow it.

7-12-14 Nuclear weapons stockpile, WHO will play a vital role? "supermoon." The moon will be at the closest point in its

7-12-14 Nuclear weapons stockpile, WHO will play a vital role?"supermoon." The moon will be at the closest point in its orbit

7-12-14 Nuclear weapons stockpile, WHO will play a vital role?

7-12-14 Nuclear weapons stockpile, WHO will play a vital role?

7-12-14 Nuclear weapons... North Korea will be Nuked in 2015!

7-12-14 Nuclear weapons stockpile, WHO will play a vital role?

7-12-14 Nuclear weapons stockpile, WHO will play a vital role?

7-12-14 Nuclear weapons stockpile, WHO will play a vital role?

7-12-14 Nuclear weapons... South Korea will be Nuked in 2015!

7-12-14 Nuclear weapons stockpile, WHO will play a vital role? Brains Inventor! Read this... Medical Xpress) —Once the brain has fully developed, its neurons and astrocytes remain relatively fixed. There are a few select migratory streams that replenish vulnerable populations with dedicated stem cell recruits, but by and large the status quo holds sway. The microglial cell (MG) is an exceptional creature that doesn't play by these rules. Born in the foreign lands of the early embryo's yolk sac, MGs migrate into the developing neural tube through the primitive bloodstream and never quite settle down. Just what it is these special license wild rovers get up to in the brain is the subject of a comprehensive new review in the Journal Cell.

When freed 1,001 Invention Projects on a CD and my web page

Authors Michael Salter and Simon Beggs from the University of Toronto make it clear in their paper that MGs do much more than just create inflammation in response to invaders. More often than not, their awesome powers of mobility are turned inward to police the brain's own cells. While calling a synapse "inappropriate" makes about as much sense as calling a child illegitimate, some synapses would appear to be a little too much. It is now well established that MGs play an essential role in cutting back not just synapses, but whole branches of neurites. The question is not just how they do

be a little too much. It is now well established that MGs play an essential role in cutting back not just synapses, but whole branches of neurites. The question is not just how they do this, but also how do they know they should do it?

When freed 1,001 Invention Projects on a CD and my web page

Perhaps the best way to understand how the "immune cells" of the brain work is to take a look at their kindred spirits in other organ systems. As an immuno-privileged organ, many of mechanisms used in the body to fight invaders don't need to operate to full capacity in the brain. However that's not to say they are absent. The tireless chronicler of individual cell intelligence Jon Lief observes there are actually many immune cells that make regular transits through the cerebral spinal fluid including B and T lymphocytes, macrophages, mast cells, and dendritic cells.

When freed 1,001 Invention Projects on a CD and my web page

We usually think of neurons as the "smart" cells of the body. Yet compared to the macrophages or T cells which patrol the entire body, neurons don't outwardly appear to do all that much. Within each organ, there is a resident population of macrophages that take on a unique form suited to the local needs: The hostile environment of the alveolar macrophage, for example, places huge phagocytic demands on the cell as it maintains the border between body and air. The osteoclasts of bone are the mechanical engineers of the body who sense macroscopic forces from worlds beyond and sculpt the calcium clay indiscriminately slopped by osteocytes that have entombed themselves within their individual caniculi.

When freed 1,001 Invention Projects on a CD and my web page

Likewise, the liver has its own unique Kupffer cells, the placenta its Hofbauer cell, and so on till your hearts content. Calling MG cells the macrophages of the brain would imply to some that all they do is clean up. However as once-opaque developmental mysteries continue to give up their secrets we see that macrophage-like cells are more like commanders than pawns. These great revisionists do everything from regenerate the of limbs of Salamanders to melt the webbing between finger and toes.

When freed 1,001 Invention Projects on a CD and my web page

Perhaps the most definitive, and intriguing role of MG is their critical part in the segregation of inputs from the eyes within the visual system. Classical compliment cascade proteins (like C1q and C3) are repurposed from the immune

within the visual system. Classical complement cascade proteins (like C1q and C3) are repurposed from the immune system to "opsonize" (from Greek, prepare for eating) or tag exuberant synapses for elimination. In the vertebrate immune system these innate proteins help or "complement" the more adaptive T cell antibody systems. To further expand the scope of what is possible in all things cellular, we might consider here some of the more rarefied superpowers that T cells possess.

When freed 1,001 Invention Projects on a CD and my web page

Like MGs, T cells are in constant communication with more social partners than a teenager on Instagram. Yet through all this they persist like a lone wolf, seeming to act primarily for numero-uno as they administer their own territory. Rather than needing to idle away as neurons do in endless volleys of spike trains, T cells can make rapid metabolic adjustments for bursts of activity when needed. They are also able to continually optimize antibody interactions through hypermutation. This ability to self-edit their own DNA to make diversify receptors through in-situ recombination is virtually unparalleled elsewhere in nature. The closest thing to it we might imagine for the brain might be the tiling of the full unknowable receptor space in the olfactory system. Only here every single odorant receptor gets translating from its own specific gene.

When freed 1,001 Invention Projects on a CD and my web page

We know from the anatomical and molecular studies of the visual system, that once in, MGs get their hands into everything. In the LGN, the part of the thalamus where inputs from the retina round, processes from MG cells coat both pre and post synaptic elements. If things here want to move, it seems they need to go through the MGs. For the incoming optic nerve, this is all part of the circle of life as peripheral myelinating Schwann cells yield more centrally to the CNS-ensheathing oligodendrocytes, which yield ultimately to the synaptic MG engulferers. That is not to say that MGs are entirely synapse-oriented—their initial discoverer and namer, Pío del Río Hortega, found them spanning the corpus callosum.

When freed 1,001 Invention Projects on a CD and my web page

For us, the most important general concern may be exchanges between brain and body. The migration of MG into the brain (and for that matter perhaps out as well) is shut down when the blood brain barrier forms early in development. None-the-less immune cells, stem cells, and just

shut down when the blood brain barrier forms early in development. None-the-less immune cells, stem cells, and just about anything else can find its way in when things get compromised. Stories of mom's with Y chromosomes in their brains from the boys they previously carried, or stem cells injected into the blood that fuse to the nearest partner once in the brain abound. These things are not mere anomalies in the potluck of genetic recombination but are rather par for the course of life.

When freed 1,001 Invention Projects on a CD and my web page

The review paper mentions the recent discovery and classification of sub-populations of Mg-like cells. Extensive transcriptome analysis of all the proteins expressed by these cells has provided a rigorous way, at least in theory, to categorize them as they pertain to diseases. Hoxb8-expressing cells, which represent about 15% of the CD11b+ MG cells in general population are believed to be ontogenically distinct from the yolk cell population. That suggests that they might come in later from elsewhere. Understanding what controls the ability of these cells to gain access to the brain, and move about it will be critical to further understanding their function.

When freed 1,001 Invention Projects on a CD and my web page

7-12-14 Nuclear weapons stockpile, WHO will play a vital role?

7-12-14 Nuclear weapons... North Korea will be Nuked in 2015!

When freed 1,001 Invention Projects on a CD and my web page

iApps will help Dr. Katrina get 1,001 Super Brain Inventions she has never thought of... Dr. Katrina touched a brain + her thoughts started a electrical storm that just grows, like comprehending 777 Trillion Galaxies expanding into empty space at this moment!

From <<http://www.electricwindmillcar.com/>>