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Embry-Riddle Aeronautical University

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THE AVION

An award-winning newspaper by students for students

Volume 75, Issue 8

March 10, 1993

Candidates square off in debate Shuttle astronaut to speak to students

Elections are today

By Jason Simon
Senior Staff

The candidates for President and Vice-President of the Student Government Association squared off last Monday in the first and only debate before the election. The candidates for President, Jeremy Pisell and Jeff Williams, and Vice-President, Christian Smith and Chris Hymar were the main attraction in the John Paul Riddle Student Center. In front of a record-setting debate crowd, the candidates presented their views.

The moderator for the debate was Joseph Perrino. Perrino controlled the pace of the forum between the candidates and the student panel that asked questions to the candidates.

The student panel consisted of three members: Todd Gumbrecht, WERU division head; Joan Hendrich, Chairperson of the Student Representative Board; and Bill De Brauwver, Editor in Chief of the Avion Newspaper.

A total of six questions were asked by the three members of the student panel. Various topics, like attrition rates, campus radio and the numerous roles the SGA plays in the lives of the students, were asked to the candidates by the student panel.

At first, both the candidates and their running mates appeared nervous when answering the questions presented to them. However, as the debate continued, the candidates appeared to loosen up and they did provide clearer answers to the questions asked of them. After the panel's questions were answered, Perrino opened the debate up to the students in the audience. Many topics were discussed.

Examples of these topics include Student Government fees; a student asked the candidates



Jeremy Pisell addresses the audience as Jeff Williams glances over his notes, during Monday's debate. For the candidates, this was the time perfect time to explain their platform to the student body.

where will the SGA fees come from in the future as our University enrollment declines. Both candidates agreed that revenues will need to come from other sources in the future. Several good examples of where to find new funds, including Student Government takeovers of certain campus functions that are currently subcontracted out to other companies in the local area, were provided by both candidates.

Future parking woes were also discussed; as

some students expressed their opinions that parking space will temporarily decrease as the University continues with their planned expansion projects.

Other topics like, diversity and multi-culturalism, were also presented to the candidates for debate during the session. Williams brought up a very valid point during the debate about these

see Debate, page A6

By Joshua Mussaf
Cable Editor

Embry-Riddle students will once again have the opportunity to meet a current space shuttle astronaut on Wednesday, March 17. NASA astronaut Eileen M. Collins will be the featured speaker during Women in Aviation Week, March 15-19. Astronaut Collins will speak at 8:00 p.m. in the Student Center.

Astronaut Collins, a Major in the U.S. Air Force, was selected by NASA in January 1990, and became an astronaut in July 1991. She is qualified for assignment as a pilot on future space shuttle flight crews. Initially assigned to orbiter systems support, she is presently part of a team responsible for Orbiter prelaunch checkout, final launch configuration, astronaut ingress/egress and landing/recovery.

Collins graduated in 1979 from Air Force Undergraduate Pilot Training at Vance Air Force Base (AFB), Oklahoma, where she was a T-38 instructor pilot until 1982. From 1983 to 1985, she was a C-141 aircraft commander and instructor pilot at Travis AFB, California. She spent the following year as a student with the Air Force Institute of Technology. From 1986-1989 she was assigned to the U.S. Air Force Academy in Colorado, where she was an assis-



Eileen M. Collins

tant professor in mathematics and a T-41 instructor pilot. She was selected for the astronaut program while attending the Air Force Test Pilot School at Edwards AFB, California, from which she graduated in 1990.

Major Collins has logged over 4,000 hours in 30 different types of aircraft.

Major Collins has yet to be assigned to a shuttle flight, however it is very rare for a new astronaut to be assigned to a flight within their first few years of becoming an astronaut.

"Women have had a long and sometimes unrecognized history in aviation and aerospace," said

see Astronaut, page A7

Eagles Basketball team wins trip to Division II championship

By Keith Towers
Sports Editor

Last Wednesday night was the bad news, and then on Thursday came the good news for the ERAU basketball team.

By losing to Webber College for the third time this season, the Eagles lost their chance at an automatic bid for the NAIA Division II national tournament, but found out on Thursday that they were one of the four "at-large" teams to be chosen to attend.

The tournament will pit 20 of the top teams in the country against each other in a six-day single-elimination event.

Tuesday night the team flew to Nampa, Idaho to prepare for their first game on Thursday against Caldwell College out of New Jersey. Both Caldwell and Embry-Riddle have had common opponents in Rollins College and Nova University.

Caldwell lost to Nova and Rollins, while the Eagles beat both teams in each match-up. As the graphic illustrates, the tournament is grueling with four games being played in five days for the eventual champion. If one of the low eight seeds becomes champion, then that team will have played five games in six days.

For the district championship

against the Webber Warriors, the Eagles were dominated almost from the beginning. Led by seniors Don Diedreck, Joe Wright and William Roussaw, the Warriors shot incredibly well and their defense allowed virtually no open shots for the Eagles.

The Eagles lacked two players for the match-up against the team that is now becoming a perennial thorn in the side of Coach Ridder and company. Al Williams sprained his ankle against St. Thomas on the previous Monday, and Tom Fagley was still sidelined with a broken foot.

There is still hope for the team to sport twelve players in Idaho as Williams is sure to return and

Fagley has an outside chance of coming back after light workouts looked promising.

As the game started, both teams were cold as they missed their first shots, but Owen Busch opened the scoring with a three-pointer 1:40 into the game. The Warriors then went on a 12-3 run sparked by junior management major Willie Simmons who drew a foul on Rodney King on a lay-up and then sank the free-throw.

Jeff "Moose" Moore then retaliated with a basket and a three-point play to make the score 12-11. The lead was then traded back and forth as Diedreck sparked the Warriors and Sean Hester had three back-to-

back baskets which were capped by a monster jam on a fast break to make the score 21-18 with 9 minutes left in the first half.

The Warriors then went on a 16-3 run to control the game, and they would never give up the lead for the rest of the showdown. The score at the half was 42-31 in favor of the home team, despite the fact that the Embry-Riddle crowd was larger than the home crowd.

This in part was due to Morrison's and the Bookstore providing two chartered buses to the game. A free dinner was also provided along with a five dollar coupon for clothes in the bookstore.

The Webber advantage could be attributed to the poor transition defense played by the Eagles which allowed many fast break baskets. The baskets were caused by a broken press which the Eagles kept trying, but the Warriors knew exactly how to get the ball to the end.

On the other hand, the Eagles' half-court defense was solid, and not many rebounds were given up to Webber on the defensive end, but the Warriors defense played extremely well, not instituting a press very often.

Another contributing factor was the poor free-throw shooting by the Eagles as a team, shooting only 59% from the line.

Bobby Chisholm is still struggling at the line, making only 2 of 8 free throws, while Moore uncharacteristically shot only 4 of 7 from the stripe.

The beginning of the second half saw one of the strangest and worst things that could have happened to the Eagles as Hester picked up his third foul just ten seconds into the half, and then he picked up his

fourth 2 minutes later. The Eagles pulled within 10 points on a big three-pointer from point guard Paul Braham, but the ERAU side was quickly silenced as freshman forward John Williams answered with a three-pointer for the Warriors.

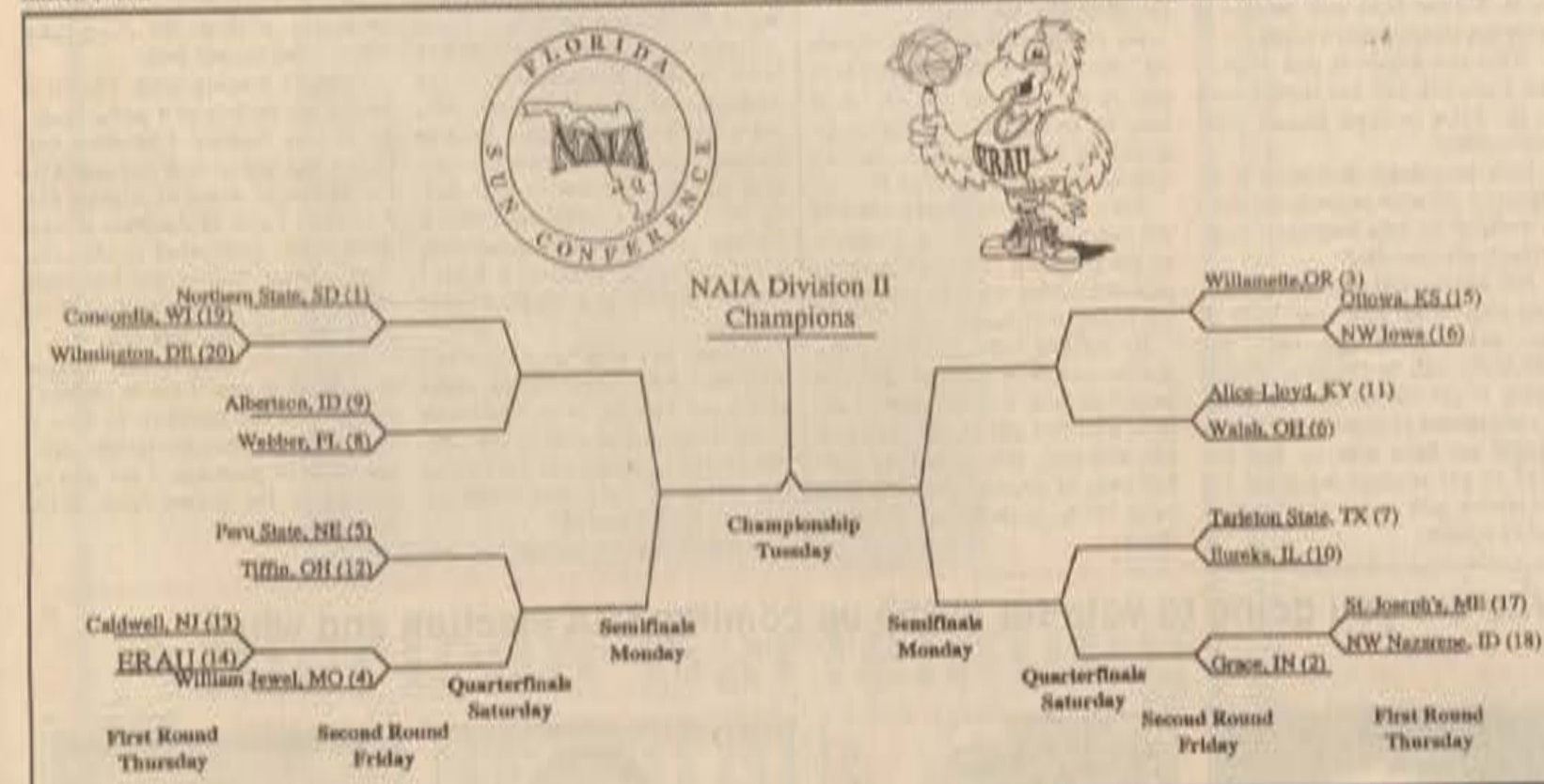
Every time the Eagles would start a run, the Warriors would answer right back to slow their momentum. The Eagles pulled to within 7 points on a 9-2 run sparked a 3-pointer by Busch, a break by Paul Braham who dishd to Chisholm for the easy deuce, and a 3-point play by Kris Shanahan with 12:00 left in the game.

The final score saw Webber gain an automatic bid to the national tournament defeating Embry-Riddle 91-75.

Leading all scorers was Wright of Webber with 23 points, 7 assists, and 7 rebounds. This was followed by teammate Simmons with 18 points. Roussaw had 13 points and 7 rebounds, Paul Gorski added 11 and Diedreck rounded out the Warriors with 10 points.

Leading the Eagles were seniors Shanahan who had 16 points and Hester who had 14 points and 8 rebounds. Busch, Moore, and Chisholm all scored 10 points, while Braham added 9 points and 6 assists in the losing cause.

That is fourth time in a row in as many match-ups that the Eagles have lost to the Warriors. Webber College head coach John Dunlap seems to have the Eagles pegged on exactly how to play them, and it is remotely possible that the two teams may play each other in Idaho next Monday, but first some very strong teams would have to lose to the Sun Conference rivals.



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Daytona Beach police confiscate a \$1,000 bike they believe has been stolen.
see Campus News, page A3

News in brief...

SGA elections

SGA elections will be held today. Students will be able to go to three locations to cast their vote. The locations are in the student center, the AMT building and the ASSL building.

Students will be voting for SGA president and vice president, student representatives and other student leaders. This is the perfect time to get involved.

Movie of the Week

Touch 'n Go Productions will be showing *Forever Young* tomorrow, a

romantic movie starring Mel Gibson, Jamie Lee Curtis and George Wendt (Norm from *Cheers*). The movie is rated PG.

Avion needs reporters

The Avion is always looking for reporters to cover news on campus, in the community and in many other interesting areas as well. If you have strong writing skills, or would like to work on getting some, then stop by the Avion office for more information. Many graduates loose out on good jobs because they do not possess good writing skills.



NASA has delayed the launch of the space shuttle Columbia after it found a fluid leak.
see Space Technology, page B2

THE AVION
Embry-Riddle Aeronautical University

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Staff Commentary: A Look at the Candidates

Jeff Williams



Roland Houle
Senior Staff

Since I first started attending Embry-Riddle, I have seen six different Student Government Association presidents.

Also, the entire time I have been at ERAU, I have been involved in the SGA in some way - as an Avion staff member, a Student Representative and as an SGA Division Head.

The main problem I see with the SGA president is that the job only lasts one year.

At least one-third of the time the SGA president is in office, he or she is "learning the ropes."

Then, during the final month or so in office, the president is training his successor and preparing to step down.

All this means that out of an entire year in office, your Student Government president is most effective for only half of that time.

Now, you have a chance to change that, since for the first time since I have been here at least, the current SGA president is running for re-election - Jeff Williams.

The fact that there will be no transition period if Jeff is elected will mean that the SGA will be able to serve the students much better.

What that means is that projects and goals that Jeff has started, such as the SGA strategic master plan, will continue.

New presidents will need to be informed on what projects the SGA is working on, and sometimes those projects get cancelled.

Jeff has worked hard for the student body in the past year. With all the new buildings that the University will be building, WERU trying to get started and the many organizational changes that Embry-Riddle has been making, Jeff has tried to get student input for his decisions and voice the student body's opinion.

As Jeff stated, "the ball is rolling, and I (Jeff) would like to keep it rolling."

With the many changes that are taking place on campus right now, Jeff would be able to add student input from the start, since he has been helping to identify and solve Embry-Riddle's problems for the past year.

In the future, Jeff's main concern will be enhancing student life. He realizes that Embry-Riddle is trying to become a more resident campus, but this cannot happen until there are more social activities on campus.

Jeff first got involved in the SGA two years ago when he became a Student Representative for maintenance technology program.

At the end of this term, he successfully ran for SGA president. No student at this school has more SGA knowledge or experience than he does. Jeff's vice presidential running mate does come close behind, though.

Chris Hymer, an aeronautical science student, will be running as Jeff's teammate.

Chris has been on the Student Representative Board for the past year and served as its chairperson for two semesters.

He has also served on several University committees, as president of the Naval Aviation Club and graduate of the Student Leadership Development Program.

As vice president, Chris intends on "trimming the fat" off SGA budgets so the students can get "more bang for their buck" - increasing the quality of service the SGA provides without increasing the SGA fee.

Also, he intends to take some of the internal duties off the president, so the president can concentrate on external duties, such as serving on the Board of Trustees.

By electing Jeff and Chris to the positions of SGA president and vice president, you will be electing the most qualified and experienced people, and also, you are asking for a full year of productive work from your SGA, without the learning curve.

Jeremy Pisell



John Luke
Staff Reporter

Jeremy Pisell is running against Jeff Williams for the position of SGA president. Students vote today.

Although Jeff Williams has served diligently this past year, I feel it is time to pass leadership onto Jeremy Pisell where fresh ideas and new perspectives may be brought to this pinnacle position in our Student Government Association (SGA), the important position of SGA president.

One major difference I noticed between Jeremy and Jeff during the SGA presidential election debate on Monday was that Jeremy looks forward to leading a more proactive SGA than Jeff has operated in the past. The example which I applauded from Jeremy, was that the SGA should act to help clubs and organizations more during their formation through the SGA rather than just putting forward requirements and expecting the club to respond.

He pointed out that the campus radio station, although here now, has been a long time in coming. Jeremy feels that the SGA could have acted more proactively to help that organization get started than they actually did, in the past few years.

Jeremy's job this past year has been Student Representative for Aeronautical Science students. His SGA involvement includes: Student Representative Board (SRB) member, Chapel committee member, Homecoming committee, Black History Month committee member, Flight Student Advisory Board member and Flight evaluation board member.

Jeremy has also been involved with the ERAU Cheerleading squad since the fall of 1990, Omicron Delta Kappa honor society since the fall of 1992, intramural softball in the spring of 1992, and volunteer network HUB member.

Jeremy's honors include the fol-

lowing: Dean's List (4 times), National Dean's List, Who's who among college students in America, amongst others. Jeremy plans to graduate in the spring of 1994, and pursue an aviation related career with his Aeronautical Science degree.

When asked why he should be elected, Jeremy said, "I feel that the SGA president should be a person who has as much contact with the students as possible, as well as the administrators, so that the students' views can be expressed to the administrators. I believe the president should be a person that communicates well with everyone, such as listening to everyone's views and communicating those views."

"Also," Jeremy added, "the person should be able to utilize all available resources to inform the students about the SGA and the University. And, I feel that I am such a person and could do this job very well."

Concerning Jeff Williams, Jeremy noted, "It's not really that he wouldn't be able to perform ... but once you've been in a job for a while, you tend to get complacent and closed minded and the new ideas don't seem to flow in as well."

Certainly, a transition period would occur if Jeremy is elected. However, I feel that his fresh perspective and dynamic leadership style would forge a new age of leadership and infuse teamwork and diversity within the SGA and amongst the student body.

Jeremy's running mate, Christian Smith, has no less of a stellar background as Jeremy. Christian has been a resident advisor and works in the office of Student Affairs for Associate Dean of Students Becky Robertson; Robertson is also the SGA adviser. Jeremy and Christian show the experience and skill to make the SGA great this year.

The biggest thing Jeremy wishes to promote is new ways to communicate with the students. In fact, I think that the students should elect him as SGA president. I ask you to vote today, for Jeremy Pisell, SGA president.

Letter to the Editor:

Wormholes

To the Editor:

I would like to comment on time travel, e. g., wormholes. Time suggests an irreversibility of consequences, i. e., that effect follows cause. "Traveling through time" mixes metaphors.

A setting sun and the ticking of an atomic clock reflect the reality called "time." Relativity describes observations of interrelationships between space, matter, energy and time when the amount of matter is small, the distances are large, energy levels are high, and time can be measured very precisely.

The boundaries separating matter from energy and space from time become blurred when particles reach extremely high velocities. Time can appear to become reversed through a mistake in perception. A person could stare directly at their own back if they could run in circles fast enough. The radiation from a red shift travels at the speed of light. If a person ran fast enough to cover the circumference of a circle before the radiation passed, they could be looking at their own back, e. g., the radiation emitted from their red shirt. Would they then conclude that they were in two places at once? Perhaps.

Two atomic clocks which operate identically on Earth will behave differently when one is launched into orbit. The orbiting clock will run slower. Both pendulums and sub-atomic interactions rely on periodic repetition and counting to indicate time. Space, time, matter and energy demonstrate definite, predictable relationships which are referred to as natural laws. Limitations imposed by the light-speed barrier forces one of two conditions when space is rapidly traversed by matter. Either the apparent mass of the matter increases, rendering accelerating forces benign, or the matter becomes a form of energy which appears to have no mass.

If the amounts and juxtaposition of system components attempt to violate natural laws, system behavior responds accordingly. Certain barriers, once crossed, cannot be re-crossed to obtain conditions identical to those previously existing. The system which led to the transformation no longer exists. Returning an atomic clock from orbit will not reset its value to that of its twin clock on Earth anymore than an automobile which has crashed into a solid wall can be repaired by driving it in reverse.

As one of my undergraduate professors used to say, "Figures do not lie, but liars sure can figure." There are no substitutes for simple understanding of what you already know. Things which seem suspect probably are. Ask questions and challenge what seem to be answers.

Prof. M. L. Grogan
Engineering Technology
March 8, 1993

Waste of Our Cash

To the Editor:

As a student at ERAU, I feel that everyone of my tuition dollars should be used in an effective way, and most of the time I trust the financial planners of this institution to put my money to good use. However, I cannot believe the stupidity and poor planning procedures that were and are being used surrounding the infamous intersection of Richard Petty Blvd and the school's North entrance. In the February 24 issue of the Avion, I read that "the University has approved a \$35,000 capital budget to install a traffic light that would allow students to turn left onto Richard Petty Boulevard" When the Woolperts came to school on February 25, I brought up the issue of this intersection and asked why a

see Letters, page A6

Student Forum

The Avion Asks: Who are you going to vote for in the up coming SGA election and why?



John Ward
Av. Computer Sci.
"Jeff Williams... because they are very intellectual people, and know how to run the SGA."



Tyrus Young
Aero Engineering
"Jeff Williams because he is an incumbent president and take over time would not be too long."



Steve Gulotta
Av. Business Admin.
"Jeff Williams, the reason why is that I know them more on a personal level."



John Tubb
Aero Engineering
"Jeff Williams, experience shows the way."



Clyde Banel
Av. Computer Sci.
"Jeff, because he served as SGA president last year and has the experience."



Manny Limardo
Aero Science
"Jeff Williams because he stressed... diversity and minorities."

Women in aviation honored for an entire week

By Amy Vidovich
Staff Reporter

The time of year has come to promote women in aviation. March 15-19 has been designated as Women in Aviation Week. This week is being coordinated by the Woman's Programming Board which is a division of Student Affairs. This year the theme for this week will be "Reflections of Women in Aviation: Looking to the Stars."

During this week there will be games with great prizes during the afternoon between 10 a.m. and 2 p.m. at the flight deck. Everyone who participates will receive a prize. There will also be many successful women at hand to speak throughout the week. They will speak about themselves and answer any questions anyone might have. Door prizes will be given for every speaker.

Activities during Tuesday, Wednesday and Thursday will be

open to the community. The University would like to raise the community's awareness of women in aviation. This public service will be announced on cable and radio.

Following is an in depth schedule of the weeks events.

Monday, March 15th
The afternoon's activities will begin with an Obstacle Course. The winner of this event will receive 20 free wings from Hooters. For all the aspiring artists in Daytona, there will be a Sidewalk Chalk Art Contest. The winning artist will receive a prize package from Delta. The afternoon will conclude with a Women in Aviation History Trivia Game. Posters with all the information necessary to win this game will be posted throughout the Student Center. A six-pack of Crystal Pepsi and a mug will be awarded to the winner of this game.

There will be an Opening Reception in the Spruance Hall Atrium at 6:30 p.m. Embry-Riddle

The University would like to raise the community's awareness of women in aviation.

welcomes Mayor Kelly and Kaye Downing. Downing, a retired U.S. Air Force Captain, will be speaking at the reception and is being sponsored by Embry-Riddle's Future Space Explorers and Developers Society. Dress will be semi-formal attire.

Tuesday, March 16th
A Matching Game, similar to the Memory game most played as a child, will begin the afternoon. The winner of this game will receive a gift certificate from Peter Lee's. The next game will be Riddle Jeopardy and the winner of this game will receive a six pack of Crystal Pepsi and a mug.

At 2:30 p.m. Lieutenant Carolyn

Beatty, a U.S. Navy Pilot will be speaking in the Student Center Conference Room. She is being sponsored by the 99's.

At 6:30 p.m. Susan Fasano, a 1986 graduate of Embry-Riddle, will be speaking in Spruance Hall Room 4. Fasano is currently a First Officer for United Airlines. She is being sponsored by the Theta Phi Alpha sorority. Fasano is the founding President of this sorority.

Wednesday, March 17th
Theta Phi Alpha and Alpha Xi Delta will be sponsoring a Scavenger Hunt. Each group involved will contain four people.

see Women, page A7



Officer Kevin Ramsdell cuts the stolen bike from the rack. The bike was tagged, and taken "downtown."

Police retrieve stolen bike

By Bill De Brauwler
Editor in Chief

Daytona Beach police recovered a \$1,000 bicycle on campus Monday, two months after it was stolen from a local bicycle store.

The bicycle, a Specialized Stump Jumper, was stolen from the Daytona Bike Shop in Ormond Beach on January 11, according to Alan Lipinski, the manager of the bicycle store.

The thief, posing as a customer, had gone to the store and asked if he could test ride the specialized bike.

Since he did not have any identification to leave behind, a store employee joined him on the test ride. It was during the ride that the person evaded the employee by riding through some bushes and disappeared.

Will Broeker, a store employee and an Aeronautical Science student, who came with the police to help identify the stolen bicycle, said that this has been the second bicycle stolen from the store in the past four or five years.

The serial number had been scratched off the frame and had been covered with a dab of red paint.

Last week, Shaun Garvey, an Aerospace Engineering student,

was at the bicycle store buying handle bars when he told them that he had seen a very specialized bicycle on campus.

The employee then told him that they had a very similar bike stolen from the store, and asked him to call whenever he saw the bicycle again.

This Monday, Garvey saw the bicycle chained to the bicycle rack between B and C buildings and called the bicycle store.

They in turn called the Daytona Beach police who came to the University to investigate.

After the police were convinced that it was the stolen bike, they then took it and tagged it for safe keeping, until the store can come and reclaim it.

Yesterday, a student reported to the Safety Department that his bicycle was stolen. Although the Safety Department could not confirm if it was the bicycle that was confiscated by the Daytona Beach police, they did say it probably was.

This has led to speculation by the police and the Safety Department, that the person who had stolen the bicycle may have sold it to an unsuspecting student.

Because the value of the bike is more than \$300, the alleged thief, if apprehended could be charged with grand theft, a third degree felony.

Photo by Jeff Howard

University offers major in software engineering

By Wayne Newby
Campus News Editor

In January of 1994 the Aviation Computer Science Department at Embry-Riddle Aeronautical University will begin a Master's Degree in software engineering. The curriculum is designed to prepare students for high responsibility positions in companies which produce software for the aviation/aerospace industry.

This goal will be achieved by providing the students with the technical tools, techniques and skills in communication, group interaction, management and planning. The flexible structure of the program will allow for the accommodation of a diverse group of students and provide for non-traditional instructional methods.

To be able to participate in the program, the student must have a Bachelor's degree from an accredited

college/university, an overall minimum Grade Point Average of 2.8 with at least a 3.0 in his or her junior year. A knowledge of Computer Organization; Data Structures and Discrete Mathematics is also a requirement.

For those students who lack the computer science background, the Computer Science Department is offering a "leveling" program in the Fall of 1993. It is called Modern Software Development with Ada and C, and it is an excellent opportunity for skill enhancing as well as preparing for the Master of Software Engineering. The leveling program is fifteen weeks long and is designed to provide foundation knowledge for the MSE program. Program topics include an introduction to principles of software engineering, computer science basics, and modern software development environments. Such an environment includes UNIX based networked workstations, X-windows, and state-of-the-art Ada and C



Dr. Iraq Hirmanpour, head of Aviation Computer Science, is responsible for the development of the new major.

development tools.

The program will be offered by the Computer Science Department of Embry-Riddle Aeronautical University in the fall of 1993 from September to December. Classes will meet four and one half hours per day, four days per week for fifteen weeks. Students enrolled in this program can be considered as full-time student status and the course work will equate to 18 credit hours of undergraduate credits. A certificate of completion will be issued to

all graduates.

This program is designed to serve those who wish to enroll in a Master of Software Engineering program which is to start in January 1994 and do not have the necessary undergraduate computer science background.

It also serves professionals with a bachelor degree who wish to update their software development skills or others who want to pursue a new

see Major, page A9

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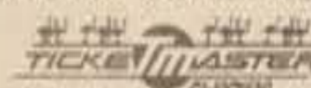
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University offers new program

By Jaylin Billig
Division Editor

This summer, Embry-Riddle will sponsor a flight program for high school students ages 16 to 21, allowing previously inexperienced young people the chance to learn how to fly at Embry-Riddle Aeronautical University.

Sponsored by ERAU's Center for Professional Programs, this program offers three complete and challenging flight programs for students, ranging from easy to difficult: Sun Flight I, Sun Flight II, and Sun Flight Eagle.

The first program, Sun Flight I, is an introductory program and lasts two weeks. It will be held from June 26 to July 10 at ERAU's Daytona Beach campus, and from June 19 to July 3 at the Prescott campus.

The Sun Flight I program consists of a total 32.5 hours of instruction time, including 14 hours observation, 14 hours of hands-on flight instruction, and four hours of pre- and post-flight lectures. A half-hour

of flight time is reserved for students who qualify to solo at the end of the program.

Sun Flight II is for those who wish to prepare to take the Federal Aviation Administration Private Pilot Written Test. This slightly more difficult program will run from July 11 through July 17 at Daytona and July 4 through July 10 at Prescott.

Sun Flight II adds a total of three and a half hours to the students' log book, and also teaches night flying, cross-country flight planning, and one actual flight.

In addition to these programs, the students will be given twenty-two hours of ground school in Federal Aviation Regulations, basic aerodynamics, meteorology, aircraft performance, weight and balance, navigation, aircraft systems and basic flight maneuvers.

All materials, flight supplies, textbooks, and log books will be provided by the university.

The third program is Sun Flight Eagle, and it builds on Sun Flight I



Students in Sun flight courses will be using planes from Embry-Riddle's fleet to eventually get a private license.

& II. This program is for qualified students and enables them to obtain a private pilot's license.

This class will be held from June 26 to August 21 at Daytona and from June 19 to August 14 at Prescott. Sun Flight Eagle will teach the required ground, simulator flight hours needed to take the Private Pilot Written Exam plus the oral and flight tests. Topics covered in this course include basic aircraft control, radio navigation and

air traffic control. The planes used in all three programs will be Embry-Riddle's new fleet of aircraft. The "Gemini Flight" training approach, in which non-flying students observe their partners being instructed. The flight training will be given by qualified University instructors. Simulators, radar systems, and satellite systems meteorology will be available to the students in order to introduce them to aviation technology.

Campus News briefs and notices

Summer Employment

ERAU students interested in seeking summer employment in a resident summer camp setting should contact Jack Slaven in the Career Center. The YMCA of the USA have supplied the Career Center with a special camp issue of the summer YMCA national vacancy list. Positions range greatly in length of employment, wages and locations. Opportunities exist in Connecticut, Maryland, Massachusetts, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, Colorado, Illinois, Michigan, Kansas, Iowa, Minnesota, Nebraska, Ohio, Texas, Oklahoma, Wisconsin, North Carolina and several other states.

To respond to specific listings students should send a resume and cover letter to the contact person listed next to the ad. Additional information is available by contacting Jack Slaven in the Career Center.

Additional Ground labs

An additional section of FA 340, FA 418, FA 419 ground lab will be offered, starting March 15. The ground lab will run daily from 0730 to 0820. For additional details and to sign up, stop by or call Jim Chumley or Mike Rapuano at 226-6979 if calling from off campus or 6979 if calling from on campus. Our office is located at the flight line, building D, room 214. Our office hours are as follows:
Monday 0830-1030 1230-1430
Tuesday 0830-1030 1430-1630
Wednesday 1300-1700
Thursday 0830-1030 1430-1630
Friday 0830-1030 1430-1630

Physical Science tutor lab

The physical science tutor lab will be open for the following hours:
Monday-Friday 0930-2030
Sunday 1300-1800

Help stop condom abuse



As a part of substance awareness week Nick Drosakis and Christine Obrycki, with comedian Jeff Desjarlis (center), demonstrate how to properly apply a condom.

Faculty Profile:

Susan Kelly, The new Career Development Administrator

By John Luke
Staff Reporter

Susan Kelly is the new Career Development Administrator in the Career Center. She started her new role on January 15, 1993. She feels happy in her new role for she said that she enjoys the educational environment and helping others.

Kelly received her Master's of Aeronautical Science from ERAU's Offut AFB College of Continuing Education (CCE) location in Omaha, NE. Kelly said that prior to being a student at Embry-Riddle, she served in the Air Force from 1982 until leaving to come to work at the Career Center here at the Daytona Beach campus.

She graduated from Middletown High School South in Monmouth County, New Jersey in 1978 and went to Lehigh University on an Air Force ROTC scholarship that fall. Upon completing her college work

in 1982, she was immediately assigned to McClellan AFB in Sacramento, CA until 1986. There she was the "base interior designer," she also had management analysis responsibilities. In 1986 Kelly received her final promotion in the Air Force, to Captain.

Then, she was assigned to Sondrestrom Air Base in Greenland for a year. There she was the first and only female "quality assurance evaluator" for the distant early warning system (EWS).

From 1987 until 1989, Kelly served at Robbins AFB in Warner Robbins, GA. Her role there was to develop an operations support program for facility maintenance. She grew her staff from an original five people to a crew of more than 13. Kelly explained, "We did all small contract facilities maintenance and repair for the base. We wrote and monitored all contracts." Kelly said that the average cost of contracts which she administered was \$10,000

each. She said that, on this job, she administered around \$4.2 million in business and cut lead time by two years on all project implementations. For her efforts, Kelly received the 1988 Logistics Command Military Manager of the Year Award.

After Robbins AFB, she was sent to Izmir Air Station in Turkey for 15 months. At this assignment, Kelly said that she was responsible for all facilities repair and construction for USAF and NATO wartime facilities in western Turkey. She said, "It was a major slot. We also did a lot of the initial set up for 'Desert Shield,' before I left." While in Turkey, Kelly received her Master's of Public Administration from a satellite campus of Troy State, Troy, AL.

Kelly said, "In 1990, I was selected as the federal woman's program officer of the year" from the allied forces situated in Turkey. Finally, Kelly was assigned to Offut AFB in Omaha, NE where she encountered Embry-Riddle and finally decided to



Susan Kelly

leave the service. Kelly's distinguished background makes her feel comfortable that she will be able to serve the students well here at ERAU. She plans to offer several seminars this semester designed to teach

see Kelly, page A6

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This is your opportunity to find out what aerobatics is all about! In this 35 to 45 minute flight, you will get a feel for how we teach, as well as how wonderful the CAP 10 is to fly. You will taxi, takeoff, and land, in addition to trying your hand at aerobatic steep turns, spin entry and recovery, and level inverted flight. You will experience numerous maneuvers by following the instructor on the controls as he demonstrates and explains what to look for.

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Short story contest results are in

By Dr. Alan Pratt
Special to the Avion

A story entitled "DC-3" written by Heather Hoyle was selected as the winning entry in the first annual Embry-Riddle Short Short Story Contest sponsored by Sigma Tau Delta (STD) and the Humanities Department.

Heather's story was chosen from among 40 entries in the contest which required that submissions be less than 250 words and contain a reference to aviation.

Heather, an aerospace studies major who is minoring in humanities, said she wrote the story for Professor Glassman's creative writing class and decided to enter it in the contest for fun.

According to Heather, "the story is fictional but it was inspired by childhood visits to the Smithsonian with my father." She will receive a \$50 prize for her short story which appears in the grey box on the right.

Stories which received honorable mentions were "Epitaph" by Chris Hymer and "Catastrophic Collisions and Cutbacks" by Josie Sudham.

The winners were selected by a panel of STD members who judged the entries on creativity, emotional impact and writing style.

"Come on, Grandpa! I want to go see the big whale!"

I was eight years old. My grandfather and I were on our weekly visit to the Smithsonian. This ritual began two years earlier, right after my grandmother had died.

Each week, we would find ourselves staring at a big airplane suspended from the ceiling. He told me it was a DC-3. To me, it just looked like a big ugly hunk of metal. I didn't understand his fascination. We would stand there in silence until I became impatient, and a slight tug on his arm would draw him out of his daze so that we could go on to see other things.

Today was different. He didn't move. Instead, he spoke.

"I met your grandmother on an airplane just like that one. The minute she stepped

on the plane, she stole my heart," he smiled fleetingly, "and as soon as we were up there above the clouds, she learned to smile at me, and I just knew that we were meant for each other, and that we would be together..." his smile faded, "...I had hoped forever."

My eyes turned back to the plane, and it was like I had just seen it for the first time, because what I saw was not like a big ugly hunk of metal. My grandfather's words had transformed it into something beautiful. I could almost see my grandmother smiling down at us through one of the windows. I stood there immersed in my thoughts until they were suddenly interrupted by a slight tug on my hand.

"Come on," my grandfather smiled, "let's go see that whale."

Men at work?



Photo by Joyce Howard

The swimming pool here at ERAU has been drained for about three weeks while the concrete foundation is being covered with new morsite (a compound consisting of limestone and ceramic). The money for the project was budgeted five years ago. Estimated cost is \$55,000, but the final cost has yet to be ascertained. This renovation project was scheduled to be started during the winter. Due to bad weather, and problems with the contractor it was delayed. The pool should be ready for students to use in two or three weeks. The process will have to be repeated in four to five years.

Susan Fasano, First Officer for United Airlines

By Amy Vidovich
Staff Reporter

Susan Fasano, a 1986 graduate from Embry-Riddle, is now flying for United Airlines as a First Officer. She pilots the Boeing 737-300 and 737-500.

Fasano has always been interested in aviation. She took her first flight lesson when she was 15 years old.

Fasano enrolled at Embry-Riddle in 1983. She was involved with many activities on campus. She was the Vice President of the Management Club, Coach for the Precision Flight Team and an Orientation team leader.

Fasano was also the founding President of the first sorority on campus, Theta Phi Alpha. She saw a need for women's organi-

zations on campus. "Embry-Riddle was very intimidating for women. We needed a core group to welcome the women," Fasano said.

It took a couple of years and much hard work on Fasano's part. The school was very supportive of Fasano and her idea to begin such an organization on campus. However, the challenge was in finding a National sorority that would come to such a small and predominately male campus.

Fasano's persistence paid off, Theta Phi Alpha became a success but it was not easy for her. Much pressure was placed on her by Embry-Riddle and Nationals during the first year of its existence.

Fasano graduated with a Bachelors in Aeronautical Science and an Associates in Aviation Management. She also earned her FAA Dispatchers Certificate and her Multi-

engine Instructors Rating while at Riddle.

After graduation Fasano spent approximately one year instructing for Priester Aviation near Chicago, Illinois. After flight instructing she spent one and half years at Air Midwest in St. Louis, Missouri where she flew Metroliners and the Saab Fairchild 340.

In early 1989, she was hired by United Airlines. She began as a flight engineer on a Boeing 727.

Fasano has been flying for United for four years now. She is currently a First Officer and flies the Boeing 737-300 and 737-500.

Fasano has approximately 5,000 hours flying time and hopes to bid for a Captains position in the near future.

Fasano is very satisfied with United. "It is an excellent company with excellent training

facilities and excellent people," Fasano said. Fasano also pointed out that the company makes sure that each pilot is very knowledgeable.

After graduation, Fasano remained involved with the University as part of the ACES program.

Her responsibilities in this organization included attending send-off picnics for new students and visiting local high schools to speak about aviation and Embry-Riddle.

Fasano will be speaking for Women in Aviation Week on Tuesday, March 16th at 6:30 p.m. in Spruance Hall room 4.

She will be telling about her background and giving suggestions for current students.

She will be addressing stereotypes given to women in aviation and will be answering any questions anyone might have.



Susan Fasano

Fasano remains interested in issues concerning women in aviation and welcomes the opportunity to help in any way she can.

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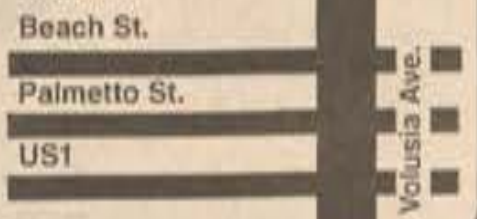


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Sports at a glance

Golf

The Eagle golf team soundly defeated Wabash College of Indiana on Monday by a 293 to 330 score. Dallas Keller, playing in his first competition since the 1991-92 season, led the Eagles with a 69 over 16 holes. The tournament was shortened to 16 holes due to darkness. Supporting Keller were Chris Teller and Jim Dryden, both with 74's. Paul Adam and Rocco DeFrancesco tied for fourth place with 76's. The match was played at Cypress Head Golf Club in Port Orange.

The team will leave for Ft. Lauderdale today to compete in the "Caddyshack Open" hosted by Nova University at the Rolling Hills Golf Club. This should be a very competitive event with 12 teams ranging from NCAA Division I to junior colleges. A middle of the pack finish for the Eagles would be considered excellent in this tournament.

Tennis

Last Wednesday, the Eagles tennis team traveled to Jacksonville for their return match with Florida Community College at Jacksonville.

"We had hoped that we might defeat this team since we came very close in our last meeting," stated Tennis Coach Rudy Knabe.

The revenge did not happen, however, as FCCJ changed their line-up by inserting a new player and shifting others around. Along with this, Chad Winings was still recovering from his illness and was not back up to his normal strength.

Mark Ludwig and Darryl Seow matched up well with their opponents, but could not quite finish them.

After finding himself down 2:5 in the first set, Diego Carbonetti got hot, winning that set 7:6 (7:1) in the tiebreaker. His opponent was crushed 6:0 in the second set. Although the Eagles lost 2:7 the team match was very close.

Intramural Results

Softball - Sunday, March 7

Fubars 12
Social Disorders 2

Woodies 10
Mudslingers 4

Undertakers over
AHP

Regal Beagles over
Underdogs

Ground Effect 13
BMF 6

Tailhookers 9
Braves 4

Sexual Harassment 11
Corleone Family 6

Violators 10
Slackers 2

Los Bichotes 6
Woodies 5

Perpetual Motion over
Lambda Chi

Won By One 11
Holy Rollers 0

Bush Pilots 14
Mudskippers 11

Sigma Pi 14
Bladder Boys 10

Rototillers 10
Migrating Coconuts 2

GSA Over the Hill 17
Matt's Crew 5

He-Man 16
Diggers 3

Standings:

Ground Effect 6-0
Fubars 5-0
Social Disorders 4-1
Lambda Chi 2-1-1
Holy Rollers 4-2
Sexual Harassment 5-1
Corleone Family 4-2
BMF 4-2
Migrating Coconuts 4-2
Undertakers 4-1

Rototillers 4-1
He-Man 4-1
GSA Over the Hill 4-1
Violators 4-2
Slackers 2-2-1
Eagle Flight Team 2-1
Mudslingers 2-3
Perpetual Motion 3-2
Tailhookers 2-1-1
Matt's Crew 1-2-1
Diggers 1-2
AHP 1-2
Underdogs 1-3-1
Won By One 2-2-1
Woodies 2-3-1
Bladder Boys 1-3
Los Bichotes 2-2
Unforgiven 1-1-1
Braves 1-2-1
Sigma Pi 2-3
Bush Pilots 2-4
Mudskippers 1-5
Regal Beagles 2-3
Vet's Club 2-1

Flr Hockey-Thurs, March 4

Random Violence 2
Hungry Somallians 1

Lambda Chi 1
Milfers 0

Breakers 2
Tru Fu Schnicks 0

Kings 3
Canuxx 0

Standings:

Breakers 7-0
Random Violence 7-2
Hungry Somallians 4-2-2
Sigma Chi 3-2-2
Dirt Chickens 4-4
Lambda Chi 4-3
True Fu Schnicks 3-4-1
Village People 3-3-1
Kings 3-4
Milfers 0-5
Canuxx 0-7

Feature Picture



The Recreation department held a pep-rally for the Eagles basketball team last week before the Webber game. Some onlookers (above) began to toss the beloved Eagle mascot around in a show of support for the team.

Crew team starts 1993 season

By Amy Vidovich

Staff Reporter

The Embry-Riddle Crew Team attended their first regatta for the 1993 racing season this past Saturday in Gainesville. The team competed against the University of Florida and Stetson in two events: the men's four and the men's eight. Riddle "rowed" away with an impressive first and second place in the men's four and a second place in the men's eight.

The conditions for the race were good with the winds having negligible effects on the boats.

The President and assistant coach of the team, Louis Cinquante, reported that the other teams were impressed with the teams equipment and performance considering that this is only the team's second season.

"The hard work and dedication is starting to pay off," head Coach, Paul Quinn said.

The team's next regatta will be an enormous one. It will be held

Saturday March 13 in Tampa. Yale, Notre Dame and many other Universities from Florida will be attending.

Anyone interested in supporting the team by attending this meet should leave a note with their name and a phone number in the Crew Team mailbox located in the Student Activities Office.

This past Saturday was only the beginning of a long racing season. The team has definitely started on a good note.

Letters

(continued from page A2)

stop light was needed. I told one of the school designers my ingenious idea: move the stop sign which stands at the old entrance 200 ft. away (no one really stops there anyway) and place it at the new intersection. I just thought that since we are now mature college students, we know how to use a stop sign and the stop light is unnecessary. His excuse was that since Richard Petty Blvd. is owned by the county and it is a 4-lane road, the county requires a stop light at such an intersection. That seemed reasonable until I really thought about it.

To anyone involved with the planning of this intersection, I ask you to go to the intersection of Corsair Dr. and Petty Blvd. Better yet, go to the intersection of Corsair Dr. and the new improved International Speedway Blvd. Those sure look like stop signs to me. Also, How come Mainland High School students are allowed to turn left onto Clyde Morris without a \$35,000 stop light? There are stop signs all over the county at these types of intersections much busier than Petty Blvd. I honestly cannot believe the University is falling for this. I see this as another open opportunity for Volusia County and the City of Daytona Beach to squeeze that much more money out of Embry-Riddle students. I find it difficult to figure out who to blame for this mess. Why did the original planner build it with a no left turn only to get paid again to build it over to allow left hand

turns? Why does it seem no one is on the students' side? Aren't we the ones paying for all of this?

This is almost as bad as the bright orange paint on the side of the racquetball courts last year. Hmmm, I wonder who put that paint on there. If it costs the University \$3,000 to patch up a few fork holes, then someone's wasting our money. Could it be that just a small portion of that \$3,000 was used to cover up the original paint? The school did more damage to the building than the vandals themselves.

One other area this school wastes a lot of money is the mass mailings at the post office i.e. credit card offers, bookstore sales, semester schedules. Any sane person who walks through the mail room on the days of these mailings knows exactly what I mean. Students obviously don't like them. Now don't get me wrong, I'm not an environmentalist wacko complaining about the depletion of our forests, but this does waste money. Can't they advertise in the Avion. Besides, someone could slip and fall over all that paper on the mail room floor and sue the school for \$35,000. But of course the school doesn't have this kind of money because they just spent it on a beautiful new traffic light.

As a student, I am tired of this University using my tuition dollars on these ridiculous projects. I urge any student who has these same opinions to speak out. It's your school and your money.

Jason Zbick
Box #5735

Kelly

(continued from page A4)

resume and cover letter writing which would include several methods of formatting the resume. She also plans to teach students about "job cards" which would serve as a mini-resume for employers to be reminded of the applicant during contact and afterward. She said, "I would like for students who are graduating this term to come in for one on one counseling." Kelly likes

answering student questions regarding the job-search process and she looks forward to answering and informing student and alumni of how to get started.

Although she will be offering job-search seminars, she feels that these are too generic to meet the varying needs of the diverse ERAU students and alumni. Therefore, she invites students and alumni to approach her in the Career Center, for advice and help in job searching.

Major

(continued from page A3)

career in the software engineering profession.

A minimum of 20 students are required to offer the course and maximum capacity is limited to 30 students. All applications must be received prior to June 1, 1993 at which time a decision will be made whether or not to offer the program.

Qualified applicants will be accepted on a first come first served basis and until the maximum capacity of 30 is met. Applicants are encouraged to apply early. For program specific questions contact the Computer Science Department extension, 6690, (fax 904-226-6008). The Program Chair can be reached on email at iraj@erau.db.erau.edu. This program consists of 2 parallel tracks. Classes for track I are 2 and one half hours per day and in track II are 2 hours per day. Classes meet four days a week for 15 weeks.

Debate

(continued from page A1)

topics. He stated that racism is a product of stupidity. Williams received a round of applause from many of the students who participated in the audience.

Pisell, who sat on the Black History Month committee, also acknowledged the need for greater diversity amongst the student body, and seems to have made it one of his prime goals.

It was clear that the candidates agreed on certain questions, like how the SGA should function or the need to inform students. However, a few opposing viewpoints appeared as the debate continued.

Overall, the debate appears to have been a success for the candidates and the students who participated. However a debate does not make an election. The final results will be clear later today after the student body votes and the results of the election have been tabulated by the elections committee and presented to the student body.

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Clinton presents economic plan to American people

WASHINGTON, D.C. (AP) — President Clinton used his Saturday radio address to push his plan for \$160 billion in new federal spending, citing the country's "anemic" economic recovery as evidence of the need for new job-creating programs.

Clinton said his "national investment strategy" was designed to put money into programs that will strengthen the country's economic base, promote education and self-reliance and create 8 million jobs over the next four years.

"Every investment we make is paid for dollar-for-dollar by spend-

ing cuts in existing programs," Clinton said in his weekly radio address from the Oval Office. "Every investment is designed to make us smarter, safer and more secure, now and in the long term."

The president also restated his intention to make regulatory changes that will make it easier for small and medium-sized businesses to get loans, enabling them to "expand, grow and create jobs again." He said the new credit rules would be released next week.

Meanwhile, the National League of Cities endorsed Clinton's economic strategy and said the organi-

zation would work with the president and Congress to produce a budget resolution by April 2 that provides "the blueprint for real deficit reduction, restarting our economies and long-term investment."

"President Clinton has developed an action plan to get our national and local economies growing again..." said a resolution issued by the league's board of directors.

The president addressed the league's legislative conference on Monday.

Clinton had no other public events on his weekend schedule and planned to use the time to rest and

catch up on items in his "in-box," aides said.

The president's economic plan includes a blend of budget cuts, tax increases and new spending initiatives. It is designed to reduce the deficit by \$325 billion over four years while channeling \$160 billion into areas such as construction projects, education and children's programs, job training and apprenticeship efforts and health initiatives.

Critics say the plan contains too many tax increases, too much new spending disguised as "investments," and not enough budget cuts.

In the Republican response to

Clinton's address, Sen. Ted Stevens of Alaska said the president's package was "not just an economic plan."

"It's a series of proposals to make fundamental changes in America," Stevens said. "All Americans will have to examine these changes and decide if they really want an entirely new social agenda paid for by new taxes, not cuts in existing spending."

Clinton said his spending priorities "embraced old-fashioned ideas, like education and work and self-reliance, but they meet the challenges of the new economy with an arsenal of new ideas."

He added that while the nation's

unemployment rate is declining, "we certainly can't declare victory now."

"If this anemic recovery is the best we can do, it's further proof that real changes are needed to produce a better economy and a better life for our people," he said.

Clinton added that his critics "lack the vision to support these investments because they say that we shouldn't spend any new money trying to grow the economy."

"It's not that they have a plan to make the economy grow, but they just dismiss the investment portion of our program by calling it more government spending."

Europe offers cheap travel alternative for students

College Press Service

A fast-food lunch commonly runs \$8 and ketchup and water costs extra. So how can a college student afford a vacation in Europe?

There are many ways, from standing up when you eat to taking trains at night to befriending farmers, travel experts say.

Traveling in winter is near the top on the list of money-savers.

"This is a low travel time, so airlines extend sales. All of the traditional holidays are more expensive because there's more demand," said Peggy Mahoney, spokeswoman for Continental Airlines.

But for students who won't be unleashed from school until May, bargains can still be found. In most of Europe, peak season begins around May 23, said Will Cornell of American International Youth Hostels in Boulder, Colo. Even then, he added, it's possible to vacation on a shoestring.

"Housing isn't expensive unless you're going to spend a lot of time in the big cities," he said.

High season in Italy doesn't start until June, said Mary Kay Hartley of the Italian Tourism Board. Lodging will be cheaper until then. Food is always cheaper if you eat it standing, she added.

Hartley advises budget-conscious students to dine at the little bakeries and cafes that dot Italian cities. They often have tables but, "when you sit down they charge more," she said.

Both Rail Europe and BritRail have special year-round rates for travelers under 25. With a Rail Europe pass, you can travel by train through 17 countries. BritRail makes stops in cities throughout the United Kingdom.

A Rail Europe "Youth Flexipass" ranges from \$220, for five days of travel in a two-month period, to \$698 for two months of consecutive travel. BritRail Youth Passes begin at \$155 for any four

days in an eight-day period, to \$309 for any 15 days in two months.

"European countries are very close to one another," said Claude Monte of Rail Europe. "So train is the main mode of transportation. You can go from one country to another in five hours."

U.S. visitors also should consider traveling through smaller towns, rather than spending all of their time in the major cities. Spending time in out-of-the-way towns also is more fun because travelers get more opportunities to get to know the natives.

As in past generations, young Americans still frequent smoky-but-cheap eateries on Paris' Left Bank, near the Sorbonne University.

There they can buy more French-style treats like grilled ham and cheese sandwiches, with an extra layer of browned cheese covering the top slice of bread. Or they may settle for a miniature pizza of questionable quality.

What '90s student-travelers see along St. Michel Boulevard that their parents didn't is a fast-food outlet or two.

Whether it's McDonald's or a European version of it, like "Quick" or "Italy and Italy," assembly-line burgers and fries cost about 30 percent more than in the United States. Plus, the ketchup costs an extra quarter and bottled water is sold for about a buck.

In Europe, housing costs are often easier to scale down than food expenses. Venice has a stock of small, family-run hotels that run from \$18 to \$40 a night.

A tourist information booth in the city train station offers a free referral system. Clerks contact local hotels, checking for vacancies.

France is cheaper than England, said Jennifer Thornton, an American student spending her junior year at Oxford University.

In Paris, you can get a room for about \$20, she said. "In London, a room starts at about \$55. So

students who go there are more likely to stay in youth hostels," Thornton said.

But, she warns, "In hostels Americans spend the majority of their time with other Americans."

The Council on International Education Exchange has published a special issue of *Student Travels Magazine* that gives a variety of tips for safe, cheap travel through Europe this summer, such as the following:

- When traveling by train through Europe, travel at night and save the cost of a night's lodging.
- If traveling by car, find additional riders to share the expenses through rideshare information services, such as France's Allostop.
- Take advantage of student discounts for air fares, museums, theaters and other tourist sights.

While most hostels range from \$8-\$18 a night, occasionally a guest can stay free if he or she is willing to work in exchange for lodging.

That's what Cornell did when he traveled through Europe for four years, except he worked on farms.

"In Scotland, some farmers will let students spend the night if they'll do four or five hours of work. And breakfast is free," he said.

July and August, when the prices of visiting Europe climbs, the need for temporary farm help also rises. Students can find out which need workers, Cornell said, by asking at local churches.

Generally, the best cost savings on travel is advance research and planning. Decide your destination and length of stay, then canvass local bookstores and libraries for information on how to travel through foreign countries cheaply.

If you want to spend some time in another country, there are various private and government agencies that can help.

The Peace Corps puts U.S. citizens to work in other countries, while Global Volunteers, a St. Paul, Minn. based group, places U.S. students for two to three weeks in overseas volunteer jobs.



Many American students find Europe an interesting and cheap place to visit, if you know where to look. There are many bargains to be had.

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Women

(continued from page A3)

The winning team will be awarded with an Entertainment Prize Package. There will also be another Trivia Game. The Women's Programming Board is sponsoring the Misty Blues Sky Diving Team for the afternoon.

At 2:30 p.m. Maxine Kilgore, a 1992 graduate of Embry Riddle, will be speaking about "Career Planning and Job Hunting" in the Student Center Conference Room. Kilgore is being sponsored by Future Professional Women in Aviation.

Eileen Collins, a NASA Astronaut, will be speaking in the Student Center at 8:00 p.m. She is being sponsored by the Aerospace Society.

Thursday, March 18th

There will be an Airplane Decorating Contest and the winner will receive a NASA jacket. For those who enjoy playing with their food, there will be a Gummi Jet Flying Contest. Another game of Riddle Jeopardy will be played. Kimberly Weisner, an American Airlines Pilot will be speaking (location and time to be announced).

Brothers of the Wind is sponsoring Louise Boyd, a NASA Aerospace Technologist, who will be speaking at 6:30 p.m. in the Endeavor Conference Room. Touch 'n Go Productions is planning to present the movie Bodyguard. Alpha Xi Delta will be sponsoring the picture and popcorn. There will be a drawing for a movie prize package also. This will take place in the Student Center at 8:30 p.m.

Astronaut

(continued from page A1)

President Steven Sliwa, University president, "We're proud to celebrate Women in Aviation Week to raise awareness of women in the aviation and aerospace industries and to encourage more women to enter these exciting fields."

Astronaut Collins' visit is being co-sponsored by the Embry-Riddle Aerospace Society and the Women's Programming Board.

With this visit, it is hoped that the students of Embry-Riddle will become more interested in space, and have a better understanding of what it takes to have the right stuff.

Friday, March 19th

Super Twister will start the afternoon and the prize for the winner will be a helicopter ride. The last Trivia game will be played. This is also the rain date for the Sidewalk Chalk Art Contest.

The Student Alumni Association is sponsoring Captain Patricia Fields who is a 1980 graduate of Embry Riddle and currently an Army helicopter pilot (location and time to be announced).

Mrs. Nancy Sliwa will be available to speak with at a "Meet the First Lady" afternoon tea in the Student Center Conference Room at 3:30 p.m. She is being sponsored by the Women's Programming Board.

To add some humor to the week, a comedian will be sponsored by Touch 'n Go Productions. Mary Ellen Hooper will be entertaining at 5:30 p.m. at the Flight Deck.

The week will be ending with an exclusive female retreat. It will take place at the KOA Campgrounds in St. Petersburg. There will be four two-room cabins available with air conditioning. The campground facilities include three hot tubs, bicycle and hiking trails, fishing docks and a large pool. The grounds a located two miles from the beach and Shopping is in the immediate area.

Attendees should plan on leaving early Saturday morning and returning Sunday evening. The total cost for everything including transportation is \$10.00. However, there is a limit of 40 women permitted on the retreat.

Everyone is encouraged to take advantage of the opportunities that will be provided.

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Authorities are puzzled by the preparation of Waco religious cult

WACO, Texas (AP) — Less than an hour after being observed carrying on routinely after Sunday morning prayer, Branch Davidian cult members had formed a fighting force that turned back more than 100 federal agents.

A week later, with a stalemate continuing, authorities are still trying to figure out how they did it.

Bureau of Alcohol, Tobacco and Firearms agents were met by sophisticated high-caliber gunfire when they tried to execute search and arrest warrants on the cult. Four ATF agents were killed and federal sources have said at least 10 cult members died.

Authorities have repeatedly said they believe the tide turned because the sect got a tipoff phone call.

But that theory may be dissolving. "What we may find over time was that it was an accumulation of evi-

dence that signaled to cultists something was wrong," Jack Killorin, an ATF spokesman, said late last week.

Among the potential items that, at the least, raised tensions among a sect whose members were known to patrol their 77-acre compound:

The sudden exit of a visitor, the so-called Robert Gonzales who cult members say portrayed himself as a neighbor, 45 minutes before the agents arrived.

A phone call just before the visitor left.

The presence of unmarked four-wheel drive vehicles near the compound shortly before the raid.

And a newspaper series, begun a day earlier, of the cult's arms buildup and its polygamist leader's unusual beliefs. *The Waco Tribune-Herald*, on the day of the raid, asked in an editorial what authorities were going to do about the fearsome group.

With the exception of the phone call, of unknown origin and content, none of the conditions taken singularly are likely to have spurred the cult to arms.

Cult leader David Koresh, in comments on radio and TV the night after the raid, cited the behavior of mystery man Gonzales, who had recently moved in next door and showed an interest in both the Bible and guns.

"He was a young man who was part of the federal agency that moved in about a month ago to spy on us," Koresh said.

ATF agents have said that at least three agents worked undercover to get information on the sect but have not acknowledged any names.

Cult members say Gonzales attended religious studies and toured the compound.

"He showed an interest," said

Steve Schneider, a cult member and attorney, who spoke on radio after the raid. "We were suspect, but we thought if the man wants to hear again, that's what we're about."

One day, Gonzales brought a high-powered gun to Koresh.

"He tried to act very ignorant about his firearms," Koresh said. "Of course, he gave himself away by his mannerisms and the way he handled himself around the firearms so I knew he was at least a decent marksman."

Schneider said Gonzales went to the compound for prayer service last Sunday but left quickly, saying he had to eat breakfast.

"As soon as he went out the door, he went over across the street to the house, we noticed that he left right away," Schneider said. "He had no time to eat breakfast or anything

like that."

ATF officials have said the undercover agent who visited the compound before the raid saw a cult member receive a telephone call that changed the atmosphere inside. The person who took the call began reading scriptures after hanging up.

Dan Hartnett, associate director of ATF, has indicated that was the tipoff call. U.S. attorneys and other investigators are trying to determine who made it and what was said, but that may not be known until the standoff ends.

Killorin, asked why a wiretap wasn't placed on the cult's phone, said a judge wouldn't have allowed it.

"To get a tap you have to have evidence that they're using the phone in the commission of a crime and that other investigative tech-

niques are, or can be shown to be, unworkable," he said, noting the issuance of warrants showed other investigative techniques were sufficient.

Authorities also wonder whether the newspaper's reporting or four-wheel drive trucks of TV reporters, who said they were there after hearing a great deal of activity on police scanners, raised the wariness, even paranoia, within the compound.

"Those are not unusual vehicles for that road. They were not marked as news media," Killorin said. Did they see these vehicles and perceive them as unmarked law enforcement vehicles?

"What we're really asking is why did David Koresh take his followers out of his normal Sunday morning routine and into full ambush ready for us," he said. "The answers are in that compound."

Clinton wants sanctions tightened against Serbs

WASHINGTON (AP) — It's obvious now, after six weeks on the job, that the Clinton administration has no magic formula to end the war in the seething quagmire that once was Yugoslavia.

Despite some bold promises by Bill Clinton last year on the stump while he was trying to take over the responsibility from George Bush, the beleaguered Muslims are not getting U.S. military help to stop the charging Serbs.

Nor has the Clinton administration made its own proposal for a territorial settlement to replace the one by international mediators Cyrus R. Vance and Lord Owen. The administration said the Vance-Owen plan was unfair to the Muslims and rewarded the Serbs for their "ethnic cleansing" campaign.

On several occasions, Secretary of State Warren M. Christopher has suggested what might have worked a year ago is no longer feasible. "We're doing all we can in the situation that we found when we came into office," he said Thursday.

This is what the administration is doing:

Airdropping food and medicine to eastern Bosnia, despite claims by some Muslim leaders that the relief packages are turning out to be "bait

that exposes civilians to Serb gunfire.

Responding today to that concern, Clinton said he did not believe the airlift had exposed Bosnians to any more danger than they faced already.

Assuming a larger role through special U.S. mediator Reginald Bartholomew, Vance and Owen are holding negotiations in New York with the warring parties. The idea is to see if their package can be revised to make it acceptable to the Muslims without alienating the Serbs.

The Clinton Administration is offering to contribute an American contingent as part of a U.N. or NATO peacekeeping force if a settlement is reached.

Clinton is calling on the United Nations to send more observers to the Balkans as well as looking for ways to tighten U.N. trade sanctions against the federation of Serbia and

Montenegro. "We want to find ways to tighten the embargo and we are moving on that right now," the President told a group of mayors.

The package would also include drawing a line at Kosovo, the predominantly ethnic Albanian section of Serbia, with a warning to Belgrade to temper its hard-line policies.

Christopher said Thursday there has been some progress. Asked to explain, Richard A. Boucher, the State Department spokesman, cited Muslim acceptance of the military section of the Vance-Owen package. Accepted earlier by Serbs and Croats, it includes provisions for a cease-fire, monitoring of heavy weapons and demilitarization of Sarajevo, the Bosnian capital.

The two other sections deal with which areas of Bosnia will be under Serbian control and which under the

Muslims and the degree of control the central government in Sarajevo will have over the provinces.

The Serbs now hold more than 70 percent of Bosnia even though the Muslims are the largest ethnic group in the former Yugoslav republic. They are likely to wind up in any settlement with more power than their numbers would otherwise suggest, but perhaps less than Vance and Owen were willing to accord them.

If the Muslims are mollified by a partial rollback there could be a settlement. They had been hoping for more substantial help from the Clinton administration.

After all, candidate Clinton was sympathetic. "I would begin with air power against the Serbs to try to restore the basic conditions of humanity," he said last summer.

The Muslims had hoped the United States not only would knock out Serbian mortars but would also lift the worldwide arms embargo imposed on all sides and provide the Muslims with weapons.

That option had its champions during a three-week policy review. But caution won out and the administration hopes its modest approach will succeed.

"... We want to find ways to tighten the embargo and we are moving on that right now..."

-President Bill Clinton

Woman has car stolen only to get it back in better shape

APOLLO BEACH, Fla. (AP) — When her car was stolen in January, Helen O'Neill figured that was the last she would see of it. She was wrong. Not only did she get it back, but it was in better condition.

When car thieves took her 1988 Chevrolet Camaro, it was uninsured, had a broken air conditioner, a stereo that didn't play and an empty gas tank.

Now, the air conditioning, an \$800 job at a repair shop, blows cold again. Music blares from the stereo. Shiny black paint covers the old silver. New exhaust pipes have been installed. And, the engine has been tuned.

"When we recovered it, it had a full tank of gas, so that was great, too," O'Neill told *The Tampa Tribune* Wednesday.

Authorities Tuesday arrested

four people and recovered four vehicles stolen since Dec. 18.

Hillsborough County sheriff's detective Don Balaban said thieves regularly fix up cars for quick sale. But about half of the 1,300 to 1,400 stolen every month in Hillsborough County are recovered in worse shape than when they were taken, he said.

Missing tires, radios and body parts are rarely found. "This is the first one I've ever recovered in better condition than it was stolen," Balaban said. "It made my day."

The other three owners weren't so lucky. One car had been partially disassembled and two others had the steering columns pried open, he said.

Those arrested face charges of grand theft auto, dealing in stolen property and possession of a stolen vehicle.

"... This is the first one I've ever recovered in better condition than it was stolen,..."

-Detective Don Balaban

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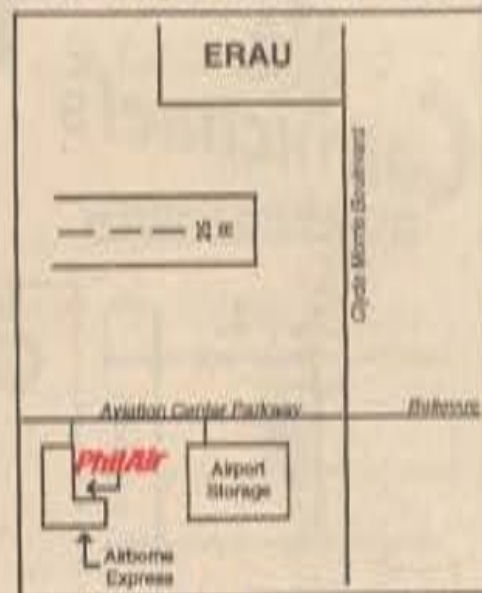
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