

5-23-2006

Avion 2006-05-23

Embry-Riddle Aeronautical University

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The class of 2006 walks into their future



ZACH MAHONEY/AVION

KEVIN PEARSON RECEIVING HIS bachelor's degree in Aircraft Engineering Technology May 6. This year's graduation was split into two ceremonies: a morning ceremony for the College of Aviation and an afternoon ceremony for the Colleges of Engineering, Business and Arts and Sciences. Pearson served as 2006 Senior Class Council Vice Presi-

Student killed in car accident

Jonathan Mettin
News Editor

John Nathan Timmes, a sophomore studying Air Traffic Control Management, died on May 13 from injuries sustained during an automobile accident. He was 20.

His roommate and high school friend Patrick Hughes was also involved in the crash. Hughes, also 20, survived the collision.

Timmes was taken to Orlando Regional Medical Center following the accident, which took place in Winter Park. He lived through the night but died the next morning.

Timmes graduated from Bishop Moore Catholic High School in 2004, where he started a flight club before earning his private pilot's license at 17. He was also a skydiver, an Eagle Scout and an avid paintball player. He also scuba dived and raced motorcycles.

Considering the Navy SEALs as a career, Timmes also followed a rigorous exercise regimen that included yoga and running.

"He just very much wanted to make the best of himself," his mother Mary told *The Orlando Sentinel*. "A lot of people say he lived more in his 20 years than a lot of people did in a lifetime."

Timmes is the latest in a string of student deaths at Embry-Riddle. Three students from the Daytona Beach campus have passed away in 2006, including Timmes, Robert Lockhart and Craig Brooks. Prescott campus has also lost three current ERAU students this year, two of them in the same accident.

Hughes' condition remains unknown. A representative for Orlando Regional Healthcare

was unable to locate any information on Hughes. Inquiries by *The Avion* about the accident were not promptly answered by the Florida Highway Patrol.

Timmes was laid to rest on May 17 after services at St. Margaret Mary Church in Winter Park. He is survived by brother Stephen Timmes and sister Kateri Timmes; his parents, Mary and John Timmes; and his grandparents, Edward and Shirley Burke and Miriam Timmes.



PHOTO COURTESY TIMMES FAMILY

JOHN NATHAN TIMMES
February 2, 1986 — May 13, 2006.

Flight Department installs first glass cockpit simulators

Brian Case
Editor-in-Chief

Major changes are in order for the University fleet of aircraft. Next month, four new Cessna 172SPs will arrive, outfitted with Garmin G1000 glass cockpit displays, with 12 more expected before fall classes begin. The first step in transitioning the fleet is the installation of G1000 units in three of the existing seven Cessna simulators.

The first G1000 was up and running in April, according to Flight Department Chairman Frank Ayers. For the last three weeks, the Advanced Flight Simulation Center has installed the remaining two G1000 units, and the new installations were tested for bugs.

"The focus has always been quality," Raul Rumbaut, Manager of the Advanced Flight Simulation Center, said.

The new installations are off-the-shelf G1000 units, with all the functions you would expect to find in flight. Rumbaut expects FAA qualification for the new

installations in June. The simulator systems, manufactured by Frasca International, are qualified by the FAA to level 6, the highest possible standard for a non-motion flight training device.

According to Rumbaut, there will be no difference in the cost charged to students for flying a G1000 simulator over a conventional panel simulator.

As soon as the systems are ready, standardization training will begin for flight instructors. According to Rumbaut, standardization will begin this week. Students should expect to fly a mix of glass cockpit and conventional cockpit flights in their course.

The flight simulation center is working on several other projects to improve the quality of University flight training. Each of the three G1000 simulators will be outfitted with digital projectors four times as bright as the old simulators. The visual database will be updated with more detail, increasing resolution by 200 percent. The result of the combined brighter system and enhanced database will be a sense of an improved realism for visual flight training.

Flight Team places 6th

National title goes to UND; ERAU Prescott takes second

Spencer Conklin
Staff Reporter

The Daytona Beach Flight Team has just returned from competing nationally against the best twenty 28 in the country in ten separate competitions. The Flight Team more than doubled their score from last year, coming in sixth place in a tie with Purdue University and Ohio State University. The University of North Dakota came in first place nationally followed by the Prescott Embry Riddle Flight Team in second place.

Having finally become a team this year instead of a club, the transition in the past

year from a more relaxed training atmosphere to a structured one has been difficult, but the benefits for the team itself have already paid off in the scores alone. With only ninety-six points earned in 2005, the team came out with 197 points this year, a 101 point increase in only one year. This took them from a previous tenth place to their current sixth.

Starting with eight days of intense practice at Ohio State University, where the competitions were held, the team held practice flight events every day and during the evenings the practice ground events were held. In that time almost 170 hours were put on the aircraft used by the Flight Team for competition just in their last minute practices. The weather for the events was perfect until the day of the competition, when bad weather rolled in.

The weather forced the flight events to be shortened, which hurt the team. Instead of the usual three landings, where only two count, only two landings at all were allowed and both counted. This hurt some of the team members that were in those events and

Please see "FLIGHT" page A2

Final Scores

2006 National Intercollegiate Flying Association total points:

- 1) The University of North Dakota
366 Points
 - 2) ERAU - Prescott
336 Points
 - 3) Western Michigan University
277 Points
 - 4) U.S. Air Force Academy
212 Points
 - 5) Southern Illinois University
98 Points
 - 6) ERAU - Daytona
197 Points
- The Ohio State University
197 Points
Purdue University
197 Points

Source: nifa.us



BRIAN CASE/AVION

THE GARMIN G1000 INSTALLED in the Advanced Flight Simulation Center. Three Cessna simulators have been installed with the new system, which will be included in 16 new Cessna 172s arriving this summer.

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Students win NASA satellite competition

Campus News, A2

Baseball advances to NAIA World Series

Campus News, A2



Shuttle Shuttle Discovery rolls out to launch complex

Space Technology, A5

THE AVION

By students, for students.

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EP team wins design competition

Anthony Vareha

Special to *The Avion*

An Engineering Physics senior design project team from Embry-Riddle Aeronautical University recently won the balance of a \$10,000 grant as a part of the second annual Florida University SATellite (FUNSAT) Satellite Design Competition. This competition, hosted by the Florida Space Grant Consortium, challenges student teams from across Florida to submit a design for a real-life 10 centimeter "CubeSat" which is to be built, tested, and eventually launched.

The 2005/2006 competition had Embry-Riddle competing against teams from the University of Central Florida, the Florida Institute of Technology, and the University of Florida. These four teams completed "Phase I" of the competition by December of 2005, with each team receiving up to \$2500 for further study. Embry-Riddle teams have won the competition, and the full \$10,000 grant, both this year and last.

Designs were judged by aerospace professionals on their innovation, creativity, technical merit, and feasibility, along with the quality of a presentation given by the team at an end-of-competition workshop held at Kennedy Space Center.

This year's Embry-Riddle project, titled TEMP (Thermoelectric Energy Managing Picosatellite), is a multi-functional orbital laboratory designed to investigate the possibilities of using solar heat to generate power via Thermoelectric Generators. TEMP also includes a revolutionary

active attitude control system which, if successfully tested on-orbit, will represent a never-before-achieved advancement in "picosatellite" design. Team members designed every aspect of the mission, using the knowledge gained through the Engineering Physics core curriculum, combined with faculty and electronic resources.

TEMP's team members were E.P. undergraduates Bridget Brown, Japheth Saecker, Mike Tencza,

Anthony Vareha, and Mechanical Engineering undergraduate student Richard Walther. Their faculty advisor was Dr. Irfan Azeem, an associate professor of Engineering Physics in Embry-Riddle's Physical Sciences Department.

"Trying to fit all of the components needed to successfully operate a satellite into a volume no bigger than your fist is an amazing challenge," team leader Anthony Vareha said. "After two semesters of tireless

effort, dedication, and innovation, Team TEMP submitted a satellite design that was practical, inexpensive, and scientifically beneficial."

Armed with an approved design and funding, Team TEMP will work with Embry-Riddle's on-campus Satellite Development Group over the coming semesters to construct and test the flight model of the satellite. This will take place in anticipation of a launch into low Earth orbit no earlier than 2007.



PHOTO COURTESY ANTHONY VAREHA

TEAM TEMP FROM LEFT to right: Japheth Saecker, Richard Walther, Bridget Brown, Michael Tencza and Anthony Vareha. Also featured is the model of the satellite frame (held by Bridget Brown) that the team fabricated out of aluminum.

Eagles play in NAIA World Series

Jonathan Mettin

News Editor

Eagles baseball mounted a come-from-behind victory in the Atlantic South Super Regional last week to earn an automatic berth in the NAIA World Series in Lewiston, Idaho.

After dropping the first game of the series to the Region XIII-champion Auburn-Montgomery Senators 9-2, the Eagles won game two 7-3, forcing a game three where they overcame a 3-0 deficit to win 8-6.

The Eagles are currently ranked second in the nation behind Lewis-Clark State. Auburn-Montgomery is third, with British Columbia and Cumberland wrapping up the top five. Last year, Embry-Riddle made it all the way to the NAIA championship game before falling to Lewis-Clark.

The week before, the Eagles won the Region XIV crown with a 10-3 victory over Warner Southern, the only other FSC team who is nationally ranked. The Royals are eleventh in the national standings. The Eagles also faced Webber International and Savannah College of Art & Design in the regional playoffs, defeating them 4-3 and 10-1, respectively.

Game one of the super regional series saw the Senators take the lead in the top of the first and never look back, blasting 16 hits off of ERAU pitchers on their way to an easy 9-2 victory. Auburn-Montgomery was lead offensively by a 4-for-5 performance from right fielder Cortez Pearson and a 3-for-4 day from second baseman Junior Kelley. Both logged 2 RBI on the day, as did catcher Britt Clayton. Five of the 16 hits were for extra bases. Scott Mularez notched the win, while Mark Presnell recorded the save.

On the Eagle side, Shawn Williams absorbed the loss, giving up nine runs (seven earned) in 7.2 innings of work, striking out five and walking one. Right fielder Derrick Pyles went 2-for-4 with a triple, and shortstop Michael Brady went 2-for-3 with an RBI.

The Eagles picked up the bats in game two, smashing out 13 hits on their way to a 7-3 victory. Five ERAU hitters had multiple hits on the day, and pitcher Brian Letko, who came

into the game in the fourth inning, logged the win to improve to 15-1 and set a new single-season win record for Embry-Riddle. The Eagles hit five extra-base hits, including a triple by designated hitter Josh Smith.

Pearson hit a home run, but otherwise Eagle pitchers silenced his bat, holding him to a 1-for-5 performance. Kelley went 4-for-5 and shortstop Matthew Keel went 3-for-5. Justin Barrett recorded the loss, giving up four runs (three earned) in one inning of work.

The Senators dropped three runs on the Eagles early in the decisive game three, taking a lead into the bottom of the fourth. Facing elimination, the Eagles plated five runs in three innings, thanks in part to a two-run rally with two outs in the fourth, which saw Smith and third baseman Victor Roldan smack doubles into the outfield.

Auburn-Montgomery roared back

in the seventh, and with two runners on base the Eagles gave up two doubles in a row to give the Senators a 6-5 lead. Embry-Riddle answered in the bottom half of the inning, burning three ERAU pitchers for four hits and three runs.

Josh Smith went from designated hitter to pitcher in the seventh and notched the win to improve to 8-1, giving up one run in 2.1 innings. Letko came into the game in the ninth to get the save. The three ERAU pitchers – starter David Timm, Smith and Letko – did not walk a single batter and combined for seven strikeouts. Timmy Morgan suffered the loss for the Senators.

The Eagles now travel to the campus of Lewis-Clark State College to take part in the NAIA World Series, which runs from May 26 until June 2. The ten qualifying teams have are: Lewis-Clark, ERAU, Auburn-Montgomery, British Columbia, Cumberland,

Lubbock Christian, Concordia, Seton Hill, St. Xavier and Bellevue.

The super regional playoffs serve as a way to slim the Series from the fourteen regional champions to ten contenders by playing the regional champions against each other. The winners of each super regional receives a berth, and two slots remain free for at-large bids among those that did not win the super regionals. This year Auburn-Montgomery and Concordia are the at-large contenders. Concordia won the Region II crown but lost to British Columbia in the West Coast Super Regional. Concordia is ranked seventh in the national poll.

Lewis-Clark, as host of the World Series, received an automatic berth.

Embry-Riddle, the top seed in the tournament, earned a first-round bye and will play the winner of the Concordia-Seton Hill game on May 27. For a complete bracket, visit <http://www.naia.org>.



JONATHAN METTIN/AVION

JOSH SMITH IS CONGRATULATED by his teammates after hitting a triple in game two of the Atlantic South Super Regional. After losing the first game, the Eagles came back to win the series.

Flight team doubles 2005 total points

"FLIGHT" from Front

the Flight Team ended up in tenth place with a total score of 85 points for flight events.

Ground events were the shining glory for the team, with Eric Speckman coming in first place for two events, scoring the team twenty points for each event. The first was the IFR Simulated flight and the Ground Trainer. The scoring system works by the more points you have the worse you have done. Speckman collected a mere 343 points, with the third place competitor from LeTourneau University having a score of 4150, which shows an almost shocking difference in point levels.

The entire event had many important ERAU personalities show up to give their support of the team, including Dr. Connolly, Frank Ayers, and

Ivan Grau. The change from club to team means that the Flight Team no longer needs to fundraise and now they can focus solely on improving their scores. Organization this year has been a key during the transition phase and the intensity of training has gone up dramatically. This year the team spirit has never been so strong with each member believing they could win this one.

Although some flight team members seemed slightly disappointed by coming in sixth place instead of first, they are more than thrilled by the over doubling of their scores. This only has increased the determination of the team to work harder for next year. Dave Zweggers, head coach for the flight team, summed up the attitude of how most members seemed to feel, "We'll be more than prepared for next year."



PHOTO COURTESY EAGLES FLIGHT TEAM

PICTURED HERE ARE PLANES from both the Prescott and Daytona Beach campuses that were flown in the competition.

Religious debate continues into the summer

Two Muslims and a post-modernist

A defense of Mr. Bagby is acceptable only because he tells exactly what the Bible says. Last week, three persons attempted to beleaguer a professor, paint Christians as intolerant, and defame the "edited" scriptures of the Bible; in the end it is Jesus Christ who you must reject as the Truth.

I can respond to all the arguments presented by Sola Scriptura, "Scripture Alone." This is because the Bible, inspired by the Holy Spirit, used 40 authors, penned 66 books, and prophecies to absolutely validate the claims made by it. This cannot be done with any other "holy book" because inconsistency abounds. Jesus Christ fulfilled all the prophecies made about him in the Septuagint version of the Old Testament which was completed around 270 BC.

Jesus, not Mr. Bagby, said "You shall know the Truth, and the Truth will set you free" (John 8:32). He also said "I am the way, the truth, and the life: no man cometh unto the Father, but by me" (John 14:6). Hmmm? That sounds fairly

intolerant to the atheists, post-modernists, and the Muslims. Of course the latter does not believe in those parts of the Bible that disagree with Mohammed's Koran.

It seems that Jesus indeed taught the road was narrow and in the same breath warned about false prophets who would distort his plain teachings. "Because narrow is the gate and difficult is the way which leads to life, and there are few who find it. Beware of false prophets, who come to you in sheep's clothing but inwardly they are ravenous wolves" (Matthew 7:14-15).

In the Koran specifically, it appears to discerning readers that Mohammed did not "test the spirits, whether they are of God; because many false prophets have gone out into the world" (1 John 4:1). He purportedly saw the angel Gabriel who gave him progressive messages that changed over time as Allah changed his mind (Koran 2:106). Christians are again cautioned against even angelic visions that differ with the clarity of the gospel. "There are some who trouble you and want

to pervert the gospel of Christ. But even if we, or an angel from heaven, preach any other gospel to you than what we have preached to you, let him be accursed" (Galatians 1:7-8).

When Mohammed tells of a different Jesus Christ than the Bible says he was, namely God incarnate, and His son (hypostatic union), the Bible speaks plainly of his revelations' origin. "For such are false apostles... And no wonder! For Satan himself transforms himself into an angel of light. Therefore it is no great thing if his ministers also transform themselves into ministers of righteousness..." (2 Corinthians 11:13-15).

When it comes to distorting the Word of God, both Old and New Testaments, it is Mohammed who edited those 66 books which were

already in circulation giving birth to his new hybrid religion. Remember, the devil quoted scripture to Jesus, but out of context (Luke 4:1-13).

The last word is not in the political correctness of some westernized Muslims, or the babblings of atheistic professors who tell us to put away those musty books and hold hands. If we objectively compare Jesus Christ and Mohammed we will find that they differed more than they agreed. Perhaps they would be seen as intolerant of each other.

The verse of the sword is a rallying cry for believing Muslims to slay the infidel. According to most Muslim authorities, this verse cancels no fewer than 124 more peaceful and tolerant verses of the Koran (Arabi, 69). "Then, when the sacred months have passed, slay the idolaters wherever ye find them, and take them (captive), and

besiege them, and prepare for them each ambush. But if they repent and establish worship and pay the poor-due, then leave their way free. Lo! Allah is Forgiving, Merciful." (Koran 9:5).

This is not an isolated, out of context teaching. In the historical life of Mohammed, you see war campaigns starting after his rejection at Mecca; continuing even today. Some other texts about Jihad are Koran 9:73/4:76/9:19-29/47:4 to name a few. Sharia law follows making non-Muslims pay a tax, forbidding them to worship freely, and subjecting women to grievous pains.

Jesus lived and dealt differently with roles in war. His "sword" verse teaches clearly about the dividing nature of his teachings and person. "Think not that I came to bring peace on earth: I did not come to bring peace, but a sword. For I have come to set a man at variance against his father, and the daughter against her mother, and the daughter-in-law against her mother-in-law. Man's enemies will be those of their own household" (Matthew 10:34-37).

In the historical context, again,

we have never seen children rising and killing their parents. The Bible says this would be the effect of God's Word; "For the word of God is living and powerful, and sharper than any two-edged sword, piercing even to the division of soul and spirit, and of joints and marrow, and is a discerner of the thoughts and intents of the heart" (Hebrews 4:12). We believe its truth is not malleable and changing due to the circumstances and dispensation of time.

In conclusion, many have professed religious beliefs while committing heinous acts. The standard of measure, though, has to be the system of belief and its core teachings. I would only repeat what Professor Bagby said of a biblical quote "Do you suppose that these Galatians were worse sinners than all other Galatians, because they suffered such things? I tell you, no; but unless you repent you will all likewise perish" (Luke 13:2-3). "If you confess with your mouth the Lord Jesus and believe in your heart that God has raised Him from the dead, you will be saved" (Romans 10:9).

~Daniel Hofle

“... many have professed religious beliefs while committing heinous acts.”
- DANIEL HOFLE

Tolerance and religion

Mr. Wanliss, I do not think that Dick Bagby is terrible nor do I think that he is naïve. I do not know Mr. Bagby and so could not possibly make sweeping judgments about Mr. Bagby. My comments were directed to the argument that Mr. Bagby offered in his letter, in which he suggests that our culture is tolerant as a consequence of Christianity. I did not blame "religion" for wars; I merely pointed out that the Christian religion does not have a good track-record for inspiring tolerance and that, by implication, something else must be responsible for the freedom of speech and of religion in this cul-

ture. I also said that a call to war is easier to accommodate by the use of religious metaphor. That assertion cuts across Hitler's use of "divine providence" and of "divinely urged mission" to the exhortations of sundry totalitarian regimes that you alluded to also. If you wish to know about my personal political and religious affiliations, I suggest that you at least give me the courtesy of asking before leaping to conclusions. Giving the manner in which you twist words and attack persons, I am certain however that the influences you claim as ennobling ones are not clearly having such a beneficial impact on all

“... the Christian religion does not have a good track record ...”
- REINHOLD SCHLIEPER

persons indiscriminately.

You do not address the fact that the Boy Scouts is a prejudiced outfit by excluding gays and atheists, that character assassination is part and parcel of the argumentation of believers, and that public prayer—having been interdicted by Jesus of Nazareth—is inappropriate in a setting that supposedly values diversity. Can I fairly conclude that you have no objections here? In that case, I suspect that my conclusion stands: Tolerance does not come from religious roots. In fact, I cannot help feel that the tone of your essay and your rejection of "some secular mishmash about diversity" is very much anathema to the kind of world so many of us are trying to usher in, a world where indeed all religious factions can evolve enough kindness to get along and to engage in open and non-malicious dialog in the free marketplace of ideas—where you may be a vendor but neither executioner nor pontiff.

~Reinhold Schlieper

The Avion: here for you

Recently, the newspaper was called into question by a letter to the editor, written by Jason Schuessler in the last issue of the spring semester. The letter claimed that *The Avion* is not important and does nothing for the students. While he also called my personal integrity into question, I would like to answer the questions he asked and correct the errors in his argument rather than descend into petty name-calling.

He asked how *The Avion* benefits students besides giving them news, and then asserts that is all it does. *The Avion* was founded as an open forum for student expression, giving students the ability to voice any opinions they have to the entire community, as he did in the last edition. *The Avion* also dedicates space for clubs to give updates and to promote themselves, helping them give students something to do in their free time.

He also asked how the paper is lowering our tuition. While *The Avion* has no direct say in what tuition is or will be, it has repeatedly reported on the issue. In fact, during the 2003-2004 academic year, *The Avion* reported that the University was planning to raise tuition 4.8 percent in 2004-2005. Backed by the outrage among students (fueled in part by the article), then-SGA President Matt Collier went to the Board and helped lower the tuition hike to 4 percent, saving each student hundreds of dollars.

Also during the same year, *The Avion* informed students that the financial aid firm Sallie Mae was leaving ERAU, unbeknownst to stu-

dents, removing \$9.7 million in aid. Armed with that knowledge, students were able to make financial plans before Nelnet, the new provider, agreed to pick up the slack left by Sallie Mae.

The paper has also railed former University President Dr. George Ebbs on the CAPT Program, which posted a \$3 million loss last year (As a side note, Ebbs was quoted as saying the loss was not exceeding "a few hundred thousand dollars." The program has since been cancelled by President Johnson.). *The Avion* also exposed that the University was misleading the faculty with regard to their salaries last year, claiming they were making more than they did when compared to the national average.

Mr. Schuessler also asked what the newspaper did with regard to the student vote on the Board of Trustees. Mr. Schuessler may not recall that *The Avion* broke the story about the student vote possibly being removed in summer 2005, before most SGA members knew that it was even an issue. The paper continued to cover the issue and keep students informed, and the SGA used *The Avion* as a means to communicate the issue to students, albeit a bit late: the "Voice & Vote" campaign was organized days before the vote, even though the SGA had several months' warning.

Mr. Schuessler also said that I want a tuition voucher and that I am bitter that I do not have one. This is not the case. I am actually glad the newspaper is not on the University's payroll because I believe that would violate our integrity as an unbiased source of

information and medium for expression. I was merely pointing out that the *volunteer* newspaper staff was putting in many hours to serve the students while the *paid* SGA officials were calling us slackers, some of whom were not even fulfilling their requirement of a measly three office hours per week.

It was also contended by Mr. Schuessler that I contradicted myself when I was saying former SGA President Sara McCook should not take credit for several things that I said she did not do. While it is true that, per the SGA Constitution, the SGA President bears "ultimate responsibility," I believe Mr. Schuessler did not correctly interpret the argument I was making. I was saying that the SGA does *not* deserve the sole credit for the Eagle Card, and the Ms. McCook did not personally start the President's Roundtable, which she claimed she did, nor does she deserve the sole credit for the Honor Code.

I hope I answered your questions, Mr. Schuessler. As for your involvement within SGA, if you are so intent on becoming part of the organization, I would have advised you to run in the elections. Since you declined to do that, the SGA divisions are always welcoming new members.

While I take offense at you calling *The Avion* and, by implication, the other SGA divisions unimportant, I hope that I have convinced you that every part of the SGA has important work to do and would invite you to join us.

~Jonathan Mettlin

Racism swings both ways

White students at ERAU are not racist!

An article in *The Avion*, February 21, 2006 titled "student suggests that racism persists at ERAU," written by Michael Gonzales, calls white ERAU students racist for not attending a Black History month celebration. After reading the article, it's obvious that Mr. Gonzales is full of hate!

The very idea of having a special month for the black race, to the exclusion of a special month for the Native American race and other

racism, smacks of racism, so why should white students attend such a racist event. It's to their credit that they didn't.

Mr. Gonzales further states that white students should 'swallow' their white pride. Why should they? They have a lot to be proud of.

Mr. Gonzales should be ashamed of himself, and would do well to swallow his hate and publicly apologize to the white students and to ERAU.

Hating whitey is not new - it's

been going on a long, long time. Here's what Nobel Prize winner Rudyard Kipling (1865-1939) had to say about it:

The White Man's Burden

*Take up the white man's burden
and reap his old reward;
The blame of those ye better,
The hate of those ye guard.*

Happy Landings
~Reid Tyre

Planning for a no-oil world

The only certainty in life is change, and everything changes when we run out of petroleum. However far off into the future, the *status quo* mindset of an energy regime based on non-renewable resources will ultimately fail.

The uncertainty of a future without oil brings risk, adversity and opportunity predicated on the choices we make. One choice is to wean our society off hydrocarbons intelligently and proactively over the next two decades with innovation and

international partnership. The other choice is to warmonger in a futile conquest to plunder the world's natural resources and our national treasures.

We can invade and occupy Saudi Arabia and squeeze the last drop from tar sands in Canada, but eventually, by hook or by crook the world will need to advance beyond oil.

We need an Apollo-scale program to achieve energy independence within ten years. We need to think in terms of sustainable technologies based on renewable resources that will provide

for economic growth in a market where demand for petrol-energy outpaces production capacity. We need a new mindset in this country and in the world. We can lead; we can follow, or we can be left behind.

Economics is only about wealth when its focus is scarcity. Hopefully, a century and generations from now, humanity will look back on this transitional period in our history with the wisdom to say that running out of oil was the best thing to happen to us.

~Ryan Jones

Nowhere for students to eat during summer sessions

I am quite upset with the state of the food services being offered in the summer by Sodexo. The cafeteria in the Student Village has been closed for the entire summer due to Sodexo saying that there are "fewer" students (there are at least 200 students living on campus during Summer A). Einstein's Bagels is open only Monday-Friday from 8 a.m. till 7 p.m. and is closed on Saturdays and

Sundays. The Student Center is also open only till 7 p.m. Why is it that these places are not open after 7 p.m.? There are some grad students living on campus, myself included, and some of the grad classes get done at 8:30 p.m., which means that there is nothing available for us to eat after that time.

You guys are really cutting on costs and we are paying the same amount

we pay for two months in the Spring, yet we have fewer eating options available. This is a big ripoff and the food quality is bad too! I wasn't even able to use half my Meal Plans and ate off campus most off the time, so I cancelled the Plans. Please do something about this; the students of this university deserve to be treated properly, and not starved.

~Dillon Laurente

Student Forum

The Avion asks: "Where would you rather be this summer?"

—Compiled by Brian Case



Jason Garrick
Senior
Engineering Physics

"Australia; they have more girls than Riddle, and the beaches are nicer."



Franciso Rivas
Junior
Aeronautical Science

"I wish I could be back home in Puerto Rico."



Shailesh Kymar
Sophomore
Aerospace Engineering

"On a long cruise, probably to New Zealand."



Joseph Tessitorre
Senior
Global Security Studies

"I'm going to Poland to party it up with the Eastern European hunnies."



James Leoputra
Senior
Aerospace Engineering

"Here is OK. I don't really want to go home."



Jayson Yabut
Junior
Aeronautical Science.

"I planned to go to Toulouse, France, but I didn't meet the prerequisites. I plan on going next summer."

Discovery crawls toward July launch target

Shuttle flight managers optimistic for July 1 launch

Heather Van Antwerp
Campus News Editor

After being mated with the fuel tank and rocket boosters, the Shuttle Discovery was moved from NASA's 52-story Vehicle Assembly Building (VAB) to the launch pad on Friday, May 19. The massive crawler transporter, weighing in at around 5.5 million pounds, took more than eight hours to transport Discovery and its mobile launch platform to Launch Complex 39B at Kennedy Space Center. The entire 23-story assembly (shuttle, fuel tank and boosters, mobile launch platform, and crawler vehicle) weighs about 17.5 million pounds and moves at a top speed of about one mile per hour.

The move was a large step for NASA's STS-121 mission, because this will be the second shuttle test flight since the 2003 Columbia accident. "It's a fabulous feeling to see that we're rolling Discovery

back to the launch pad for our next launch attempt. I think we're on a really good path to make that July 1 window opening day," commented NASA shuttle program manager Wayne Hale.

Discovery is planned to launch its astronaut crew on a mission to test shuttle fuel tank modifications, orbiter repair techniques and to resupply the International Space Station (ISS).

The payload, a cargo module nicknamed Leonardo that consists of spare parts for the ISS, arrived at the launch pad the day before and will be placed into Discovery's cargo bay in the days ahead after engineers rotate the protective service structure into place around the orbiter.

In mid-June, the seven member crew of STS-121 will come to Kennedy Space Center to take part in a simulated countdown and practice emergency escape procedures on the launch pad. The crew consists of six astronauts plus one European astronaut who will remain aboard the International Space Station as the first European member of an Expedition crew.

This mission hopes to prepare

the shuttle in order to once again continue the construction of the ISS later this year.

The proposed date for launch is July 1, and there is a daytime launch window that lasts through July 19. If this flight window is missed, the launch will be rescheduled for launch in late August when daylight conditions will be optimal once again for seeing and photographing the foam-covered tank during ascent.

Work is also being performed on another External Tank, number 123 (whereas the STS-121 tank is number 119), early, in order to be used as a possible rescue flight as a worst case scenario for the Discovery's second test flight. Once this is completed, it is hoped that the STS-121 mission will be the first of three shuttle flights for the rest of this year.

Other launch opportunities will open up in the latter half of August, and in the beginning of December.

With the hard work of all the employees at Kennedy Space Center, the shuttle will soon be making routine space flights once more.

“It's a fabulous feeling to see ... Discovery back to the launch pad”
- WAYNE HALE

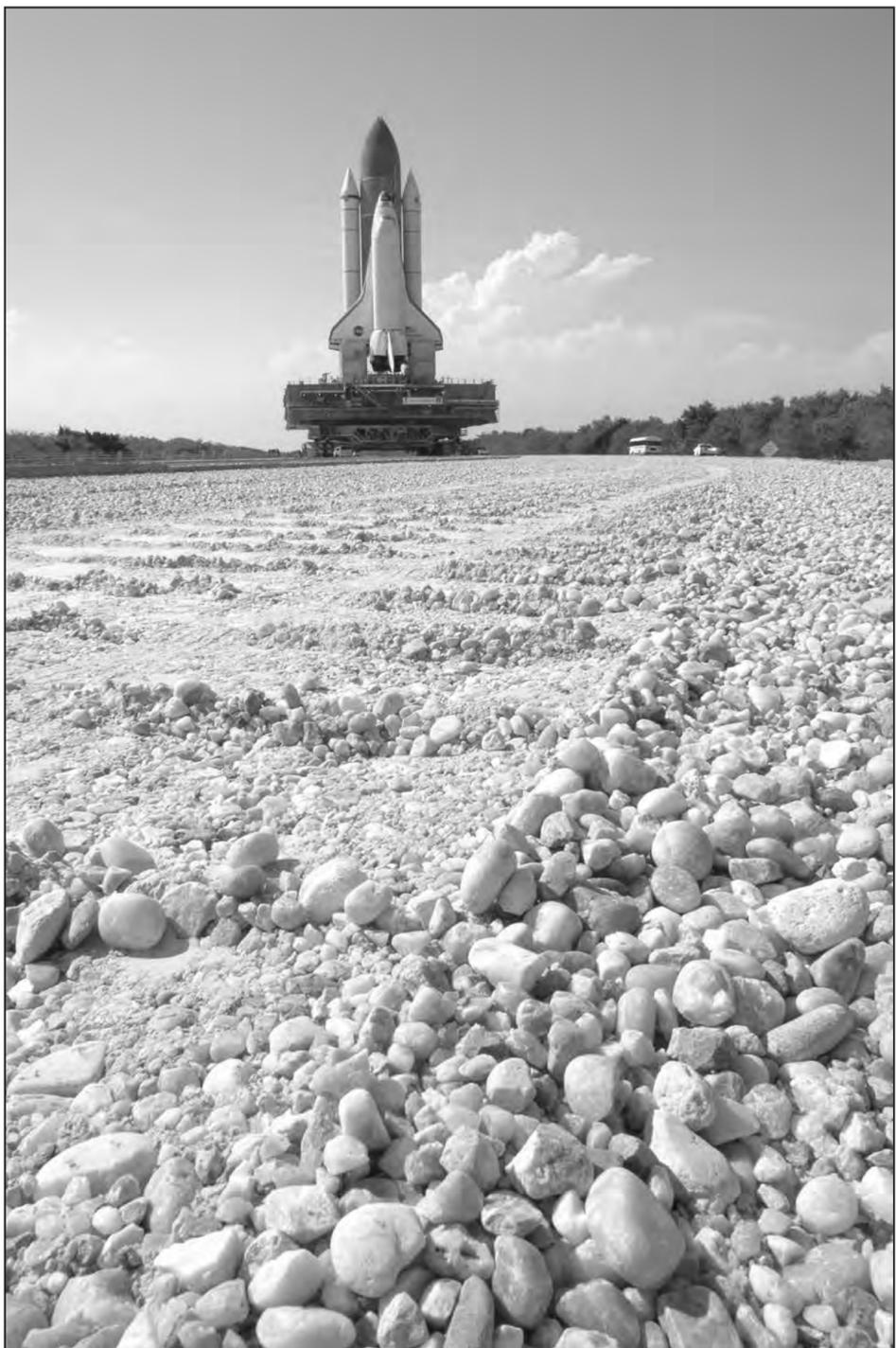


PHOTO COURTESY BEN COOPER/SPACEFLIGHTNOW.COM

THE SPACE SHUTTLE DISCOVERY made its final Earthbound journey Friday as it took the 4.2 mile, nine-hour trip from the Vehicle Assembly Building to the launch pad atop a crawler transporter. The 23-story, 18-million-pound shuttle 'stack' pulverized the riverbed rock that makes up the crawlerway.

Calls to watch asteroids

Brandon Boekelman
Copy Editor

Common natural disasters, such as hurricanes and tornadoes, could be the least of our worries in the near future. Although the risks and damage of these events are large, an asteroid impact could make them look like mere windstorms.

An asteroid has the ability to destroy entire civilizations, which is widely thought to have happened to the dinosaurs. It has happened in the past and will happen in the future.

The major questions are when it will happen and is there anything that can be done about it.

NASA is hard at work trying to answer these questions. In 1998, Congress held hearings that ended with the creation of a Near Earth Object Program office at NASA's Jet Propulsion Laboratory.

A major part of this program is the Spaceguard Survey.

The Spaceguard Survey is aimed at discovering 90 percent of near-Earth asteroids that are more than one kilometer wide. Astronomers estimate that there are 1,100 asteroids which meet this specification. NASA has only found 834.

With two years to go on the program there is a lot of work left to do.

In December of 2005, Congress decided to expand this search. They now want to track all objects that are over 140 meters, which would be large enough to destroy a city. NASA has until 2020 to complete this new survey.

NASA is not only looking at tracking these objects but they are also looking how to stop one if it got too close to Earth for comfort. One idea is to put a laser cannon on the moon and use it to deflect the object enough for it to

miss the Earth. Another idea is using a "gravitational tractor" to change the orbit of the asteroid.

A gravitational tractor would involve using a very heavy object, like a spacecraft, to position close to the object and slowly using its gravity to change the trajectory of the asteroid.

The last option involves detonating a nuclear device close to the object to knock it off course or possibly destroy it.

This option might be the only way to stop the impact if there are only months or even weeks before it hits the Earth.

The asteroid Apophis is scheduled to come close to Earth on April 13, 2036. Although the possibility of it hitting the Earth is 1 in 6,250, NASA is still busy tracking it. They are trying to see if that one time will happen and if there is anything we can do to make sure that it will not be a global killer.

New theories about Triton

Curtis Ewbank
Copy Editor

Neptune's largest moon, Triton, is unlike all other large moons in the solar system. Triton is in a retrograde orbit, it orbits in a direction opposite to Neptune's spin. While there are many retrograde satellites about the gas giants, Triton's orbit has long puzzled astronomers as it is much larger than most of the other retrograde satellites. Early scenarios to explain Triton's orbit involved Triton colliding with another satellite near Neptune, unlikely due to the parameters of the collision, and Triton being slowed down by aerodynamic drag around Neptune, unlikely

due to time constraints.

However, a survey of Kuiper Belt objects conducted over the past decade may hold the answer to Triton's odd orbit. Such surveys indicate 11 percent of Kuiper Belt objects are binary objects; they consist of two bodies orbiting one another. Such a find is not surprising, as Pluto and its moon Charon are such a binary. Charon is so massive relative to Pluto that the pair actually orbits a point between the two bodies.

What this means for Triton is it may have come from a binary traveling near Neptune. In the May 11 issue of *Nature*, Craig Agnor of the University of California and Douglas Hamilton of the University of Maryland

describe a new model for a three-body gravitational encounter between a binary and a planet.

"We've found a likely solution to the long-standing problem of how Triton arrived in its peculiar orbit. In addition, this mechanism introduces a new pathway for the capture of satellites by planets that may be relevant to other objects in the solar system," Agnor said. Agnor and Hamilton plan to apply their exchange reaction to other satellite systems to see if it can explain other irregular satellites in the solar system.

Triton and Neptune have only been visited by one spacecraft, Voyager 2 in 1989. Some scientists are now calling on a new mission to the eighth planet.



PHOTO COURTESY JPL/NASA/GOV

NEPTUNE'S MOON TRITON AS photographed in a mosaic by the Voyager 2 spacecraft, the only one to visit Neptune, in 1989. Triton is the coldest body in the solar system and orbits retrograde with respect to Neptune's rotation. Scientists now have new theories to explain the odd motion, rather than a past collision.

Upcoming Cape Launches

Delta 4 set to go Wednesday, finally

On the pad more than a year and 18 months since it last flew, a Boeing Delta 4 is set for its own return to flight this week. The 20-story rocket is scheduled to launch the GOES-N weather satellite for NASA and NOAA and orbit the much needed modernized weather and hurricane forecasting satellite.

As of Sunday, launch remained set for Wednesday May 24 at the beginning of a launch window which opens at 6:11 p.m. and closes at 7:11 p.m. EDT. Weather forecasters are predicting overall good weather for the launch. Check www.SpaceflightNow.com for the latest on the launch.

LAUNCH VIEWING

The best and closest viewing spot for Delta 4 launches off Pad 37 is from Port Canaveral. At a modest 8.5 miles away, the launch should still produce a fairly loud spectacle. Take I-95 south to Exit 205 (Route 528 the Beachline) East towards Canaveral. Proceed about 15 miles and exit at the big blue sign marked 'Terminal A' for cruise terminals and north cargo piers. After you exit, go over the drawbridge, and about a quarter-mile later, the road curves sharply to the right and goes under an overpass at the same time. Pull off here on the left (water) side of the road. Use frequencies 148.4850 and 146.9400 to monitor possible countdown broadcasts.

The launch will also be broadcast on NASA TV (campus channel 52) and news channel 13.

EDITED BY BEN COOPER

Largest map of universe made

Heather Van Antwerp
Campus News Editor

Born explorers, the curiosity of mankind is never satiated. This was one of the driving factors that led a team of astronomers to construct the largest three-dimensional (3-D) map of the universe. Leading the team was Nikhil Padmanabhan of the U.S. Department of Energy (DOE) Lawrence Berkeley National Laboratory, and David Schlegel of Princeton University.

The team constructed a wedge shaped map that spans only a tenth of the northern sky, and contains 600,000 red galaxies, and extends 5.6 billion light-years deep into space (which is the equivalent to looking into the past almost 40 percent of the way back to the Big Bang). The map was created by averaging the redshift (a relation of color change to distance) of 10,000 galaxies, and applying these measurements to thousands of other galaxies and plotting them accordingly.

The principle reason for constructing a large-scale 3-D map like this is to better understand the distribution of matter in the universe, where the

light is, there is matter as well. The distribution of galaxies reveals many things, including the evidence of dark energy, which accounts for three-fourths of the density of the universe.

Dark matter, which is invisible but is affected by gravity like ordinary matter, accounts for another 20 percent. This leaves about five percent of the universe consisting of ordinary matter.

"Dark energy is the term we use for our observation that the expansion of the universe is accelerating," Padmanabhan commented. "By looking at where density variations were at the time of the cosmic microwave background" - only about 300,000 years after the Big Bang - "and seeing how they evolve into a map that covers the last 5.6 billion years, we can see if our estimates of dark energy are correct."

So far, the new map has shown that various large scale structures in space are distributed according to how current theories of the acceleration and expansion of the universe would suggest. The map has an assumed distribution of dark matter, which also coincides with current theories.

What made this map possible

was the Sloan Digital Sky Survey's (SDSS) wide field telescope that covers a three-degree field of view. For perspective, the full Moon is only half a degree. SDSS astronomers worked with the Australian Two-Degree Field team. Schlegel commented that the researches are far from achieving the desired precision. Comparing only a handful of galaxies to 600,000 others, without measuring them individually, gives only a rough estimate as to the exact their distances. But by showing that this procedure is possible, it allows for a standard measurement, and a more time efficient procedure.

The hope is for this to be a stepping stone for an even larger map, and an even better procedure for mapping. Schlegel adds that "the next step is to design a precision experiment, perhaps based on modifications to the SDSS telescope. We are working with engineers here at Berkeley Lab to redesign the telescope to do what we want to do."

Soon enough, this map will be considered small to ones that will be seen in the future. But it is for certain that the efforts of this team so far have shown evidence that many theories of our universe may be true.

SUDOKU

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C	S	P	U	N	O	T	X	O	E	A	R	I	D	M	I
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R	R	T	I	E	D	A	A	E	V	G	I	E	N	E	H
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B	R	Q	E	N	I	O	S	L	T	L	J	I	V	J	G
I	A	S	K	U	D	C	M	A	B	D	E	P	Y	T	O
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C	O	R	O	L	A	N	P	S	U	N	F	I	R	E	L

WORD SEARCH

civic	probe
accord	dart
insight	challenger
prius	fiero
minicooper	tempest
viper	bonneville
caravan	firebird
cobalt	solstice
montecarlo	sunfire
vanquish	testarossa
carrera	cabriolet
cayenne	lancer
passat	galant
beetle	eclipse
jetta	mirage
golf	tiburon
grandprix	matrix
focus	miata
stratus	protege
prelude	sentia
integra	

The Riddle of Life

By Jonathan Mettin

The cornerstone of journalism: presenting the facts in an unbiased manner without opinion.

Fires continue to burn across Florida, setting the entire state, known for its hedonism, ablaze.

The Da Vinci Code opened in theaters nationwide this weekend, spreading its blasphemous message.

And we should support the act to keep immigrants out of the country because God hates non-Americans.

The Fox News Channel will return after this.

Fair AND balanced. Amazing!

Klyde Morris

Aviation's Only Ant!™

by Wes Oleszewski

Klyde's return to teaching private pilot ground school continues...

DEPENDING ON THE ENGINES, GENERAL AVIATION AIRCRAFT BURN ALL SORTS OF FUEL...

...FROM THE OLD 150s THAT BURNED 80 OCTANE TO THE CORPORATE JETS THAT BURN HIGH GRADE KEROSENE TO THE KING AIR THAT I FLY WHOSE PT-6 ENGINES WILL BURN ALMOST ANYTHING FROM JET FUEL TO MOONSHINE.

CONSIDERING THE PRICE OF FUEL, WOULD MOONSHINE BE MORE ECONOMICAL?

GEE...

...I'M GONNA HAVE TO LOOK THAT UP.

CARS

- Across**
- 100 years
 - Small black bug
 - Stars that get brighter
 - This Ford country Squire, was a true "____"
 - 1964 car that was in Pulp Fiction
 - From Latin "Bull"
 - Spanish car-truck
 - Car/submarine in *The Spy Who Loved Me*
 - Similar to, but not a Dodge Spirit, Ford Tempo, Nissan Stanza or a Mazda 626
 - The General Lee
 - Concentrate
 - Tom Selleck, Magnum P.I.
 - Ford's competition to the Chevrolet Cavalier, and the Dodge Aries
 - K.I.T.
 - Superstar
 - Shelby, Cobra, Rousch

- Down**
- A shuttle orbiter
 - Kind of dog only spelled different
 - A Spanish bean
 - Never, never ever feed it after midnight
 - Gull-wing doors and a stainless steel body
 - The bandit
 - Fastback version of the Valiant, could be used for cleaning
 - Could be confused for an Indiana basketball team
 - Murcielago, Diablo, 350 GT, and Gallardo
 - Nemesis of Wylie Coyote
 - Named after a fast type of Royal Navy war-ship
 - Small car known to catch on fire
 - Similar to the Mitsubishi Eclipse and the Eagle Talon.
 - Could be a walking or riding sport
 - 1965 best selling full-sized car in the United States
 - Venomous snake
 - Luke Skywalker was this
 - Pointed missile or rapid movement

APARTMENTS / ROOMMATES

Roommate Needed

To share Misty Springs 2b/2b apartment. Rent split \$570 each (covers everything, including broadband Internet, cable TV w/ DVR, and electricity). No lease - month to month. Washer/dryer in unit. Upstairs end-unit. 3 minute drive to ERAU. Misty Springs, 1420 Bellevue Ave., Daytona Beach, FL 32114. Current 1st year MBA student @ ERAU. Working full time M-F, 8am-5pm + classes. Planning to graduate May 2008 at the earliest. Willing to sign lease if preferred (this would lower rent). Call James 650-533-1452.

Room for Rent

Great for roommates. House for sale in Holly Hill with attached in-law apartment. 2 kitchens, bathrooms, 2-car carport with small workshop. Huge fenced lot, no house behind. Call Marsha in Student Employment x7696

Fully Furnished Condo

Close to school. \$1200 a month (can be shared). 1st floor with patio. 3 miles from Daytona Beach / walking distance to supermarkets, movies, and much more! Gated community, W/D, clubhouse, gym, Internet access, pool, cable inc., water inc. up to 4000 gallons, dep. last months rent. Call: Margie 770-360-5888.

1 Room Available

Room available in a two bedroom/ two bath apartment off of Clyde Morris at Summer Lakes. Cost: \$400/month. Covers everything! Quiet and has pool, tennis etc... Call 761-6491

Daytona-Beachside Condo

Looking for a female roommate to share a luxury furnished oceanview 2 bdr/ 2 bath condo in Ponce Inlet (25 min to campus). Private bathroom, on-site indoor/outdoor pools, jacuzzi, sauna, fitness, golf and tennis, next to the beach. Cable/Internet, utilities, washer/dryer all included. \$600/mo + sec. Option to rent the whole condo until September for \$1,300/mo + sec. Call 689-2069

Furnished Room Available

Available May 1. Close to school and airport. Big house/ yard with grill and wireless Internet. \$550/mo plus utilities. Call (321) 234-2234

Efficiency Apt on Intracoastal

Large efficiency apartment, in historical home on Intracoastal, Rent \$450/month, includes utilities and cable. Call 386-453-1913.

APARTMENTS / ROOMMATES

Roommates Needed

Beautiful Pelican Bay townhouse. Looking for two roommates for three bedroom, 2 and 1/2 bath, two story townhouse. Living room, dining room, eat-in kitchen. Includes w/d, water, sewer, basic cable, & trash p/u. This is a wonderful gated community just 3 miles from campus, 10 min. to beach, and close to all shopping. \$75/mo/person, \$250 sec. dep/ person, 12 mo lease, starting in Aug. Renters to split electric. Will need to supply own bd rm furnishings. Call Mike @ 302-478-1995 e-mail @ mjmascar@comcast.net.

Port Orange Home for Rent

3 bedroom - 2 bath. Stone fireplace, 2 car garage, tile floors throughout, screened lanai, washer & dryer, yard maintained by lawn service, sprinkler system. Great neighborhood, schools, shopping. Available June 1. \$1,350 per month. 813 Sugarhouse Dr. 386-689-6605, 386-427-0274, Paul Anthony Mgmt.

Ormond Beach Furnished Home for Rent

Beautiful, immaculate, 3/2 home in prestigious Ormond Lakes subdivision, available last week of June or 1st of July for a 1 yr lease. Approx 20 min to ERAU campus. Lush, tropical setting backs up to common land, very quiet, safe neighborhood, wonderful for biking & walking. All new Ashley furnishings throughout, full size W/D, linens, cookware, turn-key ready for occupancy. 1 month deposit, lease & references required. Pool, tennis & clubhouse in complex. Absolutely no smoking or pets, 2 car garage w/ remote. \$1700 monthly includes water, Direct TV, and lawn mx. Pay own electric, phone, Internet. Perfect for professional couple or temporary faculty assignment for upcoming school year. Have photos available by email. Call 802-985-9497 or email cinbad58@aol.com.

Room for Rent

Available May 2. Share house with one other student. Close to Publix and Walmart. Wireless Internet. \$625/mo including utilities. (518) 727-7444

Summer Rental

Seek student to share nice home in neighborhood close to Embry Riddle. Rental includes a furnished bedroom with bath; house privileges; W/D; and high speed Internet access. Reasonably priced at \$350 per month plus shared utilities. References and deposit required. Only non-smokers please. For information, please call 386-383-8621.

APARTMENTS / ROOMMATES

Room for Rent

Beautiful home Port Orange. 8 mi from ERAU approx 1.5 mi west of I-95 and Dunlawton Ave. Includes following: all utilities except phone, kitchen privileges, high speed wireless network, expanded cable including HBO, all linens and laundry supplies, furnishings including desk, etc. Walking and bike trails available, SERIOUS STUDENTS/STAFF ONLY. No smoking in home... outside OK. \$550 per month. Call Peggy at 386-760-8865 (home) or 386-212-2832 (cell).

Female Preferred to Share Single Home

Female student to share 3 bedroom 2 bath single home on Russett Lane with pool, fully loaded kitchen CA, W/D and more! Unfurnished \$400, furnished \$450 plus half utilities. Email herself4121@aol.com or call 484-213-1403.

Furnished room for rent

Furnished bedroom with king size bed located in an ERAU neighborhood at Townhouse North. Located on the corner of Clyde Morris and Big Tree Rd. Very clean and comfortable. Beautiful backyard and den. Six minutes from ERAU. For more info contact Mrs. Short at 767-2300

Furnished Room for Rent

Perfect for students! Close to ERAU and airport! Summer terms only. FULLY furnished room available in a 4 bedroom house. Share house with one other student. Close to Publix and WalMart. Wireless Internet. Available May 1. SHORT TERM! May 1 - Sept 1 (neg). \$650/mo including utilities. 518-727-7444.

CARS/BIKES

'93 Jeep Wrangler Renegade

White, 6 cyl auto, limited edition Renegade, soft top, A/C, new rims and tires, sound system, towing package, new battery, recent oil change/air filter/spark plugs, runs great, highway miles. I really don't want to sell my car, but I must because I am moving for a job. Asking \$6995 OBO. Call Dan @ 386-871-4181.

AVAILABLE JOBS

JOB ID 3390, 3418, 3420, 3408

These part-time clerical positions are available with various businesses off-campus. Duties will include clerical computer work, filing, errands, patient assistance, phones, etc...

U-Save Auto Rental

U-Save Auto Rental needs marketing person to visit hotels, car repair shops, etc., using THEIR vehicle to distribute flyers and information about the company. Call 258-2225 JOB ID 3173

Cloud Dancer Aviation

Cloud Dancer Aviation is hiring a Dispatcher. Duties will include front desk work, reception, aircraft dispatching and some clerical work. Call 238-7270 JOB ID 173

Come Work at New Restaurant in New Smyrna

We are now hiring all positions: full/part time, experienced servers, hostesses, buspersons, prep chefs, dishwasher. Experience a plus, but will provide training. Shiki at the Beach, 4192 S. Atlantic Ave., New Smyrna Beach, FL 32169. (386) 429-4930.

AVAILABLE JOBS

Ormond Beach YMCA

YMCA of Ormond is hiring lifeguard and swim instructors. Work now and through the summer. Call Cari at 673-9622

SERVICES NEEDED

Senior Pictures Needed

Need senior pictures or graduation announcements? Students wanted for great senior photos! Go to www.clearlyinfocus.com for more information.

MISCELLANEOUS

Tires for Sale

Price reduced to \$80. One set of four 255/45 17 in. Also for sale, one set of two 255/45 17 in for \$40. Contact Sally at (386) 226-6058 Or (386) 761-8600.

Roller Blades for Sale

Men's Lightning roller blades, size 11. Good condition. Only \$25. Contact Sally (386) 226-6058 or (386) 761-8600.

Math Tutor

Summer classes are starting. If you need a tutor to assist you in passing MA 106, MA 111, MA 241, or MA 242 - give Lionel a call. \$10 per hour. Cell: (386) 334-8325.

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- writing
- graphic design
- sales

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Come to our meetings, Tuesdays at 6:30 p.m. in the Endeavor Conference Room. (in the S.C.)

If you have any questions or comments, call us at 386-226-6049 or email us at avion.newsroom@gmail.com

CARS/BIKES

2000 Z24 Chevy Convertible

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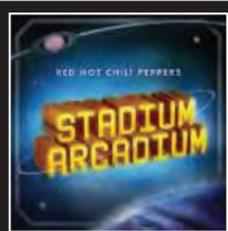
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Stadium Arcadium is red hot ... two times over



Stadium Arcadium
Red Hot Chili Peppers



Chris Tezak
Staff Reporter

This article was co-written by Darrin O'Brady.

The ninth album by the Red Hot Chili Peppers, *Stadium Arcadium*, was the first and only Chili Peppers album to debut at number one on the Billboard album charts. The 28-

song double disc album also scored the number one spot in 16 countries around the world making *Stadium* the most successful beginning to a Chili Peppers record.

Stadium started out as a single album, but when the band finished recording they had 38 songs ready to go and had to whittle the number down to the final 28.

Jupiter

The first disc of this two-disc album is holding up to the hype surrounding *Stadium*. Starting off with their debut single "Dani California," "Jupiter" is a blend of mellow story-telling and sudden enlightenment that comes only with age and experience.

Ever since *Californication*, the Chili Pepper's sound has changed from the in your face nature of their younger days and has gotten more defined and distinct. The substance in these new songs is not necessarily better or worse than *BloodSugarSexMagik*, but the delivery and melody is crisp. I can listen to this album straight through without having to skip tracks. I don't really have an overall favorite track, but I can definitely listen to more than

one song over and over.

One of those songs has to be track five, "Hump De Bump". It's different from the mellow nature of the CD, incorporating the sound old school funk. The next track, "She's Only 18," is a great short song with sharp lyrics and a killer guitar solo. Torture Me, track eight, made me laugh because it seems that even the Chili Peppers have a slight distaste for pop music. Other tracks like "Strip My Mind" and "Warlocks" focus more on the band themselves and their self-awareness.

If "Jupiter" is any hint of what "Mars" is, this album is a definite buy. Don't bother downloading a couple tracks, go out and get the whole CD. It's well worth it.

I think a line from the title track "Stadium Arcadium" reflects where the Red Hot Chili Peppers are as far as their mainstream acceptance: "Never thought I'd be in bloom, but this is where I start." Personally I think the Chili Peppers have been in bloom for years, but now with *Stadium Arcadium* hitting number one, the world realizes the Chili Peppers' awesomeness. Their pres-

ence among rock stars will shine like Jupiter and Mars in the sky.

Mars

After finishing a listen to "Jupiter" one is almost immediately going to throw "Mars" in the player and take a listen. When you hit play you're greeted with "Desecration Smile," a song that sets the pace for the first chunk of the disc, a guitar and vocal heavy track with a mellow but intriguing rhythm. A departure from the old Chili Peppers, which were led by in your face base lines driven by Flea, the *Stadium* highlights guitarist John Frusciante. With riffs that remind me of Stevie Ray Vaughn, tracks like "Tell Me Baby," "So Much I," and "If" you would almost think he has been hiding for the few previous albums.

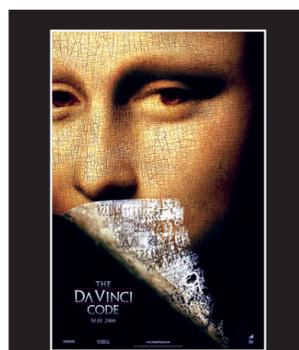
When you hit the middle of the disk you are reintroduced to Flea in "Readymade" and than in "Animal Bar" you are reminded of possibly every sound the Chili Peppers have ever had. Parts reminiscent of *BloodSugarSexMagik*, *Californication*, and everything in between. When you reach "We

Believe," my personal favorite, you encounter a sound I think previously unheard for the Peppers; a powerful song, which anchors the backend of the disk. With the end of the album comes a fitting song with "Death of a Martian." You feel it's a kind of end of the road song, driving off into the

horizon leaving you behind with the great piece of work that is *Stadium Arcadium*.

The Chili Peppers will start their U.S. tour for *Stadium* at Lollapalooza in Chicago on Aug. 4. The closest tour group will get to Florida will be Atlanta on Oct. 26.

A fun flick, Code still needs more



Don Macanlalay
Photography Editor

Having not read the book, I was completely oblivious to the entire story. In fact, the only reason I first went was for Amelie star Audrey Tautou, who plays the main female lead Sophie Neveau.

If I could compare "The Da Vinci Code" to another movie, it would be "National Treasure." It's basically the same movie but with the Bible.

Tom Hanks and Tautou run through the movie trying uncover the greatest secret that has never been told: Jesus was married and had a child (which means there are direct descendants and imply he is merely a man).

Actors give good performances, despite the shoddy dialogue given to them. Paul Bettany steals the show as an albino monk bent on keeping the secret from being told.

Other appearances in the film are by Jean Reno ("The Professional"), Ian McKellen ("X-Men") and Alfred Molina ("Spiderman 2").

To sum it all up, I will admit that I am deeply disappointed. I did go open-minded, but I was expecting more. The movie is neatly tied together, and it's great potential is partially ruined here. It wasn't bad and it wasn't good, but you can't help but feel after watching that there should've been more to it.

Nonetheless, "Code" offers plenty of fun and fits a perfect summer blockbuster.

As an avid moviegoer, I am still captivated by the magic a movie brings. Whilst blockbusters aren't exactly my cup of tea, I did watch "The Da Vinci Code" with an open mind.

While critics across the Cannes Film Festival gravely gave the movie harsh reviews, Cannes isn't really a festival where popcorn blockbusters are shown.

The Dolls return to their roots

Jonathan Mettin
News Editor

The boys from Buffalo have followed up their 2004 live release with *Let Love In*, an album that is unmistakably a Goo Goo Dolls work.

The writers of the radio stables "Iris," "Name" and "Slide" offer up another round of air-friendly tunes, including "Let Love In," "Better Days" and a cover of the classic "Give a Little Bit."

After living in Los Angeles following the 1998 album *Dizzy Up The Girl*, lead singer and guitarist John Rzeznik moved back to his hometown in northern New York, where he and bassist Robby Takac

co-wrote the album, the first time they've done that since 1993's *SuperstarCarWash*. Drummer Mike Malinin completed the group, and the three recorded in a century-old Masonic ballroom.

The memories stirred up by the return home come out in the songs. From the first chords of "Stay With You" to the fading exit of "Become," Rzeznik (and occasionally Takac) sing simple yet beautiful lyrics that are impossibly catchy and yet extremely profound.

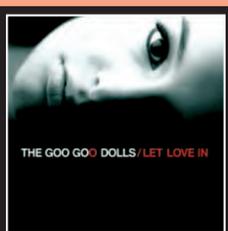
By far the best track on the album is "Better Days." With a refrain that sings of forgiveness and starting over, "Better Days" has become an anthem for countless people, with reasons ranging

from a bad breakup to Hurricane Katrina (it was CNN's background music for coverage of the recovery efforts).

While *Let Love In* contains some of the band's best lyrics, their instrumental prowess isn't up to the standards set by previous hits like "Iris" and "Acoustic #3."

One thing the album has going for it is there is not a single bad song on the entire album. While some songs are definitely better than others, the Goo Goo Dolls have a knack for making a listenable album.

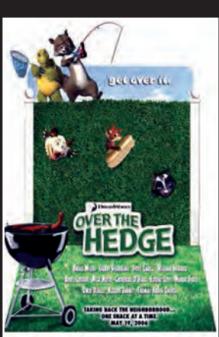
Let Love In is definitely a must-have for Goo fans, and is a great all-around album for anyone looking for a good road trip CD.



Let Love In
The Goo Goo Dolls



Hungry animals + satire = a sleeper hit at the box office



Over The Hedge



Dreamworks does it again

Melanie Pugh
Business Manager

From the makers of "Shrek" and "Madagascar" comes the latest animated DreamWorks success, "Over the Hedge" (PG). "Hedge"

chronicles the tale of R.J., a raccoon (Bruce Willis), and his forest-inhabiting cohorts. R.J. is forced to leave his home after he gets caught stealing food from an angry bear's stash. He vows to return the food to the bear's exact specifications by the next full moon. R.J., who is only interested in his self-professed "family of one," encounters a family of animals living in the woods and spends the rest of the flick attempting to fulfill his promise - with a little help, albeit under false pretenses, from his new friends. The family, consisting of porcupines, possums, a turtle, a skunk and a squirrel is busy at work trying to stash away food for the next winter. They have recently encountered a frightening foreign object in their neck of the woods. After cautious examination, the bunch dubs the object "Steve," because it is less frightening that way. Enter aficionado R.J., who employs the suave style of a used car salesman to explain the wonders of a hedge (Steve), and what lies beyond it: suburbia. R.J. continues by offering an animal's perspective of humans and their technologies. Taking advantage of the animals' naivety, especially that of Hammy the hyperactive squirrel (Steve Carell), R.J. enlists the help of the gang to steal food from the humans and store it for the winter. Side note: by store it for the winter, he

means give it to the bear.

The animals undergo a series of obstacles and close calls, including an ill-tempered homeowner and an overzealous exterminator, before deciding they have acquired enough glorious, processed food. Only Verne the turtle (Garry Shandling) sees the downside to the group's new lifestyle. He warns the others, but they brush him off, call him jealous and give hero status to R.J. The raccoon is left with

quite the predicament: stay with his new family or keep his promise and return to his old ways.

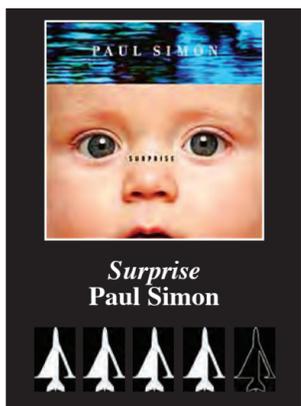
"Hedge" does a wonderful job of satirizing suburbia, and modern technology. Score one point for Embry-Riddle's Technology and Modern Civilization professors. Through an animal's hilarious supposed perspective, writers Len Blum, Lorne Cameron, David Hoselton and Karey Kirkpatrick poke fun at American culture. For

example, as explained by a wise raccoon, a telephone orders food, cars bring food, doorbells signal food and tables are for worshiping food. After pointing to a homeowner's vehicle and calling it an SUV, the porcupine children ask in amazement, "It's so big! How many humans fit in there?" R.J. displays the movie's wit with the quick and decided, "Usually ... one." Similar to its predecessor, "Shrek," "Hedge" brings to life the

perfect blend of fun, lighthearted children's movie with adult-innuendo laced comedy.

The 83-minute screenplay, featuring several comedic twists, had its audience laughing out loud several times throughout its duration. Its all-star cast also features the likes of Wanda Sykes, William Shatner, Nick Nolte, Eugene Levy and Avril Lavigne, as well as a soundtrack by Ben Folds. A must see.

Paul Simon's latest a pleasant Surprise



Surprise
Paul Simon



Album speaks to familiar issues

Don Macanlalay
Photography Editor

Paul Simon's latest CD, *Surprise*, is actually a pleasant one, although his departure from the dynamic duo group Simon & Garfunkel wasn't. His recent CD causes for a successful reinvention of himself.

Surprise is the first CD of Simon's in six years. While new fans won't exactly be flocking to listen to him,

he will draw back a bevy of faithful listeners. His penchant for story telling is evident through all the tracks on the new CD. Many of the songs on his CD seem to be asking more questions than giving answers.

Each song contains lyrics that speak to things that we can all relate to such as family, love, faith, uncertainty and doubts about the state of our world post 9/11, as heard in the song "Sure Don't Feel Like Love."

The first track of the CD, "How Can You Live in the Northeast," asks simple questions about the meaning of life, while the next song, "Everything About It Is a Love Song," is an introspective on a life past. Two of the better songs on the album, "Beautiful" and "Once Upon

a Time There Was an Ocean," are tracks that take you back to the old days.

One song that Riddle students on campus will definitely relate to is "Another Galaxy," a song about leaving home and exploring the world on your own.

Closing the album is an excellent song "Father and Daughter," which ends the album with a moving tribute about a man and a special place in his heart for a little girl.

Although his music will never quite be defined the way it was when he was with Art Garfunkel, each song is richly textured, featuring story telling lyrics that will have your mind as well as your feet tapping to a pleasant surprise.

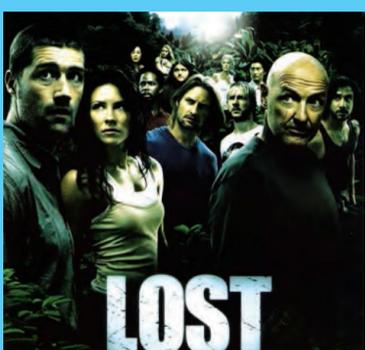
RECOMMENDED DISTRACTIONS A few things that have our editors stoked



Yeah, we're geeks. We'll admit to that up front. But, c'mon, it's **X-MEN III: THE LAST STAND!** We've been planning to see this movie opening day since they announced its opening day - which is Friday, by the way. In the third (and presumably final) chapter of the X-men film series, scientists announce they have found a "cure" for the mutant "problem." Of course, the mutants don't take too kindly to it, and a battle laden with superpowers ensues. The film expands on the roster, adding Shadowcat, Juggernaut, Angel and Callisto, among others. While moviegoers may be disappointed that fan favorite Gambit didn't make the final cut (the actor they wanted had other commitments),

the movie makes up for that big shortcoming with a bigger bonus: **SENTINELS!** If you only caught on to X-men because of the movie and have no clue what I am talking about, just trust me on that one.

Anyway, the reason they couldn't fit Gambit into the movie is because Josh Holloway was too busy filming the second season of **LOST**, in which he plays Sawyer. *Lost* has its season finale tomorrow night, beginning at 8 p.m.



with a recap episode before launching into a two-hour finale at 9. Casual viewers and hardcore conspiracy theorists alike will be glued to the television to find out how the survivors of Oceanic 815 will try to confront "The Others" and try to learn more about the mysterious hatch that they unlocked in last season's finale. And if that is any indication, the end of this episode will leave a lot of appetites whetted for next season, because we waited freakin' forever to find out what was in that damn hatch.

If you don't feel like watching either the boob tube or the big screen, a couple of cool live acts are gonna be in the area. Broadway sensation **MAMMA MIA!** is currently on a run at the Bob Carr Performing Arts Centre, telling the

hilarious story of a Greek girl trying to figure out which foreigner is her father during the whole wedding shindig, all the while bounding about to the songs of Swedish sensation ABBA.

If that's not your style, **ROB THOMAS** will be playing the TD Waterhouse on Thursday and **BO BICE** will put on a show at Hard Rock Live next Monday. Tickets for Thomas run between \$39 and \$74, while Bice tickets are more reasonable, running from \$23 to \$33.

And as far as music goes, **DEF LEPPARD** will follow up their 2002 hit album *X* with *Yeah!*, which hits shelves today. Pour some sugar on us, because *Yeah!* is Def Leppard covering their favorite musicians, and if *X* is any indication, this is gonna rock our socks off.

