

WEATHER: Sunny, High 54, Low 29

Thursday, February 11, 2016

JSU to develop center for autism studies

Alexander Cooper Staff Reporter

Siajj Keporier

The Department of Curriculum and Instruction at Jacksonville State University announced on January 28 that it will be establishing a new Center for Autism Studies.

The center intends to become a central resource to meet the needs resulting from Autism Spectrum Disorders, according to Dr. Janet Bavonese, the center director and head of the De-

partment of Curriculum and Instruction.

"The main goal is to become a hub," Bavonese said, "where we can help people advocate for what they need; we can help teachers to do better with these types of students, as well as students themselves, and we can help people to know that they are not alone in dealing with this."

When speaking on how Autism disorders affect the Department of Education, she said, "We know that there are more and more students in classrooms today that are identified as having autism or may need to be identified. So we started thinking about what we could do from our end to help in that issue."

For the center's Associate Director Valerie Wheat, autism is an issue that directly affects her, since her nephew is on the autism spectrum.

"It was always an area of interest, but after that it became very personal; it became a passion of mine," Wheat said.

She said she wants to use the center "to give a voice to those without a voice."

The department has held an annual autism conference for the past two years, and according to Bavonese, the conferences spawned the idea for the center.

"We know that when we've had our autism conference, we have had a lot of participation. We get a lot of questions and there seemed to be a need," she said.

Bavonese and Wheat will hold the next conference in June, and it is the currently the main focus of the center.

"When we host the Au-

tism conference we get teachers of course, but we get a lot of parents, and also community resources that come," Bavonese explained.

During the conferences, someone who is on the autism spectrum has always been the keynote speaker.

See AUTISM page 2



JSU Geography Club

Cocky uses one of the new recycling bins installed on campus with funds from a grant from the Alabama Department of Environmental Management.

University installs recycling bins

Dustin Fox

Staff Reporter

JSU officially began its new recycling program on February 1 by installing green recycling bins throughout the campus to collect mixed paper and plastics.

Student Government Association representatives, and members of both the Earth and

Geography Clubs, passed out fliers and raised awareness for the program in the commons area of the Theron Montgomery Building.

Alongside the students was Rachel Brinks, a sustainability outreach coordinator with the Calhoun County Extension Office. Brinks works to educate and inform the community about ways to protect the environment through sustainability.

She has worked with groups on campus to plan the recycling program for over a year. After Brinks sent an application to the Alabama Department of Environmental Management, the university was granted nearly \$40,000 to purchase bins and two large trailers — which will

See RECYCLE page 2

DEPARTMENT SPOTLIGHT

JSU at McClellan houses emergency management center

Alexander Cooper Staff Reporter

The department of emergency management at the JSU McClellan Center in Anniston also houses the JSU Center for Disaster and Community Resilience (CDCR).

The CDCR serves as an emergency disaster support center to coordinate relief efforts during crises if needed; one large room in the upstairs of the main campus building serves as the command center.

The building also has the ability to hook up to a generator if it were to lose power.

"We have actually been activated by the Governor several times for regional events," says Dr. Jeff Ryan, department head and associate professor of emergency management.

The CDCR has been activated in cases of winter storms, but it is also prepared to host personnel, who are coordinating relief in response to other natural disasters, such as tornadoes.

Chairs and tables take up the majority of floor space. The walls are covered with white boards and television screens to monitor developing situations.

As a retired Army Lt. Col., Ryan has first-hand experience in the field.

"There are four main phases in the life cycle of emergency management: preparedness, response, recovery and mitigation. And each has a wealth of information behind it in terms of what our students need to learn so that they can be effective emergency managers and fulfill a role in government. Our program looks at all four phases," he says.

The department has grown — since its beginning in the late 1990s — to include a master's degree program, as well as the incorporation of a doctoral program in 2011.

"We are one of a few universities in the country that offer emergency management degrees at that level. There are only nine, but we are still the only doctoral program at the University," Ryan says.

See CENTER page 2



CENTER, from page 1



Steve Latham/JSU

Dr. Jeff Ryan from the JSU emergency management department discusses disaster response procedures with Charles Wise of the Alabama Forestry Commission.

Currently, the doctoral program includes around 40 students.

"We knew there would be a demand, but we didn't know the demand would be as great as it was," he says.

Dr. Tanveer Islam, assistant professor of emergency management, teaches mostly graduate students, and is also involved with research for the department. One of the projects he has worked on involved the building of an app that provides a map of shelters in neighboring Etowah County.

"I think all of our students are professionals in the field. They

work for different agencies, so not only do we teach them, but we also learn from their experiences," Tanveer says.

The department's courses are all taught online. Most of the students are what Ryan describes as non-traditional, meaning that they are usually not 18 or 19, right out of high school, or living in a dorm.

The majority are mid-career first responders: firefighters, cops, military people, paramedics and professionals that are already working in the field without a degree. The ages of students in the program range from 18 to around 60.

The department is also very active in serving the surrounding community. The faculty has formed the Emergency Management Coalition of Eastern Alabama.

"All emergency management professionals in the region are invited to join," Ryan says.

The region includes the 8 counties that surround Calhoun County; the coalition meets semi-annually and is heavily involved with lending assistance to the local community.

"We are quite happy with the way things have evolved for our program and our department," Ryan says.

RECYCLE, from page 1

be used for storing and transporting collected waste — to make recycling a reality on campus.

The goal is to inspire students to adopt a habit of recycling and make it easier to do so.

The green bins, which themselves are made from recycled milk jugs, were installed in Martin, Brewer, Meehan and Bibb Graves Halls, as well as the Theron Montgomery Building and the Houston Cole Library.

The bins are positioned in places that receive the most dents will notice and use them.

Brinks also says that portable bins will be used at different locations on campus during large events to make it convenient for more people to take advantage of the program.

ment.

"I'm excited that it's finally happening. We've worked on this for a while, and it's exciting to see people pledging to get involved with something progressive like this," said Austin Lovelace, a member of the Geography Club, as he stood behind a banner that read "JSU Recycles."

Students signed the banner, taking the pledge to recycle. Students were asked to share a photo of their signature on social media using the hashtag #JSUrecycles.

By the end of the day, the banner had an estimated 300 signatures.

The university's mainte-

nance department will be responsible for emptying the bins and transporting the collected recyclables, but the involved student organizations plan to monitor how much is being recycled along with the university's biology depart-

The recycled material will be transported to the Calheavy traffic, so that more stu- houn County Recycling Center, where it will be processed along with other similar materials from around the county.

AUTISM, from page 1

Bavonese said the center is focusing on defining goals for the first couple of years and looking at funding sources.

She said she wants the center to impact the local area, and eventually make an impact both statewide and nationally.

Wheat said she wants to arrive at a place where educators have "a natural capacity for how to accommodate students with autism spectrum disorders."

She also wants to assist these students on the spectrum with the transition from high school to college, which is an especially big change in their lives.

For now, the center is working to develop partnerships with the psychology department and disability support services at JSU, as well as searching for funding.

"We know that people out there will give to something like this. We really want to get the word out about what we are trying to do, and get people to help us by supporting what we are doing," Bavonese said.



General

300 1st Ave

Store

Anniston, AL 36201

Your home for good, clean, used furniture on a budget.

Jewelry on a dime,

Pop culture and vintage Collectibles,

> And 1/2 off wall art and pictures.

> > (256) 310-8223

Fan Day introduces 2016 softball season

Brittany Robertson

Staff Reporter

Gamecock fans, the community and even young softball players, all came out this past weekend for the annual JSU Fan Day.

Attendants won door prizes, kids raced against Cocky and players signed autographs.

Assistant Coach Julie Boland has high hopes for the team this season, including the team making it to the World Series in Oklahoma City.

"We want to win the regular and conference seasons, the OVC tournament and win it all at the World Series," Boland said.

Fans filled not only the stands, but they surrounded the outer fence, and some were even on the field. Eleven youth softballs from around the area attended the event.

"A lot of these girls aspire to play on the college level some day, so seeing how the college team interacts with their fans and their overall attitude is a great experience for them," said Bill Mann, head coach of a local team.

Along with the fans and future softball players, the alumni softball players stood on the field in support for the next generation of players." My hope for [the team] is to be successful on and off the field, and to cherish the memories and the friendships they make. After four years, you can see the bond that these girls have with each other and that is important," JSU softball alumna Tina Hill said.

International House hosts Coffee Break

Dustin Fox

Staff Reporter

On Tuesday, while snow flurries blew across campus, the International House welcomed other students to their first Coffee Break.

Over 30 students met to hang out, eat snacks, and just get to know one another.

Kuvvat Jorayev, an International House RA, said the Coffee Breaks were planned to encourage American students

to get to know the international students on campus.

"People think the International House is just for the internationals here, but everyone is welcome," Jorayev said.

The International House will hold the two-hour Coffee Break once a month in the commons area of the dorm.

"We're just celebrating with a lot of snacks, since today is Fat Tuesday," said Ellen Mc-Neeley, International House coordinator. Students enjoyed

coffee, sweet tea, king cake, and other snacks that were spread out on a table in the center of the room.

The Coffee Break events will each focus on a different theme that celebrates diversity and cultures from around the world. This month, the theme focused on Mardi Gras.

The next Coffee Break will be focused on St. Patrick's Day, and will be held at the International House on March

Meet The Chanticleer staff for Spring 2016



Marie McBurnett Editor-in-Chief Digital Journalism



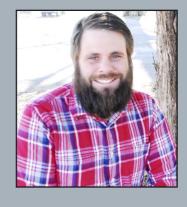
Adam Higgins Associate Editor Digital Journalism



Katelyn Schneider

Arts & Entertainment Editor

Digital Journalism



Timothy Cash Sports Editor Digital Journalism

STUDY BREAK







By: L. A. Bonté

For more comics and animations visit FilbertCartoons.com

Need Advice?

The Chanticleer staff is happy to help!

Email chantynewstips@gmail.com with your problems and look in the paper next week for our newest "Dear Chauty" section.

NOTE: All entries will remain anonymous, and Chanty will respond to all inquiries.

Campus crime report: 01/27 to 02/08

01/27/2016 Burglary Bibb Graves Hall

01/28/2016 **Harassing Communications** JSU Campus

01/27/2016 Automobile Accident Merrill Hall Parking Lot

01/28/2016 Information Report- Possible Property Damage Field House Parking Lot

02/02/2016 Automobile Accident **Houston Cole Library** Witness a crime?

For emergencies, dial 6000 from any campus phone.



02/01/2016 Duty Upon Striking an Unattended Vehicle Patterson Hall Parking Lot

> 02/01/2016 Assist Other Law **Enforcement Agency** Curtiss Hall

02/01/2016 Possession of Marijuana & Drug Paraphernalia, Minor in Possession of Alcohol, and Violation of Student Code of Conduct Fitzpatrick Hall

My family and myself are from the northern U.S., so everyone is getting snow in my hometown. I'm not going to lie, I miss the snow as well as my family and my boyfriend, who lives up there as well. My cousin is getting married, which gives me a perfect excuse to fly out there for the weekend. I really want to see everyone and bask in the cold and snow, but there is a great chance that I could get stuck up there for

Dear Chanty,

major tests scheduled until the week after my cousin's wedding, but I will have regular I don't know if I should risk going home or not, considering the crazy winter weather we're experiencing.

a while. If they cancel flights,

I'll be behind in all my classes

and it may put a damper in my

perfect grades. I don't have any

Missing Family Missing,

Sincerely,

If you talk with your professors before you leave, they may give you an opportunity to do your work beforehand, or give you a few days after you get back to complete the work you missed. The only problem with that is the fact that if you do get snowed in, you won't know for how long. You would have to know how much work you're going to miss in order to do it before or after you get back. Also, pay close attention to the weather pattern in your home state. If your cousin's wedding is in between snow storms, don't be so worried; you'll probably get there and come back with no issues. If it seems like the weather will be bad, try to have an estimate and figure out, at tops, how long you could be gone so you can tell your professors. Safe travels.

Yours truly, Chauty



Waiting for you is like waiting for JSU to cancel class. Useless and disappointing.

Have you ever dreaded going to the bathroom only for the fact that you know the toilet seat will be cold?

People are like tile. Lay them down right the first time and you can walk all over them for years.

Alabama, home to Guntersville Lake, Channing Tatum, dynamic weather and potholes.

As a student, the most comforting words you'll ever hear are "I haven't started either."

I actually ate breakfast this morning. I feel like I have my life together.

It took \$13 to fill up my car. What a time to be alive.

Are you doing what YOU want to do? Are you living a life that makes YOU happy? It's important. Don't ever live for others.

Dora the Explorer would be a better president than Trump.

7-day weather outlook

TODAY



SATURDAY



MONDAY

TUESDAY

WEDNESDAY

Sunny High: 54° Low: 29°

Partly Cloudy High: 59° Low: 25°

Sunny High: 41° Low: 23°

Partly Cloudy High: 48° Low: 29°

Low: 35°

Snow/ Freezing Rain High: 49°

Sunny High: 55°

Low: 35°

Sunny High: 63°

Low: 39°

ARTS & ENTERTAINMENT

High School Voice Day at Mason Hall

Morgan Burgess Staff Reporter

High School Voice Day allowed students from numerous high schools to exhibit their vocal talent.

On Saturday, February 6 several high school students sang for instructors in Mason Hall.

Whether it was to gain experience on stage, or make a good impression on people at JSU, the high schoolers showcased their talent. They received feedback and encouragement from Dr.

Patricia Corbin, Dr. Dani Jones, Ms. Teresa Cheatham Stricklin and Dr. Nathan Wight.

The critiques helped the students who performed. Many of them practiced for several types of auditions, such as solo and ensembles, college entrance auditions, or NATS student auditions. The High School Voice Day is beneficial to them.

Instructors provided vocal coaching, short lectures on tips for auditions, such as strategies for sight-reading, appropriate audition attire, diction advice and pageant preparation.

Lexi Hydrick, a senior at White Plains High School, performed two songs. She worked one-on-one with a faculty member for two years preparing for the event. She said she will use the feedback on her scholarship audition. On of the songs she sang was in a different language.

Kelsey Trussell from Albertville was another young lady who sang on Saturday. Although she has been performing since she was four years old, she attended the

event to advance her skills even further.

She said she got involved with the program after being on campus for Preview Day

They heard singers above them, and they "followed the angels" and found an opera going on.

One of the songs Kelsey sang was Se tú màmi by Pergolesi.

She said she greatly valued the comments and the critique she received and that it would be extremely helpful to her in the future.

Both girls repeatedly com-

plimented the faculty and staff on their kindness.

They also expressed gratitude to the faculty for the advice that they provided them.

The girls enjoyed their experience and had big smiles on their faces when they walked around. They -- along with many others -- walked away from this experience feeling optimistic. They sang their hearts out, and got tons of helpful tips for future performances.

Guest artists play a night of acoustic music

Emily Kirby Staff Reporter

On Tuesday, February 9 from 7 to 9 p.m., Jacksonville State University's SGA held an acoustic music night in the Theron Montgomery Building.

Guests Kyshona Armstrong and Danny Pratt performed for anyone that wanted to attend the event.

The SGA provided numerous refreshments and seating for the students that came to enjoy the soulful, spiritual ballads performed by the Nashville-based duo.

They encompass a range of Roots, Blues, and Soul to form a genre all their own. The combination of Blues and Soul exem-

www.madhatcakes.com

plifies the burdens and woes of life, along with the journey of moving past them.

The two performers used only one guitar and a Cajon drum set. The simplicity of the equipment allowed for the appreciation of the power of their voices.

Kyshona performed many of her original songs, including, but not limited to, "Ahead of Us", "Lay it Down", and "Can You Feel It". They also covered "Dust and Bones" by Cary Ann Hearst, "Electric Girl" MGMT, and "See-Line Woman" by Nina Simone. Their most powerful cover was originated by Patty Griffin in honor Dr. Martin Luther King Jr.'s last speech and is named "Up to the Mountain."
The emotional performance was a beautiful tribute to the civil rights leader during Black History Month.

The performers were constantly interacting with the crowd and kept the room energized for the entirety of the night. Katelin Molan, a freshman at JSU, told us her favorite part of the night was the idea in Kyshona's music of enjoying the journeys in life and not the goals.

Halima Kamara, also a freshman at JSU, said her favorite part of watching Kyshona was the fact that she honored Dr. Martin Luther King Jr. in her music, she is her own songwriter, and her icebreaker stories allowed

for more involvement and communication with the audience.

The group was a funny, yet powerful duo bringing soul shaking ballads to the students of JSU.

If anyone would like to connect and/or listen to Kyshona and Danny's music, visit their following websites, twitter handles, and social media links that they provided. Kyshona's website is http:// www.kyshona.com/, her Twitter handle is @ kyshona, and she can be found on Instagram by her username @ kyshona8.

Danny's website is www.dannypratt.com, and his Twitter handle and Instagram username are both @dannprattdrums.







Emily Kirby/The Chanticleer

Two Photos Above:

Kyshona Armstrong(standing) and Danny Pratt(sitting) work together during their performance in the auditiorium of the TMB.

Photo Left:

Danny Pratt And Kyshona Armstrong are photographed with some members of the audience. The two artists worked hard to keep the crowd involved with their performance.



The Valentine's Day must-see movie

Katelyn Schneider

Arts & Entertainment Editor

The new must-see movie, *The Choice*, was released on Friday, February 5.

The movie is a re-creation of the book written by Nicholas Sparks, author of *The Notebook* and *Safe Haven*. It is a romance that will leave viewers feeling hopeful.

The cast is a mixture of wonderful, but slightly unknown actors and actresses with popular ones. The cast includes popular Tom Welling and Maggie Grace. The female lead is a character by the name of Gabby who is played by Teresa Palmer. The male lead and main character of the film, Travis Shaw, is played by Benjamin Walker.

The movie tells the story of two neighbors with a passionate but not always romantic connection and the relationship they build together.

Much like any other romance depicted in movies, the two face struggles, and their level of commitment to one another is tested. However, this movie does stand out from other films in the romance genre.

Love is certainly a focus of the film, but the theme of the movie stands out more.

As the title suggests, the theme of the movie is about choices, and how all life is is a series of choices. The characters in this movie are forced to make difficult choices and deal with the effects of them. They are made to realize how difficult the act of deciding can be and how scary the unknown is. The movie shows a power-

between theaters.

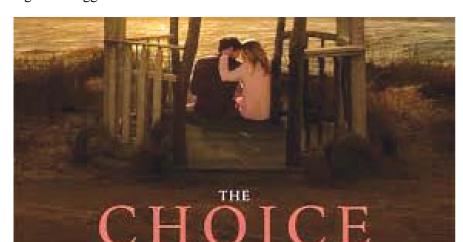
ful and honest love story through a deeper meaning. It focuses on how their choices guide them in their relationship rather than just being in love.

The movie has received a mix set of reviews. According to fandango.com, the critics' ratings slightly differ from the fans' reviews.

Most critics such as the Boston Globe and the New York Post gave the movie a rating of 50 out of 100. The biggest downfall of the movie seemed to be the similarities of this movie with

every other movie based on a Nicholas Spark book. However, most male and female fans gave the movie 5 out of 5 stars. Fans enjoyed the story despite its similarities, and they seemed to be pleased with how well the book stuck to the movie.

This movie came out in time for Valentine's Day weekend. The romantic story produced by The Safran Company and Nicholas Sparks Production is intertwined with drama and comedy. It fits in with the mood of the weekend.



www.comingsoon.net

Students perform for percussion recital

Matt Hill Staff Reporter

On February 9, in Mason Hall, Jacksonville State University music students AJ Chandler and Colin James gave a thrilling joint percussion recital.

From the marimba to the timpani, both performers played various pieces on numerous instruments—ranging from classics to contemporary compositions and even included members of JSU Jazz.

The recital started with two sombre musical pieces arranged by Blake Tyson. Chandler performed "Firefish" and James followed with "Lost Mountain Sunrise."

A highlight of the recital was Chandler performing "Animism," a contemporary timpani

piece written by Stephen Ridley.

The particular piece incorporated electronic elements into classical timpani playing to create a fresh and innovative sound making audience members feel as though they were on a safari.

Later in the recital, James returns to the ever-so popular drum set to team up with JSU Jazz professor, Dr. Andy Nevala, Jarrett Irish, and Trevor Stewart for a few jazz performances.

"Tu Crees Que" by Cal Tjader brought out other percussion studio members, Danny Moore on congas and Madison Wright on timbales.

The natural chemistry between the players created a night of fabulous music.

"Spain" by Chick Corea added Jeffery Dailey on bass to play alongside Nevala on piano, Chandler on drum set, and Irish on tenor saxophone.

The overall atmosphere of the event allowed for numerous emotions and moods. While there were pieces that awakened sad feelings, other pieces allowed audience members to groove to the beat. The recital a fantastic display of musicianship! Congratulations, AJ Chandler and Colin James!

Jacksonville State
University Music majors will have recitals
throughout the entire
semester. The recitals
will be performed on
a variety of different
instruments depending
on what the student's



The Choice is being shown in theaters in Oxford and in Gadsden for the entire weekend. Showtimes may vary

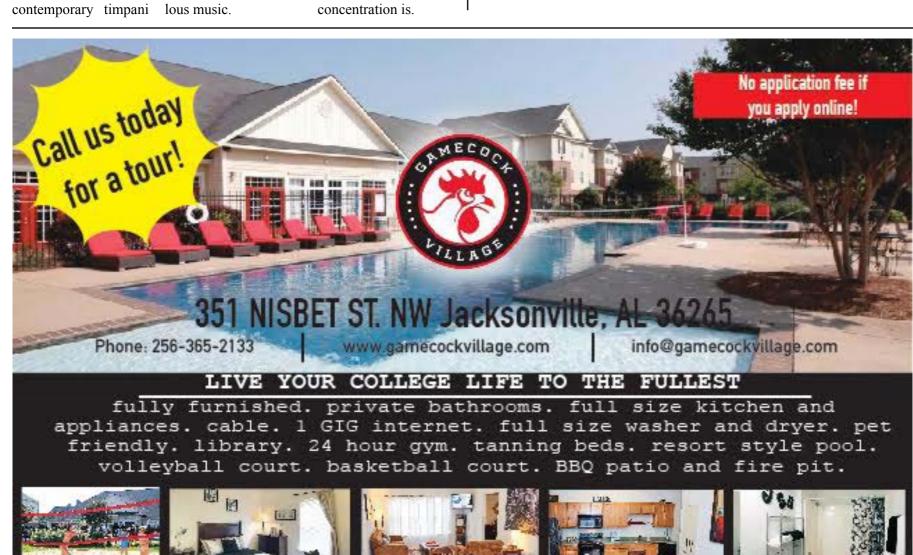


coffee-sandwiches-pastries

Meet, Eat, Jolt

M-F

7am-7pm Public Square 5



OPINION & EDITORIAL

Spotify vs Apple Music: Which is Better?

Eric Taunton
Tech Columnist

Spotify and Apple Music have almost everything in common, but they still have some differences as well. They both allow customers to stream and download music to their mobile devices; both of their subscription prices are only \$10 a month.

However, the two differ in the size of their music selections. Though Spotify has a great number of songs in its holster, Apple Music has a music selection that Spotify just cannot beat.

Whenever an album or song is released, Spotify customers do not know when they are going to be able to listen to it, or if they are going to be able to listen to it at all. Apple Music, on the other hand, is a different story. Not only is it pretty much a sure thing that a customer will be able to find the song that they are looking for, but customers can also know for certain that the app's music selection is up to date.

For example, singer and rapper, Drake, recently released a single this year called "Summer Sixteen." His new single is available on Apple Music but not on Spotify.

Not only does Apple Music give customers the opportunity to listen to up-to-date music, it also allows its customers to listen to some songs that are not even available on iTunes. "Running" by G-Eazy and the "I Like Tuh" Remix by Carnage, featuring Lil Wayne and G-Eazy, are not available for listening on Spotify, or any other major music service besides YouTube and SoundCloud.

Apple Music has more interactivity; it has a Connect feature which allows artists to post pictures, videos and music for subscribers to see and listen to.

Though Spotify just recently started

providing a video streaming service to its customers, Apple Music tops Spotify in this area as well. Not only are subscribers able to watch music videos, but they are also able to watch interviews of their favorite artists and even videos posted by the artists themselves.

The videos that Spotify posts are not even music-related. There are videos regarding politics and news in general, but barely anything that pertains to music.

From the music selection to its interactivity, Apple Music is better than Spotify in every possible way. Though the subscription fees for both apps are exactly the same, Apple Music is actually worth the money.

If an avid music listener wants to listen to a music-streaming app with a large music selection, and view exclusive content that isn't available anywhere else, they should choose Apple Music.

Conservative study may change the way you view Ala. politics

Kevin Spann *Political Columnist*

This past week, the American Conservative Union (ACU) released a 2015 study that revealed a shocking degree of similarity between Ala-

bama's Republican and

Democratic Party.

In the study, the organization took a number of bills, which in their view personified the Ronald Reagan version of Republicanism, and assigned each state legislature or senator a score depending on how

they voted.

The scores ranged from 100 to 0. A score of 100 indicated fully conservative, and 0 indicated fully liberal. It is worth noting that the ACU do not take into account the motivations behind a vote, so it is possible that a vote was cast based on other factors rather than political ideology.

Despite the passion with which both parties voice their displeasure with one another at the state level, the ideology of the average Democrat and Republican seems rather similar, particularly in the state House. In the House, the average for Republican lawmakers was a 48 and the average for Democratic lawmakers was a 46.

A perhaps embarrassing revelation for House majority leader Mike Hubbard and Senate Pro Tempore Del Marsh, who are both republicans, was that House minority leader Democrat Craig Ford beat both of them with a conservative score of 56. Hubbard earned a 44 and Marsh a 54.

While both Republican's life time scores are higher, this may be a statistic worth remembering when voters are told that Alabama Democrats have become too liberal.

That some Alabama Democrats like Ford, a veteran with strong ties to the National Rifle Association, have remained fairly moderate compared to the national party, is far less surprising than the number of liberal scores awarded to Republicans.

Dozens of Republican

Representatives scored below the Democratic average with one Republican, Randall Shedd of Fairview, even being rated the second most liberal lawmaker overall with his score of 29. A number of these scores could be the result of one-time anomalies related to the particular bills that came to the floor this year, but one may take away other conclusions.

With the state's Democratic Party offering little challenge in numerous districts, voters may start to see some Republicans in safe seats drift toward the middle. Due to the Democratic Party having little to offer relatively centrist minded politicians these days, Democrats may find it easier to run with an R next to their name rather than a D.

The results of the study may be found on the ACU website. The ACU is the nation's oldest conservative organization active in endorsing, funding, and lobbying for Republican candidates and conservative causes.

Neocatastrophism as a controversy in astronomy

Marie McBurnett

Editor-in-Chief

More confusing words were never spoken. In English: neocatastrophism is a theory in which complex life outside our world would be difficult to find due to the complex – and deadly – workings of the universe around us. Many things can happen to affect the future of any celestial body.

Life-creating factors

The more important points to understand are focused primarily on the factors that go into a planet creating and sustaining life, and how it can be deterred.

Factors that may destroy the development of complex life in any local galactic neighborhood drive further than gamma-ray bursts, but they are largely at blame.

Many other interstellar objects may exist that could destroy life on a blooming planet. Some scientists speculate that periodic outbursts from our galactic center – which houses a black hole – could cause mass extinctions, even where our sys-

tem lies in the galaxy.

Even in the most habitable parcel of a system, a planet's potential can be wiped clean from within its own sphere of existence.

It is believed that development of life on Earth has started over more than once, but it did not have to start from scratch each time. In fact, there has been five times this has happened.

Once, the formation of glaciers took out most of the marine life on early Earth. Some extinction reasons are unknown, but there is a wide speculation that 95% of the world's organisms were wiped out by mass volcanic eruptions. Outside influences include asteroids colliding with the Earth.

Rogue planets

These examples would push into motion global climate change that could prohibit the growth of life. This also includes gravitational influence from another object that pushes a planet toward or away from the host star.

Examples of this are rogue planets. Only a few of the

To see a presentation on this theory, please visit g

theory, please visit go to www.mariemc24. wix.com.aftc and click on the Controversy tab.

estimated rogue planets have been discovered. Gravitational microlensing is used to detect them.

These planets never pass in front of a host star (because they don't have one) and rarely pass in front of other sources of light, but when they do, they can be detected.

These planets are mostly dark and cold, alone in the universe. Some of these planets are believed to be parts of young solar systems.

While dust and gas try to mold into spheres and orbit around a young star, the young planets get into gravitational arguments.

This can result in potential Goldilocks planets being propelled out of the inner system by force of a larger object.

Creation of the moon

There is evidence of a potentially life deterring event in your own back yard.

Theia, a planet close to the size of Mars, crashed into early Earth, causing a possible disruption of evolutionary processes. The moon was born and the Earth's evolutionary potential was cast back in time.

Contradictions of neocatastrophism

The neocatastrophic theory encompasses all of these events, but there are a few problems.

First of all, some other planetary systems are calculated to be older than our solar system. That means, theoretically, other solar systems should have life.

If all solar systems experience similar events as our own, and are older than our system (and have planets in their respective habitable zone), then more intelligent life than us should exist on those worlds. This is known as Fermi's Paradox.

The farther into space we look, the further back in time we are looking. Let's say we detect an exoplanet inside its system's habitable zone that is 200 light years from Earth.

A light year is about six trillion miles, (the distance light travels in a year). Essentially, when we see that system, we're looking at that system quadrillions (that's a lot of zeroes,) of years in the past. So the system we're looking at is much younger than it is now. What we see may not exist anymore.

The exoplanet may be too young to exhibit signs of life when we see it.

Even if life existed on that planet at this moment, they could be looking at our solar system quadrillions of years in the past. (Our solar system didn't even exist that long ago.)

Neocatastophism remains a highly controversial theory in astronomy today, and the physics that go behind proving it are beyond the border of this article.

Maybe seeing neocatastophism in a real light can rationalize the size of the universe to people that aren't familiar with astrophysics.

Stay updated with The Chanticleer on social media!

Got someting for us to see? Use #chanticleerjsu



www.facebook.com/ jsuchanticleer (The Chanticleer)



www.twitter.com @ChanticleerJSU



@chanticleer_jsu

SPORTS

Gamecocks Side Bar

JSU Upcoming Action

2/12

- Softball
- vs. Western Carolina 9 a.m.
- vs. Savannah State 12 p.m.
- Women's Tennis vs. Kennesaw State 11 a.m.
- Men's Tennis at Alabama State Invitational 11 a.m.
- Track and Field at Samford Invitational

2/13

- -Women's Tennis vs. Georgia Southern 1:30 p.m.
- -Softball vs. College of Charleston 5 p.m.
- -Women's Basketball at Tennessee Tech 5:30 p.m.
- -Men's Basketball at Tennessee Tech 7:30 p.m.

2/14

- Softball vs. Drexel 12 p.m.
- -Women's Tennis at Alabama State 1 p.m.
- -Men's Tennis at Alabama State 1 p.m.

2/17

- Women's Basketball vs. Eastern Kentucky 6:30 p.m.

2/18

- -Men's Tennis at Mercer 12:30 p.m.
- -Women's Tennis at Mercer 12:30 p.m.

OVC Basketball Standing Men's Standings School OVC Overall

East		
Tennessee Tech	9-2	17-7
Belmont	9-2	17-8
Tennessee State	7-3	16-7
Morehead State	6-5	12-11
Eastern Kent	5-6	14-12
Jacksonville Stat	4-7	8-18
West		
Eastern Illinois	7-4	11-13
Murray State	6-5	12-12
UT Martin	5-5	13-12

UT Martin 5-5 13-12 Austin Peay 4-7 11-15 SEMO 2-9 5-19 SIUE 1-10 4-19 Women's Standings

School OVC Overall UT Martin 9-1 16-7 **SIUE** 9-2 14-10 8-2 16-7 Belmont **SEMO** 7-4 14-10 Eastern Kentucky 6-5 12-10 Jacksonville State 5-6 10-13 Tennessee State 5-6 10-14 Austin Peay 5-6 7-17 Murray State 2-3 6-10 Morehead State 4-7 8-14 Tennessee Tech 3-8 7-17

OVC Rifle Championship Smallbore Results

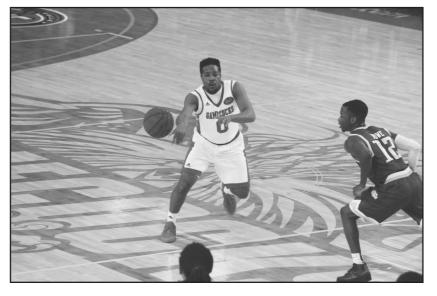
1-10 2-21

1. Murray State

Eastern Illinois

- 2. Jacksonville State
- 3. Morehead State
- 4. UT Martin co-ed5. UT Martin women





Josh Gilbert/ The Chanticleer

ABOVE: DelFincko Bogan passes the ball during Saturday's loss to the Tennessee Tech Golden Eagles. RIGHT: JaQuail Townser shoots a jump shot.



Tennessee Tech defeats JSU, 68-58

Timothy Cash *Sports Editor*

Jacksonville State (8-18, 4-7 OVC) lost their third straight game on Saturday against the Tennessee Tech Golden Eagles (17-7, 9-2 OVC) 68-58.

Redshirt senior Jeremy Watson led the team with 19 points on Saturday.

Senior JaQuail Townser and freshman Jared Hamilton also reached double-digit numbers in scoring in the Gamecocks loss.

A couple of free throws got the Golden Eagles on the board early, but a big three by Watson lifted Jax State to a one-point lead.

The Gamecocks were able to keep the lead for exactly one minute before both teams began to battle to stay on top.

Watson gave JSU a three-point advantage over TTU, but a few seconds later the Golden eagles were able to get a three-pointer to fall to tie the game at 14.

From there, Tech managed to get a five-point lead, 19-14, over Jax State.

The Gamecocks were resilient, however, and chipped away at TTU's lead until they were once again on

top, 26-24, after a three-point field goal by Greg Tucker.

The Golden Eagles tied the game at 26, before trying to pull away from the Gamecocks.

Jacksonville State did not want to end the first half trailing to Tennessee Tech.

They were once again able to fight back against the Golden Eagles, and a jumper by Hamilton with no time left tied the game at 32.

Jacksonville State were slow to start the second half.

By the time they had scored two field goals, Tennessee Tech had gained a seven-point lead over the Gamecocks, 43-36.

The Gamecocks watched as any chance they had to catch back up to Tennessee Tech dwindle down to nothing.

They began to see the Golden Eagles take their lead farther and farther out of their reach. Still trying to fight, they never were able to get any closer than three points behind TTU.

The Golden Eagles were able to push as far as 12-point advantage away from Jacksonville State, but a layup by Hamilton with a minute left in the contest gave the final score, 68-58.

Watson went 4-12 in field goals, 2-5 in three-point field goals and 5-7 in free throws attempted.

Watson also led the team in rebounds, accounting for 14, seven offensive and seven defensive.

Hamilton went 8-14 in field goals, and had five defensive and three offensive rebounds.

Townser went 4-10 in field goals,

3-5 in three-point field goals and had five defensive and two offensive rebounds.

Andre Statam went 2-8 in field

goals, 1-6 in three-point field goals and had three offensive and one defensive rebound.

DelFincko Bogan went 2-5 in

three-point field goals.
Greg Tucker was perfect, making

both of his free throw attempts.

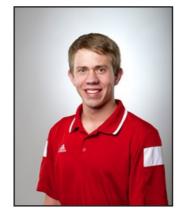
The Gamecocks have two road games, and two home games left in

the regular season.

They play Tennessee Tech for the final time of the season on Saturday Feb. 13, at 7:30 p.m. in Cookeville, Tenn.

They will then travel to Nashville to face the Tennessee State Tigers on Feb. 20.

JSU will return home for their final to games against Eastern Kentucky and Morehead State.









JSU Sportswire

Brandon Muske (far left), Santha Bullard (left) and Trace Haynes (right) all finished in the top-10 of the air rifle competition.

FAR RIGHT: Tyler Ramos claimed All-OVC Second Team Honors.

Rifle places second in OVC Smallbore Championship

MURRAY, Ky. – Jacksonville State's bid to win a fifth consecutive Ohio Valley Conference Rifle Championship came up short on Sunday as the Gamecocks finished second behind host-Murray State.

JSU finished the twoday event with an aggregate score of 4667 after turning in a 2342 in air rifle on Sunday.

JSU entered Sunday's portion of the championship 17 points behind the Racers but could not overcome MSU's air rifle score of 4719.

Jax State had three individuals finish in the



JSU Sportswire

top-10 in air rifle, led by junior Brandon Muske's mark of 591.

Muske's score was fifth-best in air rifle and he posted a fifth-place overall finish with an aggregate score of 1173.

The Brenham, Texas native was named to the All-OVC Air Rifle First Team and All-OVC Smallbore Second Team.

Senior Samantha Bul-

lard closed out a decorative OVC career as she earned All-OVC Second Team honors in both smallbore and air rifle.

Bullard turned in a 589 to finish sixth in air rifle and overall after a total of 1167.

Freshman Trace Haynes wrapped up his first OVC Championship experience with a seventh place finish overall and ninth in air rifle after shooting a 582.

rifle after shooting a 582.

Haynes, from Hazelhurst, Georgia, earned
a spot on the All-OVC
Smallbore Second Team
and Second Team honors

in air rifle.

Haynes was tabbed to

the OVC All-Newcomer Team in both sections of the championship.

Freshman Tyler Ramos also claimed a spot on the All-OVC Air Rifle Second Team after carding a 580.

Ramos, a Bridgeville, Delaware product, was selected to the All-OVC Air Rifle Newcomer Team.

After leading JSU in smallbore on Saturday, freshman Makenna Richardson was named to the All-OVC Smallbore First Team and the All-OVC Smallbore Newcomer Team.

-JSU Sportswire





Josh Gilbert/The Chanticleer

ABOVE: JSU's Tyler Phelion moves around a Tennessee Tech defender in Saturday's match up. LEFT: JSU's women basketball team celebrates their third straight win.

JSU's women extend win streak to three

Rebekah Hawkins Staff Reporter

The Gamecocks pulled off their third win in a row with the defeat of Tennessee Tech 55-46 Saturday night at Pete Mathews.

JSU kept scoring close for most of the game until the final quarter where they managed to score 16 points to TTU's nine.

Destiny James was in true form with her gamehigh 21 points scored, while Briana Benson had 14 points in the second half alone.

The Gamecocks moved to 10-13 on the season giving them their third straight 10-win season.

The first quarter was the only quarter that the Gamecocks scored fewer points than the Golden Eagles.

It certainly seemed like it was TTU's game as they opened fast and were quickly up by four before the Gamecocks were able to score their first two off of a jumper by Courtney

A quick tie at four came and went as the Golden Eagles scored another two but were quickly cut off by JSU who took the score up by one in their favor 7-6.

TTU took off on a quick scoring run being up by three twice before a layup by Rayven Pearson cut the lead to just one.

The first quarter closed with the Golden Eagles being in the lead 12-11.

The second quarter was dead for nearly two minutes before a jumper from TTU's Asia Harper took them back up by three.

The Gamecocks grabbed a few points but TTU kept the lead only by one at 16-15 as the first half dwindled down to six minutes.

JSU continued to keep the score close and with 1:02 left in the half took a one point lead over the Golden Eagles 19-18.

They would go into halftime with the lead.

TTU opened the second half up with a 3-pointer

from Samaria Howard to put them up by two.

They would be up by four twice before the 7:37 mark when a 3-pointer from JSU's Strain took the lead back down to one at 25-24 still with the Golden Eagles leading.

A few minutes later the score was tied at 29 but a layup by Briana Benson put JSU back in the lead.

After two free throws from TTU the score was again tied, this time at 31.

The Gamecocks went up by six before the Golden Eagles scored again.

They managed to cut the score back down to four but JSU quickly was up again by six after

another Pearson layup.

TTU rallied and managed to cut JSU's lead down to two as the quarter closed with the score still JSU's 39-37.

The Gamecocks took off to seal the final quarter for their victory.

They took off on a scoring streak and managed to stay well ahead of the Golden Eagles.

At the two minute mark TTU came within two, their closest of the quarter, before the Gamecocks continued their scoring run.

TTU managed more, but JSU sealed the deal with five final points off free throws to win 55-46.

Football releases schedule

Timothy Cash Sports Editor

The upcoming 2016-football schedule was released by the Jacksonville State Department Athletic on Tuesday Feb. 9. The schedule includes six home games, respectable out-of-conference games and a night game for the season opener.

The season starts on Thursday, September 1 against the in-state University of North Alabama Lions at 6 p.m. at Burgess-Snow Field. The Lions were 9-3 in 2015, and 6-1 in the Gulf South Conference (Division II), and made it to the second round of the DII playoffs where they were eliminated by Tuskegee.

Jax State will then travel to the South-Conference's eastern Louisiana State University on September 10 in Baton Rouge. The time has yet to be determined. Although LSU had a down year in 2015, they were 9-3 and in contention for a bid for a SEC Championship until they fell short to Arkansas and Ole Miss late in the season. They won their bowl game against Texas Tech, 56-27.



JSU Sportswire

On September 17 Jacksonville State returns home to face Coastal Carolina for Band Day at 1 p.m. The Chanticleers were also 9-3 in 2015, and were 4-2 in the Big Conference. South The Citadel knocked them out of the first round of the playoff, 41-38.

The Gamecocks will then travel to Lynchburg, Va. to face the Liberty Flames on September 24. The time has yet to be announced. Overall, the Flames were 6-5, and were 3-3 in the Big South Conference.

The Gamecocks will have a buy week on Oct. 1.

Conference play opens up on October 8 with a red out when the Tennessee Tech Golden Eagles come to town at 1 p.m. Last season the TTU went 4-7, and were 3-5 in the Ohio Valley Conference. JSU topped Tech 42-13 in 2015.

Jax State will remain at home on October 10 to face Austin Peay at 1 p.m. This will also be the date for fall preview day. The Governors look to turn around after last years win-less season. The Gamecocks won 27-7 during Austin Peay's Homecoming weekend.

Jax State then travel to Richmond, Ky. to face the Colonels of Eastern Kentucky at 2 p.m. on October 22. JSU shutout the then 13th-ranked EKU 34-0 for the Gamecocks' homecoming. The Colonels finished the season 6-5, and 5-3 in the OVC.

The Gamecocks return home for Homecoming and Fam-Day on October ily They will face 29. the Eastern Illinois Panthers at 2 p.m.

The Panthers lost to JSU 24-3 in 2015, and went on to finish the season 7-5, and 7-1 in the OVC, second in the conference. Northern Iowa knocked them out of the first round of the playoff in 2015.

The Gamecocks start two-game road trip on Nov. 5.

They travel to Cape Girardeau, Mo. to face the Redhawks of Southeast Missouri. The Redhawks look to improve the 4-7 season they had in 2015. They were also 3-4 in the OVC. Southeast Missouri fell to the Gamecocks 28-56 last season.

State Jacksonville will stay on the road and travel to Murray, Ky. where they will face the Murray State Racers.

Last season the racers were 3-8, and 2-6 in OVC play. JSU overpowered Murray State in 2015, winning 42-20.

JSU closes out the regular season with a Marching Southerners reunion, and a home game against the University of Tennessee -Martin at 1 p.m.

The Skyhawks finished 6-6, and 5-3 in the OVC. They lost 48-41 to JSU in 2015.



Men's Tennis falls to UAB

BIRMINGHAM Freshman Vinicio

Jacksonville The men's State tennis team dropped a pair of matches to in-state foes Samford and UAB on Sunday.

JSU fell 7-0 to the Bulldogs and 6-1 to the Blazers and moved to 3-5 on the season.

Against Samford in the morning match, SU took the early lead by claiming the doubles point after winning at

No. 1 and No. 2 doubles. The No. 3 Gamecock tandem of Liu Shao Chun and Andres Gomez remained undefeated after their match was unfinished.

After starting the season 5-0, Chun dropped his first singles match to SU's Leonard Gerch in a three-set marathon.

Chun bounced back from falling in the first set 6-3, to top Gerch 6-1 in the second set to force a third set.

Gerch topped Chun in

a super tiebreaker, 1-0.

Hadlich battled Eduardo Sanchez in a 7-5, 6-3 loss.

Mathias Chaim suffered a 6-4, 6-4 loss at No. 2 to Trey Carter.

Over at UAB, Jax State started strong by winning the doubles point.

The JSU duo of Hadlich and Gomez turned back UAB's pairing of Luiz Pinto and Christian Coetze, 6-3, at No. 1.

The Gamecocks clinched the point at No. 3 after Chun and Chaim won 6-4 over Eric Komati and Stepan Vancurik.

UAB regrouped in singles to sweep all six matches to record the win.

Hadlich opened his match with an opening set win, but fell in the next two in the loss to Oliver Poysti.

Gomez lost a tough match at No. 5 to Pinto, 7-6, 7-6.

-JSU Sportswire



WHERE YOU'RE GOING.