



## Robbery suspects still at large

Police  
investigate two  
off-campus  
burglaries



COURTESY OF HPD

An armed unidentified male robbed the Bank of America on University Boulevard on Friday afternoon.

By IJ CHAN  
The Breeze

Police are continuing to investigate two robberies that occurred Friday near campus.

At 12:52 p.m., police received a call reporting an armed bank robbery at Bank of America, located at 79 University Blvd.

According to Lt. Chris Rush of the Harrisonburg Police Department, a man entered the bank, displayed a handgun and took an undisclosed amount of money.

The suspect is described as 5'8" to 5'9" tall with a medium-to-dark complexion and medium build.

JMU police sent out an alert to students that afternoon, asking them to stay away from the area, as the suspect might still be armed.

The suspect, who's still at large, was last seen fleeing the scene on foot away from University Boulevard. Police are now combing through video footage of surrounding businesses in hopes of getting a better sense of where the man was headed.

Rush mentioned that bank robberies aren't a common occurrence in Harrisonburg. He also said since bank robbers tend to move from place to place, police have put out bulletins throughout the state to track any similarities. Rush said no other cases have been connected to this one so far.

Later at 10 p.m., an alleged armed robbery occurred on the 300 block of South Main street. The suspects were described as one white male and one black male wearing blue bandanas who were reportedly armed with a handgun and a shotgun.

Rush said there's no reason to believe these two incidents are related. He added that although the South Main Street and University Boulevard crimes might not be as heavy as other areas in Harrisonburg, it is important for students and residents to be vigilant regardless.

"Don't take for granted that you live in a part of a city where violent crime doesn't happen as often, that it won't happen there," Rush said. "Be aware of your surroundings. If you see things that might seem suspicious, don't take that for granted either."

However, Rush is hoping that both areas' large populations might help police find the suspects, particularly the suspect involved in the bank robbery.

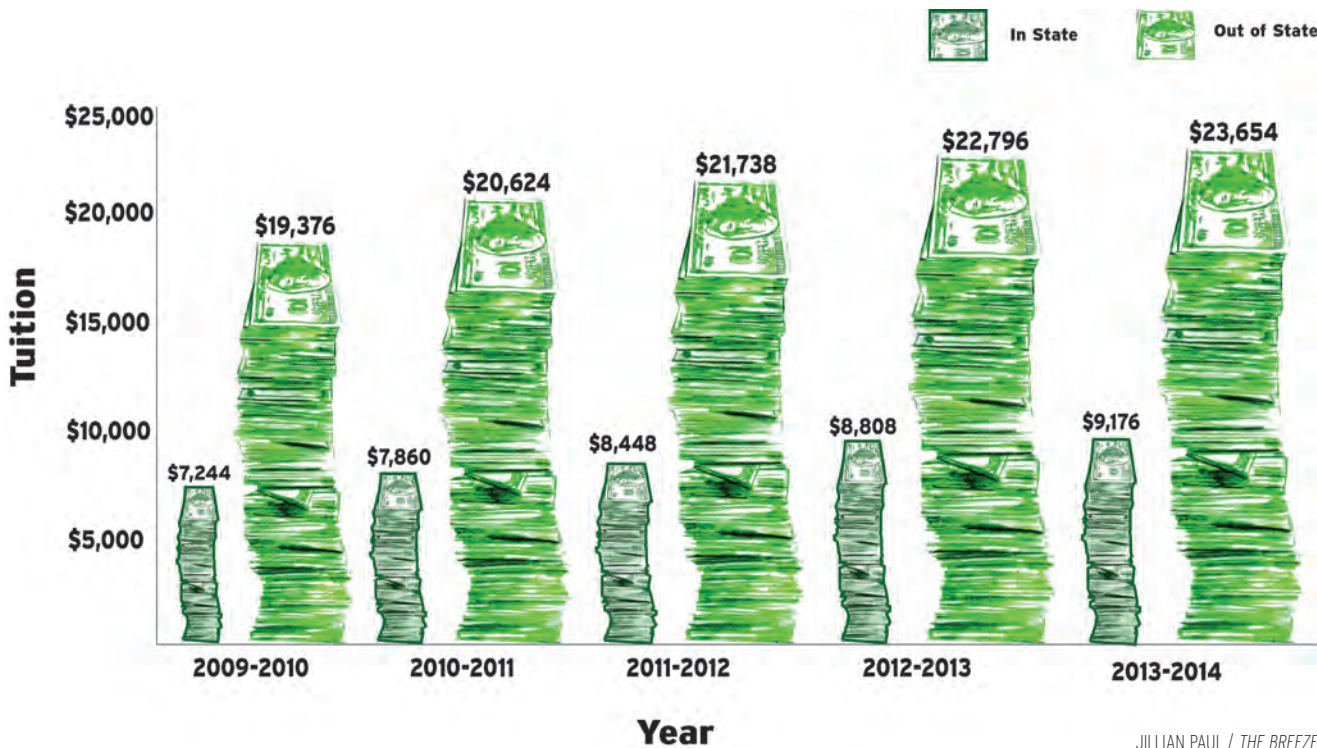
"It's such a populated area," Rush said. "We're hoping that someone might have seen this individual would be able to give us a sense of who this individual is or where they went."

Anyone with additional information on these cases is asked to contact the police at 540-434-4436. Tipsters can remain anonymous by calling Crime Solvers at 540-574-5050. They can also text "HPD" plus their tip to CRIMES (274637).

CONTACT IJ Chan at  
breezenews@gmail.com.

## The price is wrong

Proposed tuition increases upset students as university continues to expand



JILLIAN PAUL / THE BREEZE

From the 2009-2010 school year to the proposed next year tuition rates, in-state tuition has risen 26.6 percent and 22 percent for out-of-state students. Out of the 15 state-supported Virginia universities, JMU has the 12th highest in-state tuition, with U.Va. the highest.

By IJ CHAN  
The Breeze

Along with rising tuition costs, some students might have to pay more for their majors.

At Friday's Board of Visitors meeting, Provost Jerry Benson and senior vice president of administration and finance Charles King both made presentations on differential tuition and 2013-2014 tuition, respectively.

According to King, the proposed tuition and fees for in-state students in the 2013-2014 academic year is \$9,176, a \$368 increase from this year's \$8,808. Out-of-state students will pay \$23,654; an \$858 increase from 2012-2013's tuition at \$22,796. Both room and board and tuition have been on the rise for at least the past four years.

King also mentioned there were several financial issues that JMU needs to address in the coming year, including the rising cost of medical insurance, enrollment growth, the new construction and renovation of academic buildings and faculty and staff

compensation.

Until this year, JMU faculty and staff haven't received a raise since 2007.

"If you're growing, you've got to help pay for that," King said. "We want to make sure that we continue to help our faculty teach in our classrooms."

One way JMU is looking to cover costs is through differential tuition.

Differential tuition, according to Benson, is the concept of having students in certain majors and classes pay extra money. It's proposed that students in the affected majors, like the College of Business, would have to pay an extra \$50 per credit hour for eligible classes.

On average over two years, COB students would take 50 credit hours of fee-eligible courses, which means that based on this year's tuition rates, they'd have to pay an additional \$3,000 on top of their tuition.

If implemented, the changes will be in effect in the 2014-2015 academic year. Benson said this isn't a new concept and other

schools like the University of Virginia, Virginia Commonwealth University and William & Mary either already have differential tuition in place or are anticipating it.

Out of 15 state-supported universities, JMU currently has the 12th highest in-state tuition, the highest being U.Va. at \$10,066 per semester and the lowest being Norfolk State University with \$3,540 per semester.

Benson added that changes at other schools usually affect the students in business, nursing and engineering programs. If implemented at JMU, Benson said the changes will start with the COB and likely carry over into nursing.

"They're typically programs that are of significant high cost and also programs where graduates are facing very high likelihood in terms of employment — a robust employment scenario and the salaries that are significantly different than what would be the average salary of our graduates," Benson said.

see **TUITION**, page 4

## Lucky strike

Junior business major bought a 1950s-era duckpin-style bowling alley

By NICK SLOANE  
contributing writer

The key to being a successful entrepreneur is to seize an opportunity whenever and wherever it arises. For Scott Asbell that opportunity arose 30 miles north of campus.

Nestled on the second floor above a thrift store in downtown Mount Jackson, Va., the Shenandoah Bowling Lanes serves as Asbell's first shot at running his own business.

"People were asking me what I was going to do after graduation," Asbell said. "I always wanted to own my own small business and I said, 'You know I'm just going to move to Mount Jackson and buy the bowling alley,' just joking around. But then it came December and I came to bowl at a party, and there was a 'For Sale' sign on the door."

Asbell drew up a business plan to present to banks in hopes of procuring a loan. Being 20 years old, Asbell had few assets and thin credit, and he was forced to seek out a guarantor: someone willing to put up his own assets for collateral without demanding joint ownership of the business. He turned to his father for assistance.

"My dad's really entrepreneurial like myself, so he was willing to help," Asbell said. "My parents have always supported me. This is just one way they do that."

Within four months, Asbell owned the bowling alley.

The alley is home to duckpin style bowling. The core game remains



TRIXIE HADDON / THE BREEZE

Business major Scott Asbell loads duckpins into the rack. His bowling alley has only six lanes and the machinery and decor have not been updated since its construction in the '50s. Asbell moved to Mount Jackson to run Shenandoah Bowling Lanes.

the same as the traditional tenpin, with the same lane size and distance between pins, but duckpin bowling allows for three rolls per frame and has much smaller pins and balls. The pins are less than half the size of their tenpin counterparts, which increases the game's difficulty.

"No one in history has bowled a perfect 300," Asbell said. "The record

I believe is 278 or 279."

The most fascinating element of the alley resides where patrons can't see: The six pinsetting machines that service the alley's six lanes. They are relics of a bygone era.

"The machines were installed in 1958 and it's like maintaining farm equipment," Randy Gibson, the alley's former owner said. "[My wife and

I] sold the alley to him because we thought he could bring in the younger crowd, but he was also the only candidate who wasn't intimidated by the machines."

Asbell is comfortable with the alley's machines — when a malfunction

see **BOWL**, page 7





Today  
partly cloudy  
76°/55°



Tuesday  
partly cloudy  
81°/57°



Wednesday  
partly cloudy  
82°/59°



Thursday  
thunderstorms  
73°/54°

EDITORS Dylan Garner & Kortney Frederick

EMAIL breezecopy@gmail.com

Monday, April 8, 2013

A2

## The Breeze

Serving James Madison University Since 1922

61 Anthony-Seeger Hall, MSC 6805  
James Madison University  
Harrisonburg, Va. 22807  
PHONE: 540-568-6127  
FAX: 540-568-6736

### MISSION

The Breeze, the student-run newspaper of James Madison University, serves student, faculty and staff readership by reporting news involving the campus and local community. The Breeze strives to be impartial and fair in its reporting and firmly believes in First Amendment rights.

Published Monday and Thursday mornings, The Breeze is distributed throughout James Madison University and the local Harrisonburg community. Comments and complaints should be addressed to Sean Cassidy, editor.

EDITOR-IN-CHIEF  
SEAN CASSIDY

breezeeditor@gmail.com

### NEWS DESK

breezenews@gmail.com

### LIFE DESK

breezearts@gmail.com

### SPORTS DESK

breezesports@gmail.com

### OPINION DESK

breezepinion@gmail.com

### COPY DESK

breezecopy@gmail.com

### PHOTO/GRAPHICS

breezephotography@gmail.com

breezegraphics@gmail.com

### VIDEO

breezevideo@gmail.com

ADVERTISING DEPARTMENT  
540-568-6127

### ADS MANAGER

Ethan Miller

### ASST. ADS MANAGER

Will Bungarden

### CREATIVE DIRECTOR

Zack Owen

### ASST. CREATIVE DIRECTOR

Liz Paterson

### SENIOR ACCOUNT EXECUTIVES

Grant Deker

Kevin Deldjoui

### AD EXECUTIVES

Caleb Dessalgne

Mat Lesiv

Virginia Baker

Grant Deker

Kevin Deldjoui

Elaine Heslin

Sarah Sloan

Zac Smith

Michael Wallace

### MARKETING & CIRCULATION

#### COORDINATOR

Brianna Therkselen

### AD DESIGNERS

Christine Horab

Kylie Donohoe

Jacob Melton

Victoria Smith



Download our  
mobile app at  
breezejmu.org.



www.facebook.com/  
TheBreezeJMU



@TheBreezeJMU  
@TheBreezeSports

# horoscopes



### ARIES

(March 21-April 19)

You're not afraid to make mistakes now. Changing your mind is a sign of strength.



### TAURUS

(April 20-May 20)

Finish up old projects for a brilliant insight. Get the numbers down. Contemplate potential outcomes.



### GEMINI

(May 21-June 20)



Talk it over with family. Friends are helpful for the next two days, and a fantastic suggestion arises.



### CANCER

(June 21-July 22)



Write, blog, record, speak or sing; put your message out. Consider new opportunities. The rules of the game have changed.



### LEO

(July 23-Aug. 22)



Travel compels but could be complex. Talk it over. There are excellent conditions for group discussion. Listen to those with wisdom.



### VIRGO

(Aug. 23-Sept. 22)



Get involved with publications, either by reading, researching, writing or publishing. Share what you're passionate about.



### LIBRA

(Sept. 23-Oct. 22)



There's a change in plans. Rely on partners. You don't have to do it all; delegate! Insist on the truth.



### SCORPIO

(Oct. 23-Nov. 21)



Call a good friend to collaborate on a new creative project. Brainstorm ideas and trust your instincts.



### SAGITTARIUS

(Nov. 22-Dec. 21)



There's now more time for love, so take advantage of it. You're spontaneous and confident.



### CAPRICORN

(Dec. 22-Jan. 19)



There's change ahead. The decisions you make now will last. It's a good time to meet new people.



### AQUARIUS

(Jan. 20-Feb. 18)



Others admire you. An important assignment's coming. Read up on subjects that greatly interest you to prepare.



### PISCES

(Feb. 19-March 20)



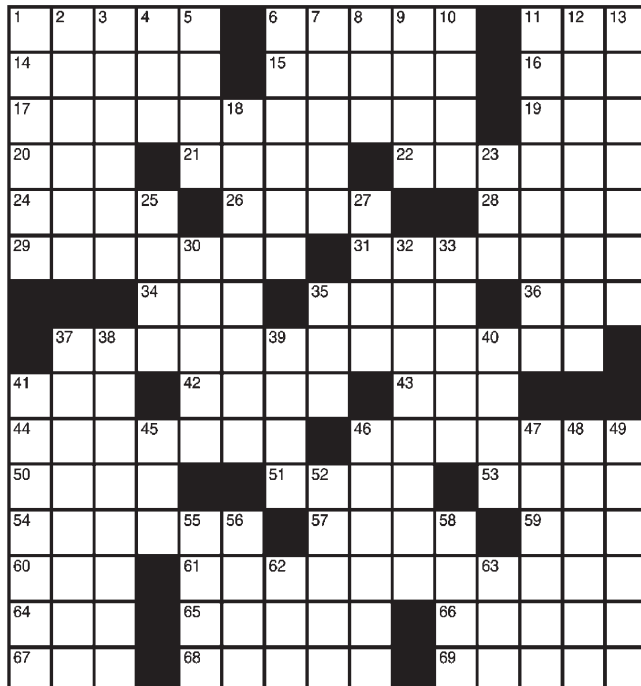
Watch for new opportunities. Revise your words. Use your own good judgment. Discuss changes. Find another way to cut costs.

## Los Angeles Times Daily Crossword Puzzle

Edited by Rich Norris and Joyce Lewis

### ACROSS

- 1 Eva or Juan of Argentina
- 6 "Taking you places" premium movie channel
- 11 Suffix for hero
- 14 '60s-'70s Twins great Tony
- 15 Nest on a cliffside
- 16 "Friends" actress Courteney
- 17 Many a coffee shop, vis-à-vis Internet access
- 19 Corner PC key
- 20 Subj. for immigrants
- 21 Synagogue
- 22 Cowpoke's seat
- 24 Flightless South American bird
- 26 Scottish hillside
- 28 "... believe \_\_\_ not!"
- 29 Hairstyling immortal Vidal
- 31 "Ship out" alternative
- 34 Humble home
- 35 1980s secretary of state Alexander
- 36 False show
- 37 "No need to hurry, is there?"
- 41 "... nuff!"
- 42 Move, in Realtor-speak
- 43 "In \_\_\_ Shoes": Cameron Diaz flick
- 44 Meddles (with)
- 46 "Pretty please ..."
- 50 GPS choices
- 51 Pinnacle
- 53 Geologic periods
- 54 Extensive property
- 57 Sorrowful cry
- 59 Slangy "OK"
- 60 "Wheel of Fortune" purchase
- 61 Gender-determining heredity unit
- 64 Mauna \_\_\_: Hawaii's highest peak
- 65 Harbor cities
- 66 ESPN analyst Garciparra
- 67 Bachelor in personals, briefly
- 68 Early stage
- 69 Extends across



By C.C. Burnikel

4/8/13

### DOWN

- 1 \_\_\_ that be: authorities
- 2 Inventor Otis
- 3 Remington weapons
- 4 Egg: Pref.
- 5 Casual turn downs
- 6 Second-largest planet
- 7 Physicist Nikola
- 8 Dadaism founder
- 9 Spanish rivers
- 10 Greek letter that seems like it should be last
- 11 Summer refreshers
- 12 Hardly an amateur
- 13 Quote in a book review
- 18 "How frustrating!"
- 23 Chip go-with
- 25 Pale as a ghost
- 27 "La Bamba" co-star Morales
- 30 Very strange
- 32 Car headlight setting
- 33 Strike a bargain
- 35 "The Newsroom" channel
- 37 Request for the latest update

## Thursday's puzzle solved

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

- 38 The Twins, at Minneapolis's Target Field
- 39 "Born Free" lion
- 40 Press for
- 41 Windex targets
- 45 Free TV ad
- 46 Words before "Can you give me directions?"
- 47 Cellist who performed at Steve Jobs's funeral

- 48 Like a single-performer show
- 49 Leads, as to a seat
- 52 Garçon's handout
- 55 AutoCorrect target
- 56 Keynes's sci.
- 58 Male heirs
- 62 Appt. book rows
- 63 Soak (up), as gravy

## NATION & WORLD

## Ex-band members plead not guilty in hazing death

Orlando Sentinel

TALLAHASSEE, Fla. — Defendants in the hazing death of Florida A&M University drum major Robert Champion have pleaded not guilty to charges of manslaughter. Circuit Judge Marc Lubet, who has presided over the cases against 14 former members of

FMU's celebrated marching band, noted Friday that pleas were submitted in writing or through defense lawyers.

The judge also set Aug. 2 as his deadline for defendants to accept the state's plea deals, or face a trial.

All are charged in the hazing death of Champion, 26, who died from hemorrhagic shock, the result of excessive internal bleeding, caused by the beating he endured during a hazing ritual on a parked charter bus in Orlando. Most of the defendants had pleaded not guilty last year to felony hazing, a third-degree felony punishable by up to five years in prison.

## Attack in Aghanistan kills 5 Americans

Los Angeles Times

KABUL — The same day that Joint Chiefs of Staff Chairman Gen. Martin Dempsey arrived in Afghanistan for an assessment visit, six Americans were killed Saturday in attacks by insurgents. Five Americans, three soldiers and two civilians, were killed when a

bomb-laden vehicle exploded in Zabul province. An Afghan doctor was also killed in the attack on a convoy headed to a hospital for a visit.

Another American was killed in an insurgent attack in eastern Afghanistan. The one-day American death toll was the highest since last summer.

The bloodshed was condemned by U.S. Secretary of State John F. Kerry, who said the victims included "an exceptional young Foreign Service officer," a woman whose name was not immediately released.

"Just last week in Kabul," Kerry said, "I met our fallen officer when she was selected

to support me during my visit to Afghanistan. She was everything a Foreign Service officer should be: smart, capable, eager to serve and deeply committed to our country and the difference she was making for the Afghan people."

Kerry said the convoy, including U.S. officials and Afghan colleagues, was on its way to donate books to students when the attack took place. Saturday's violence follows an insurgent strategy of attacking foreign troops to persuade them to hasten their departure, as well as targeting symbols of the Afghan state to discredit it.

## Mini Stor It | U Stor It



### Student Summer Storage Special

Serving JMU Students and Faculty for Over 25 Years!

### Rent Your Own Storage Space!

U-Stor-It  
U-Lock-It  
U-Keep The Key

- Closest to JMU
- 24 Hour Security
- Low Prices
- Phone Answered 24 Hours

- Completely Fenced & Well-Lit
- Fire Rated Buildings
- Climate Control Units Available
- Office & Resident Manager

190 E. Mosby Rd. Harrisonburg  
(Located across from Kline's on South Main St.)

433-1234 | 433-STOR  
ministorit.com

FREE T-SHIRT  
FIRST 100 STUDENTS!

Bring In This Ad  
For a Kline's Dairy Bar Coupon!

## SUMMER EMPLOYMENT IN NORTHERN VIRGINIA

Excellent Opportunity for School Teachers and College Students

Between \$1,500-\$2,500 in 2-3 Weeks!

Locations available throughout Northern Virginia.

Must be 18 years old and willing to work long hours every day from

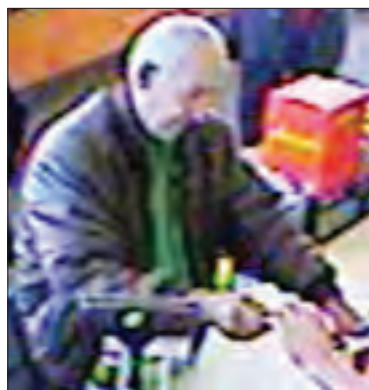
June 19th - July 7th

For more information and online application, go to  
[www.tristatefireworks.com](http://www.tristatefireworks.com)



## Police investigate larceny case

Suspects caught on camera using stolen credit card at Sheetz



COURTESY OF HPD

On March 23, police received a call reporting a lost credit card. Surveillance cameras captured two men fraudulently using the victim's card at Sheetz.

Police are seeking the community's help in another larceny case.

On March 23, the Harrisonburg Police Department received a call from an individual who reported that he had been a victim of credit card fraud. The victim said he lost his credit card sometime in the early morning hours near the Royal Mart, located in the 800 block of East Market street.

The victim's card was fraudulently used several times by two people at the Sheetz gas station, located at 533 University Blvd.

Surveillance cameras captured both suspects using the card and leaving the gas station in a red minivan, possibly a Chrysler or a Dodge.

One of the suspects is described as a white male in his late 50s to early 60s with grey hair and slightly balding. He was last seen wearing a green shirt and a dark jacket. The other suspect is between his 30s and 40s and was last seen wearing blue jeans, a blue shirt with a light colored stripe on each arm and a green or brown baseball cap.

Police are encouraging anyone with any information regarding the identities of the suspects or the owner of the vehicle to contact HPD's Criminal Investigations Division at 540-437-2640.

Callers can also remain anonymous by calling Crime Stoppers at 540-574-5050. They can also text "HPD" plus their tip to CRIMES (274637).

-staff report

## IN BRIEF

### Virginia

#### Man shot and killed at Longwood University

At Longwood University, a Mechanicsville man was shot and killed Saturday night at a construction site, according to the *Richmond Times Dispatch*. Virginia State Police identified the victim as John J. Robles.

Darryl N. Elmore, 52, of Hurt, Va. is being held without bail and has been charged with voluntary manslaughter, reckless handling of a firearm and possession of a firearm by a convicted felon.

The circumstances surrounding the fatal shooting remain under investigation, police said.

#### Charges dismissed against con-man

A Pennsylvania man charged in Virginia with throwing away completed voter registration forms last year no longer faces felony counts, according to the *Washington Post*.

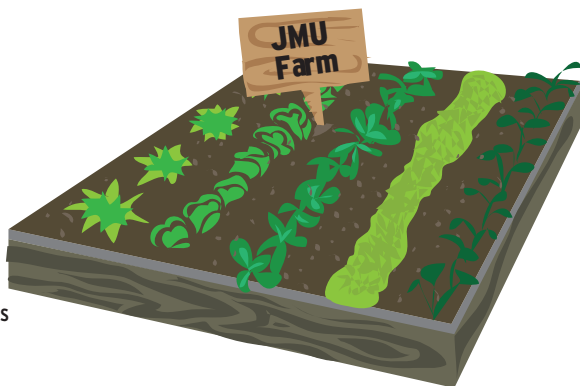
A Rockingham County General District Court judge dismissed eight felony charges against Colin Small on Tuesday. Small, 23, of Phoenixville, Pa., still faces two misdemeanor charges.

# To science and beyond

Senior integrated science and technology majors present their capstone projects

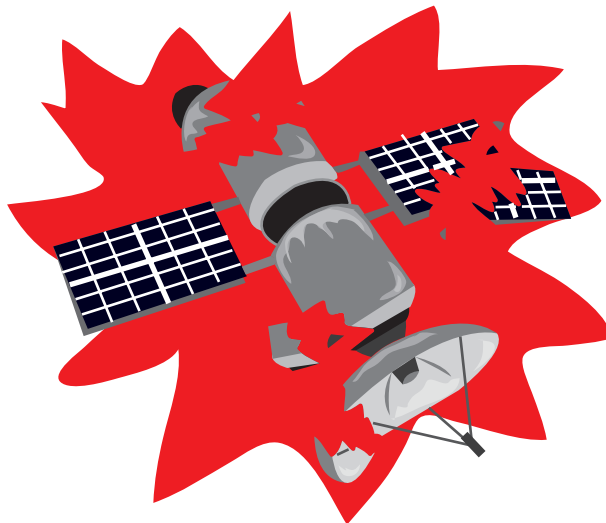
## Invaders of the JMU Farm

The JMU University Farm has served as a base for agricultural students and faculty for more than 70 years, but faces a problem that plagues forests and gardens across the world – invasive species. Using data established by students more than a decade ago, senior integrated science and technology major Olivia Stout wanted to figure out how much these plants have spread across the 31-acre landscape.



## Native Gardening at the JMU Farm: A small-scale intervention ecology model

Senior geographic science majors Emma Sacks and Molly Marcucilli know the impact that invasive species have on areas like the JMU Farm. Their project was designed to tackle it head-on, creating their own native garden to fight against the non-native plants. Their garden, which they plan to build and maintain over the next year, will use only plants that are naturally found in the Shenandoah Valley region.



## Space weaponization

While we may be quite a few years away from "Star Wars"-esque conflicts in space, a group of intelligence analysis students wanted to know what could happen if the right motives and destructive technology aligned. Senior intelligence analysis major Varun Pande took the stage dressed in his ROTC gear, warning about the possibilities that could occur within the "open playing field" of space. Cyberterrorism, space debris and ground-to-space missiles were a few of the examples that Patrick Hoge, Brandon Prosser and Pande said could happen within the next 15 years.

## Agro-Terrorism: Why you should care

Senior intelligence analysis majors Jason Delaney, Brian Donohoe, Kathleen Rickard and Jennifer Sun studied Foot-and-mouth disease, which destroys populations of hooved animals such as cows and pigs. Because of the low "shock factor" and relative ease of weaponizing the disease, they said a group with enough motive and power could heavily damage our agricultural economy without us even knowing it. While not likely, an attack could cost the United States up to \$33 billion.



JILLIAN PAUL/ THE BREEZE

By ELIZABETH DSURNEY, ANNE ELSEA AND DYLAN GARNER  
*The Breeze*

After more than a year of research and work, senior integrated science and technology, geographic science and intelligence analysis majors completed their capstone presentations last Friday, a project which started their junior year.

Their projects "bring together multiple elements from what the students learn in the program," according to Jeffrey Tang, an adviser to intelligence analysis major students.

Senior intelligence analysis majors Varun Pande, Patrick Hoge and Brandon Prosser chose their topic from a theme addressing an unexpected threat to U.S. national security.

The group decided to do their capstone project on space weaponization and its threat to the

U.S. They displayed their results in a 20-minute presentation in front of a large group of students and faculty on Friday.

"The experience we got from the major, as well as from briefing, and writing concisely and well for our bosses," Pande said. "That would be the main experience we got."

Student's projects ranged greatly depending on their interests and area of study. The presentations included beer-brewing efficiency, wind-powered turbines for schools and the cyber threat from Russia.

Senior ISAT major Logan Kendle had a few late nights working on his biochar improvement project, mainly figuring out how to get the new locking systems on the furnace to work properly.

"It was incredibly rewarding to create something and have it actually built, by a professional and have it come out and look

really good," Kendle said.

A stressful moment for Kendle was when he needed to finish some designs and leave them with a steel maker and distributor to build it over winter break. His software license for Vectorworks, a technical drawing and drafting program, ran out the day before, and he had to go to campus to find someone to help him break into the design computer lab to finish the project.

Kendle received a \$15,000 grant from the EPA to fund his project. He will be going to Washington to present and compete for a \$90,000 grant, which will help him continue his research.

"I'm super pumped to go present in D.C. to the EPA," Kendle said. "Hopefully this project will finally help me land a job in the

See ISAT, page 4

90  
years of history

## No Men at Madison

Every Monday, *The Breeze* will feature top stories from previous issues to celebrate its 90th anniversary this year.

Today's feature is from an article in the Feb. 14, 1978 issue, by Tami Richardson.

The admissions procedure JMU uses in its attempt to become a fully coeducational institution has come under fire by the U.S. Department of Health, Education and Welfare as being discriminatory against female applicants.

However, President Ronald Carrier said Monday that if the university uses "sex free" standards as HEW recommends, the school will return to being a single-sex institution. HEW has charged that the admissions policies are in violation of Title IX (regulations on sex discrimination), and has ordered that the university end its practice of giving preference to male applicants over females in an effort to increase the number of men on campus.

In the past, Carrier said, the school's curriculum was oriented mostly toward teacher education and, as a result, most applications were from women.

However, the curriculum has expanded greatly in recent years and so has the number of applications from both sexes. There are now much greater opportunities for men and women. Because of this, the Board of Visitors believes the university should

be allowed to continue its attempts to offset the previous exclusion of male students.

JMU Admission's procedures now take into account objective factors, such as high school grades and SAT scores, as well as subjective factors, like extracurricular activities and the expected contribution the student may make to the university. The use of subjective factors tends to equalize the number of males and females accepted, according to Carrier.

HEW also recommended that JMU's system for assigning dormitory space should not result in "admissions quotas for men and women." The university said the number of students graduating or moving off campus determines the number of male and female freshmen students that may be housed. HEW would like the university to do away with these quotas by using all coeducation dorms.

There are currently 3,592 male students (45.3 percent) and 4,334 (54.7 percent) female students in the student body of 7,926. The HEW team found that 59 percent of regular (resident) admissions last year went to men and 41 percent (680) went to women.

The criteria for honors admissions are also solely objective, according to the letter. Seventy-eight percent (495) of the honors admissions went to women and 22 percent (135) went to men.

However, the letter continues, the residence admissions, which the university calls

regular admissions, are not based solely on objective criteria.

If these subjective criteria were not used, Carrier said Monday, the ratio of women to men accepted would be 70 to 30.

The civil rights team also found other cases of preferential treatment. For example, there were females in the applicant pool (those who met admissions requirements but could not be accepted because of space) who ranked in the first decile of their high school graduating class and had SAT scores higher than the least qualified males who had been offered admission.

However, there were no males in the applicant pool who ranked in the first decile of their graduating class. A comparison of the least qualified females and the least qualified males (based on objective criteria) who were offered admission found that the males ranked at least two deciles below the females. The general finding of the Office of Civil Rights was that when male and female applicants had identical SAT scores and class rank, the female applicants were placed in the applicant pool, while the male applicants were offered admissions.

If JMU refuses to comply with the HEW order to use only non-sex-related criteria for admissions, the university could face a cut-off of federal funding.



# TUITION | Students unsure about possible additional costs to programs



Provost Jerry Benson leads the discussion on differential tuition.

from front

The additional revenue, Benson said, will not only help retain faculty and resources in those programs, but support others as well.

“I have a limited pot of money which to support all of the programs within the academic affairs division,” Benson said. “If I have some very high cost programs that have a different revenue stream, then I can help offset some of those costs from that. That leaves me with more money then, to support the remaining programs.”

SGA Student Body President Matt Klein said Benson had approached him and Jacob Mosser, the student representative to the BOV, and discussed the issue with them. Klein said one of his initial concerns was that the additional costs might discourage students from entering those majors, but now thinks it could have the opposite effect.

“They actually could become more popular,” said Klein, a senior marketing major. “That could be because of prestige, that could be because of they’re growing in popularity anyway. It could also be because they have more resources and they’ll be able to invest that money into professors, resources, better buildings — all those things.”

Klein said although students might be against raising tuition, there’s a need for

additional revenue in the university to support programs.

“No one’s happy about tuition raises, but I think they also understand that these programs are very prestigious programs,” Klein said. “We’re not getting the philanthropy that we need from our alumni and the only other way to maintain and evolve the education that we’ve learned to love at the university, we’re going to have to sacrifice having a low tuition.”

Klein added he’s grateful that the additional funds could help with the faculty salary freezes as well.

“I can definitely see their perspective on that,” Klein said. “College of Business professors do tend to have higher salaries. Obviously I would want to keep these amazing professors around because that is what maintains the value and the prestige of that program and really contributes the value of the degree.”

But junior nursing major Kelsey Rakes thinks it’s unfair to put additional costs on certain majors, since she already knows she’ll be in heavy debt after graduation.

“I know a lot of people whose families are paying for it, but I have to take out loans,” Rakes said. “I pay for everything for myself and I already have at least \$20-40 thousand in debt after I graduate. If I had known it was going to be this expensive I would’ve probably just gone somewhere else.”

Rakes also said JMU should do more to support its students if they do plan on raising costs.

“If they were to differentiate tuition and include all of this, that would make sense,” Rakes said. “All my books are at least \$200 a pop. They’re very expensive medical books that are always changing.”

She added that students in other majors might feel underfunded or less important because of the centralized funds to the nursing and business programs.

“For other majors, it’s gonna make the other majors feel like they’re not needed and that we’re more special,” Rakes said. “That’s not how I feel — we need everybody to make it work.”

Sophomore business management major Sheldon Gagne is also against raising costs. Gagne said he originally came to JMU as an engineering major but switched to business. If additional costs were in effect, he wouldn’t have made the change.

“I currently love my business classes and the switch was perfect for me as it has helped me apply to my own business, a landscaping company in which I own and my fraternity in which I am president of,” Gagne said. “However, I might not have made the switch if paying something else was another factor and could have settled for something else.”

Gagne also thinks that JMU should find other ways to alleviate the lack of funding from the state, such as getting successful alumni to give back.

“Cost would put more stress on me and my family especially with my younger sister coming here next year,” Gagne said. “Cost shouldn’t have to be another thing for students to worry about when really picking out their major and finding their right fit here at JMU. I saw that JMU was just trying to be like other colleges as they defended the plan but, why do we want to follow in the footsteps of other colleges when our motto is ‘Be the Change?’”

**CONTACT** IJ Chan at breezenews@gmail.com.

# ISAT | Most students put in more than 100 hours into the project

from 3

environmental sector doing outdoor conservation and environmental remediation work so that I never have a desk job.”

Tang, an associate professor of ISAT and associate dean of the College of Integrated Science and Engineering, said ideas for the project can come directly from the students or from local industries and businesses in need of assistance.

For their capstone, one credit is awarded in the spring for the proposal, two are in the fall of their senior year, and three are in the spring.

“The ISAT program is geared to problem solving, looking at a problem, getting solutions that best fit and then pursuing

it to address the problem,” ISAT professor Wayne Teel said. “In ISAT, the projects are problem centered and use a variety of disciplines to solve problems.”

Teel saw the students he advised for their capstone projects once a week.

Students are expected to work six to seven hours a week on their projects. At the end of their senior year, they will have presented their project and produced a written report.

“We all agree that [the capstone project] it continues to be a real strength of the program,” Tang said. “Students get a lot out of it, and for faculty members it can be satisfying to advise the project as well.”

It offers students the opportunities to connect with others and offer solutions to

real life problems through their research.

“There’s a real advantage for looking at a project for that long, it’s something that you could go into much greater depth than one could in just a full course or, you know, just a paper or project for an individual class,” Tang said.

Most students put in more than 100 hours into the entire project, working through the summer before their senior year.

“It’s not uncommon to have students devote themselves to a project and really spend a lot of time on their capstone project than really any other course,” Tang said. “It’s something they get attached to personally, and often start to believe in it strongly.”

## Redesigning a Biochar production chamber to decrease smoke loss, steel and cost.

Senior ISAT major, Logan Kendle, worked to redesign and build three new Biochar production chambers on Shenandoah Valley Farms, with a \$15,000 grant from the Environmental Protection Agency. Biochar is the product of a pyrolysis reaction inside a low oxygen chamber surrounded by a larger burn chamber filled with fuel using wood and other organic materials.



KATIE GONG / THE BREEZE



COURTESY OF ISAT

## Madison Eyes in the Sky

A drone has flown over East Campus, and five seniors were manning the controls.

Senior ISAT majors Joshua Jewell, James Kelley, Adam Galoppa, Lee Reynolds and Samuel Glier built an Unmanned Aerial Vehicle (UAV) for their senior capstone project. The group wants the drone to be used in domestic, non-military applications such as police and fire departments, forestry services, real estate touring and land surveying. It can fly for about eight minutes and up to a mile high. The group outfitted the drone with a video camera to be able to stream live feedback through WiFi.

**CONTACT** Elizabeth Dsurney, Dylan Garner and Anne Elsea at breezenews@gmail.com.

North

38

DON'T FIGHT  
THE TRAFFIC ON  
PORT REPUBLIC RD!  
SPACES ARE FILLING FAST!!  
FREE WIFI — \$75 ELECTRIC CAP



540.908.2812 | 1190 Meridian Circle  
NORTH38APTS.COM | Harrisonburg, VA



CAROLINE KELLY |piece of mind

# Get a heart and get healthy: go meatless



COURTESY OF MCT CAMPUS

Vegetarianism has been on the rise in recent years, according to the Huffington Post, and it's no wonder why. I like to think that the uncertain and sometimes turbulent state of the environment, the economy and our politics at

large have made our generation a particularly thoughtful one, ready to tackle difficult ethical quandaries. One of those is the old question, "Is it okay to kill animals for food?" I'm pleased to see more and more people answering "no."

Becoming a vegetarian isn't as difficult as you'd think, but I understand why you're hesitating. "I'd miss meat too much." "How am I supposed to live without bacon?" "I'm a meat and potatoes kind of guy, I'd wither away to nothing." I used to think like that too! However, with a little bit of knowledge, you'll find eating meat is even more difficult.

Maybe you have a pet at home. You're probably used to eating the body of one animal while the other sits under the table hoping for scraps. Oh but your pets are special — they're intelligent and have feelings, they're just like part of the family. Your dinner is just a dumb animal. But did you know that pigs are as intelligent, if not more so, than dogs? That cows form close and lasting relationships with their friends and family? That chickens empathize with each other's pain? Animals think and feel, just like us. And they suffer in horrific conditions in factory farms

and slaughterhouses. It's common practice for unwanted baby chicks to be thrown into grinders, alive, and those that live are crammed into battery cages, too small to move around in, for their entire lives. Pigs are confined to equally small crates. Cows are branded, castrated and dehorned without painkillers. Terrified animals on the way to slaughter are commonly kicked and beaten. If this was happening to a dog on an episode of "Animal Cops," you'd cry. But in the factory farming industry, it's just another day.

Vegetarianism is good for you, especially since we are in the midst of an obesity epidemic. The average American eats three burgers a week, according to pbs.org. A vegetarian diet is lower in trans fats and higher in vitamins and fiber than that of the average "meat eater." You'll hear a lot of concern about getting enough protein, but that's really not so hard as long as you're paying a reasonable amount of attention to what you eat. You can get protein from foods like beans and legumes or supplements. Variety is key, but that's nothing new. You're not going to get all the nutrients you need eating just chicken nuggets and fries either, are you?

And speaking of your health, let's talk about how factory farming is bad for that too. When animals are kept in crowded, filthy, stressful conditions, they get sick easily. When they're fed ground animal byproducts (the bits too disgusting to even put in sausage) for protein, diseases spread even faster. Remember the Mad Cow Disease scare? To prevent this, they're given large amounts of antibiotics. These, in turn, breed antibiotic resistant bacteria, like salmonella

and E.coli, which spread to the food you eat.

Eating meat is also terrible for the environment. The livestock sector is responsible for 18 percent of the world's greenhouse gas emissions, according to a study conducted by the Humane Society. We raise an incredible amount of cows, which in turn produce an incredible amount of methane, especially when they're fed on a diet of corn, which is more difficult for them to digest. The factory farming industry also contributes to the growing monoculture in the Midwest, where vast quantities of corn, corn and you guessed it, corn, are the dominant crop. Your seafood isn't safe either. If anything, it's worse.

They don't just catch fish. Dolphins, whales, sharks, seabirds, seahorses and endangered sea turtles are caught in nets by the hundreds of thousands, and even fish that are too young or the wrong species are hauled up with the rest of the catch. These unwanted animals, the bycatch, are simply tossed back into the ocean, dead or dying. Species in genuine danger of going extinct are tossed over the side like trash, all for a can of tuna.

Being a vegetarian isn't necessarily easy. It's hard to sit down and think critically about where your food comes from and what, or who, it is. It's hard to give up something you enjoy. But when I think about the amount of death, suffering and environmental destruction that goes into something as simple as a burger, it's easy to think to myself "This isn't the right thing to do."

Caroline Kelly is a senior English major. Contact Caroline at kellyce@dukesjmu.edu.

JESSICA WILLIAMS |in plain English

# Budget cuts a brilliant act

Americans sacrifice far more than the president

The White House has fallen into the "borrowed money trap." If you're not familiar with this phenomenon, imagine loaning



a friend a hundred dollars to pay off a parking ticket only to catch them dining at a fancy restaurant the next day. The government is that friend.

Every financial move the administration makes is being scrutinized and, because of this, Obama has made a few cuts in Washington to please the country — the most prevalent being that he's "donating" five percent of his salary to the treasury and White House tours have been canceled until further notice. Democrats in Washington have hailed these budget cuts as nothing short of heroic, but these changes are not as drastic as one might think.

First of all, five percent of a \$400,000 salary is only a \$20,000 decrease — and the pay cut doesn't include the money he earns from public appearances and his memoirs, which have made him a multi-millionaire in the span of four years. Obama is by no means clipping coupons or buying ramen noodles, here.

While the donation is meant to be symbolic, showing that the administration is contributing to putting a dent in the debt as much as the average American, the numbers certainly prove otherwise. The 2013 sequester has already caused middle-class Americans to lose jobs by the thousands and take salary cuts as big as 15-to-25 percent, and it's not estimated to make a huge impact until late summer or early fall.

"There are more defense cuts taking place. An air force base in Tullahoma, Tennessee reportedly will end 128 of 1,809 civilian jobs on April 19. There's already a 20 percent pay cut and weekly furloughs for those remaining," according to CNBC. American workers are making huge sacrifices while Washington continues to rake in cash.

But Obama is not the only political figure under the gun for not giving up his fair share. House minority leader Nancy Pelosi, who is said to be worth \$26 million or more, said that taking a pay cut wouldn't "respect the work we do" and was beneath "the dignity of the job," according to the *Sacramento Bee*.

I'm sorry. Next time my step-father has to take a pay cut because the government doesn't know how to budget correctly, I'll let him know that a good excuse not to accept it is that it's

"beneath him."

There are those select few members of congress who are willing to make cuts that will actually impact their salary. Rep. Tammy Duckworth, a first-term congresswoman and a double-amputee from the Iraq war, is cutting her pay 8.4 percent, which is close to the level of the sequester cuts. However, she is one of only five senators giving up some pay.

Keeping up the grandeur of "sacrificing for America," the White House also canceled tours this year, causing thousands of elementary and middle school kids to lose an annual field trip. If their parents are making sacrifices, why not include the kids too?

First of all, five percent of a \$400,000 salary is only a \$20,000 decrease — and the pay cut doesn't include the money he earns from public appearances and his memoirs, which have made him a multi-millionaire in the span of four years. Obama is by no means clipping coupons or buying ramen noodles, here.

The only reason I can think of for this change is that it's a clearly visible budget cut. It's as if the administration is looking at all of us with an expectant look on its face, saying, "Ahh? See what we did? See how we're helping?" But there are so many other options for budget cuts.

According to "8 Easy Ways to Cut Government Spending" from usnews.com, the federal government could save \$12 million a year if they stopped mailing recordings of everything the government does and says and just posted it all online. Why choose the tours?

In the end, the White House budget cuts are just another act in the constant show Obama puts on to look like he's fulfilling his promise of "change." Yes, things are changing. Things were going to change no matter what. The question is: Are they really changing for the better? The answer is, for now, no.

Jessica Williams is a junior English and writing, rhetoric and technical communication double major. Contact Jessica at breezeopinion@gmail.com.

DARTS & PATS

Darts & Pats are anonymously submitted and printed on a space-available basis. Submissions creatively depict a given situation, person or event and do not necessarily reflect the truth. Submit Darts & Pats at breezejmu.org

A "respect-Madison" dart to the woman in class who was outright rude and arrogant to peers presenting a program.  
From a woman who knows you should have paid more attention to the values of the Madison Way.

A "get-the-stick-out-of-your-butt" dart to East Campus Dining Hall who won't allow us to play hockey on your wall because you're afraid we'll get hurt, even though we're wearing NHL-certified gear.  
From a student who is not 4 years old and knows how to take care of himself.

A "you-make-me-happier-than-coffee" pat to Jennifer Jordan, who works at the POD in Showker Hall.  
From a frequent customer who appreciates your bright smile.

An "I'll-never-let-go" pat to myself for holding on to my original gold JACard.  
From a graduating senior who thinks you're more valuable than the Heart of the Ocean.

A "slow-the-hell-down" dart to the calendar for moving in fast-forward these past few weeks.

From a nostalgic senior who is dreading graduation.

A "get-a-life" dart to those on campus that feel the need to send snarky replies to bulk emails.  
From a staff member who thinks you should have better things to do, like reviewing the QEP's eight ethical reasoning questions to become a better person.

A "movie-star" pat to Roger Ebert, whose passion for the movies inspired me to become a SMAD major.  
From a Duke who will miss your reviews and hopes you and Richard are having a good time in the big movie theater in the sky.

A "dude, seriously?" dart to the frat guys who threw a full Mongolian Grill container at me outside of Dukes and then drove away.

From the food-covered and heavily stained chica who laughed it off this time, but next time will not be nearly so gracious.

A "how-about-I-give-you-a-reason-to-need-crutches" dart to the guys who were making fun of my injured friend outside of D-Hall.  
From a woman who now has a list of your biggest fears.

A "look-who-showed-up-15-minutes-late-with-a-Starbucks" dart to the warm weather.  
From Punxsutawney Phil.

An "I-have-lost-the-ability-to-school" dart to myself for not getting anything done this past weekend.  
From a burnt-out junior with a

bad case of senioritis who wishes it was summer.

A "lions-tigers-and-bears-oh-my" pat to the circus that's coming to town this month.  
From an overly ecstatic student who has always wanted to go to a circus and might end up running away with it.

A "there's-an-easy-solution-for-that" dart to my teacher for complaining about having so many papers and tests to grade.  
From a student who wouldn't mind having a few less papers and tests.

A "where-have-you-been-all-my-life?" pat to Dukes' Alfredo pasta.  
From a student who went two years without ever knowing how good you are.

Editorial Policies

The Breeze welcomes and encourages readers to voice their opinions through letters and guest columns. Letters must be no longer than 250 words. Guest columns must be no more than 650 words.

The Breeze reserves the right to edit submissions for length, grammar and if material is libelous, factually inaccurate or unclear. The Breeze assumes the rights to any published work. Opinions expressed in this page, with the exception of editorials, are not necessarily those of The Breeze or its staff.

Letters and guest columns should be submitted in print or via e-mail and must include name, phone number, major/year if author is a current student (or year of graduation), professional title (if applicable) and place of residence if author is not a JMU student.

The Breeze

Serving James Madison University Since 1922

EDITOR-IN-CHIEF . . . . . SEAN CASSIDY  
MANAGING EDITOR . . . . . ANNE ELSEA  
NEWS EDITOR . . . . . LJ CHAN  
ASSISTANT NEWS EDITOR . . . . . ELIZABETH DSURNEY  
ASSISTANT NEWS EDITOR . . . . . ERIC GRAVES  
OPINION EDITOR . . . . . JESSICA WILLIAMS

LIFE EDITOR . . . . . MARY KATE WHITE  
LIFE EDITOR . . . . . NATALIE JOHNSON  
SPORTS EDITOR . . . . . HAYLEY THOMPSON  
SPORTS EDITOR . . . . . WAYNE EPPS JR.  
COPY EDITOR . . . . . KORTNEY FREDERICK  
COPY EDITOR . . . . . DYLAN GARNER

PHOTO EDITOR . . . . . LAUREN GORDON  
PHOTO EDITOR . . . . . MATT SCHMACHTENBERG  
DESIGN EDITOR . . . . . JULIAN ALI  
GRAPHICS EDITOR . . . . . JILLIAN PAUL  
ONLINE EDITOR . . . . . HEATHER BUTTERWORTH  
VIDEO EDITOR . . . . . BRADFORD AMBROSE

"To the press alone, chequered as it is with abuses, the world is indebted for all the triumphs which have been gained by reason and humanity over error and oppression."

— JAMES MADISON, 1800





**Q101 LIVE BROADCAST + 4/12 + 1-5PM**  
**FROM THE COMMONS + FREE FOOD & DRINKS**

COME EARLY - FIRST 10 PEOPLE TO TAKE A TOUR WILL RECEIVE A \$25 GIFT CARD  
+ EVERYONE WHO TOURS WILL BE ENTERED TO WIN A \$250 GIFT CARD & AN iPad



APPLY @ [JMSTUDENTHOUSING.COM](http://JMSTUDENTHOUSING.COM)  
540.438.3835 | 869 B PORT REPUBLIC RD



LIMITED TIME ONLY | RATES, FEES, DEADLINES & UTILITIES SUBJECT TO CHANGE | WHILE SUPPLIES LAST AN AMERICAN CAMPUS COMMUNITY

**PHEASANT RUN**  
**T O W N H O M E S**



Please join us for  
our annual

**PHUN DAY**

**FRIDAY,**  
**April 26th**

**FROM 3-5 PM**

You won't want to miss  
the obstacle course,  
music, Kline's Ice Cream,  
**FREE FOOD**, and always  
great giveaways!

**COME CHECK OUT OUR COMMUNITY, TOUR OUR MODEL, MEET POTENTIAL ROOMMATES, OR JUST HANG OUT WITH YOUR NEW NEIGHBORS!**

**ACT NOW!**  
The **MOST SPACE** at the **BEST PRICE**.  
Just **\$430** for all-inclusive living.  
(Save \$400 NOW by waiving application fees and security deposit!)



We're located at 321 Pheasant Run Circle. Our office hours are Mon.-Fri. 9 am to 5 pm,  
and Sat. 10am - 2pm. No appointment necessary! Roommate situations and full townhomes  
are filling up quickly. Call us at (540) 801-0660 or visit us at

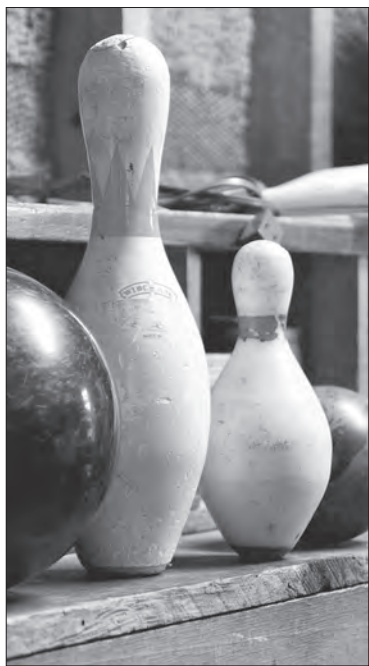
**WWW.PHEASANTRUN.NET**

FOLLOW US ON FACEBOOK: [WWW.FACEBOOK.COM/PHEASANTRUNJMU](http://WWW.FACEBOOK.COM/PHEASANTRUNJMU)



## BOWL

'I had no idea what it was gonna be like'



TRIXIE HADDON / THE BREEZE

**Duckpin bowling pins are less than half the size of their tenpin counterparts, which increases the game's difficulty.**

from front

causes a ball to end up where the pins not in play are stored, he wastes no time correcting the problem. He jumps onto the catwalk above the machines, removes the ball and resets the pins with ease.

Managing a business of any size is rare for someone just on the verge of turning 21. But luckily Asbell has enlisted the help of some of his Young Life peers, including junior interdisciplinary liberal studies major Josh Tolton.

"I'm helpin' Scott out for now and he's giving a job for the summer," Tolton said. Having never before been immersed in the world of bowling, duckpin or otherwise, the old aforementioned machinery was the biggest challenge for Tolton. "I had no idea what it was gonna be like, and it was surprising to see how it all worked."

"I have to have time to be a boyfriend, a friend and a brother; managing my time is definitely a challenge."

Scott Asbell

The alley itself has a very distinct '50s style, as few elements and equipment have changed since its construction. Asbell plans on keeping the style, albeit with a few modern additions. PowerPoint slides on a mounted monitor will replace announcements currently pinned on cork board and the white walls of the alley will be painted.

Asbell said the community has been extremely supportive and welcoming, grateful that someone is willing to help the business — a part of the local history and culture — survive. Two bowling leagues, a men's league and a co-ed league, practice at the alley weekly. Many members of the men's league frequently bring their wives to the alley to bowl together.

The paperwork for the alley's ABC license will be filed once Asbell turns 21 next week. All these improvements combined with the intimate yet open atmosphere make Asbell believe Shenandoah Bowling Lanes is ideal for first dates and group parties.

"It's kind of the perfect place for parties, because it's not very expensive to rent out the whole place as there are only six lanes," Asbell said. "You can bring your own music, hook up your iPod or whatever as you'll have the whole place to yourself."

Asbell feels that the experience he's gaining now is just as valuable as his business studies. Being a business-owner and a college student pose a lot of the same challenges, particularly time management.

"It is difficult, the time it takes," Asbell said. "I own this, I'm a volunteer leader for Young Life which is like 15 hours a week. I have to have time to be a boyfriend, a friend and a brother; managing my time is definitely a challenge."

**CONTACT** Nick Sloane at [sloanent@dukes.jmu.edu](mailto:sloanent@dukes.jmu.edu).

# A night among the Stars

Non-profit to host an evening of dance to raise awareness for mental health issues

The stars will be out this Wednesday night in Wilson Hall Auditorium. Dancing With the Stars for Suicide Prevention is sponsored by Active Minds, an organization dedicated to raising awareness of mental health issues on college campuses. The event will feature dance routines performed by well-known JMU students.

The students will perform an array of styles, ranging from salsa to hip hop to contemporary dance. After each couple's performance, the pair will give a presentation about a certain facet of mental health.

Seven couples will perform at the event. At the end of the night, the audience will vote for their favorite couple via their cell phones. The couple receiving the most votes will be named "JMU's Favorite Dancers" and will receive a special prize.

Tickets are \$2 and can be purchased through any of the participating students or through a member of Active Minds, or at the door. For more information, contact the organization through its website, [jmuactiveminds.org](http://jmuactiveminds.org).



**STAR:** Pat O'Brien, senior biology major, Mr. Madison  
**PARTNER:** Sarah Janser, senior psychology major  
**STYLE:** Latin jazz and salsa

"I think it's for a great cause, helping to raise money and raise awareness to people throughout JMU's campus about something that typically can be overlooked, and bringing it to the foreground and into the spotlight. It's done in a very interactive and unique way." -O'Brien



**STAR:** Matt Klein senior marketing major and student body president  
**PARTNER:** Gina Mogavero senior media arts and design major  
**STYLE:** Hip hop

"While JMU is one of the happiest places in the world— it's probably the Disney World of academia — there's still people that are dealing with depression and suicide. Someone that you know very well may be dealing with it now. So I feel like us taking initiative really means a lot for students that are dealing with those issues." -Klein



**STAR:** Mina Imbs, junior health sciences major, 1787 August Orientation and junior class treasurer  
**PARTNER:** Ann Vespestad, freshman interdisciplinary liberal studies major  
**STYLE:** Contemporary

"I think it's cool because usually you'll see something like a week-long program on campus about it, but it's cool to have a whole event that's like fun but educational. In high school I had a few friends that struggled with depression, and that was the topic that we were given to represent. So it's kind of cool that we got that one, I can really relate to it." -Imbs

**STAR:** Stefan Peierls, senior marketing major, former president of Phi Chi Theta and JMU Teach instructor  
**PARTNER:** Stephanie Carney, senior studio art major  
**STYLE:** Swing and blues

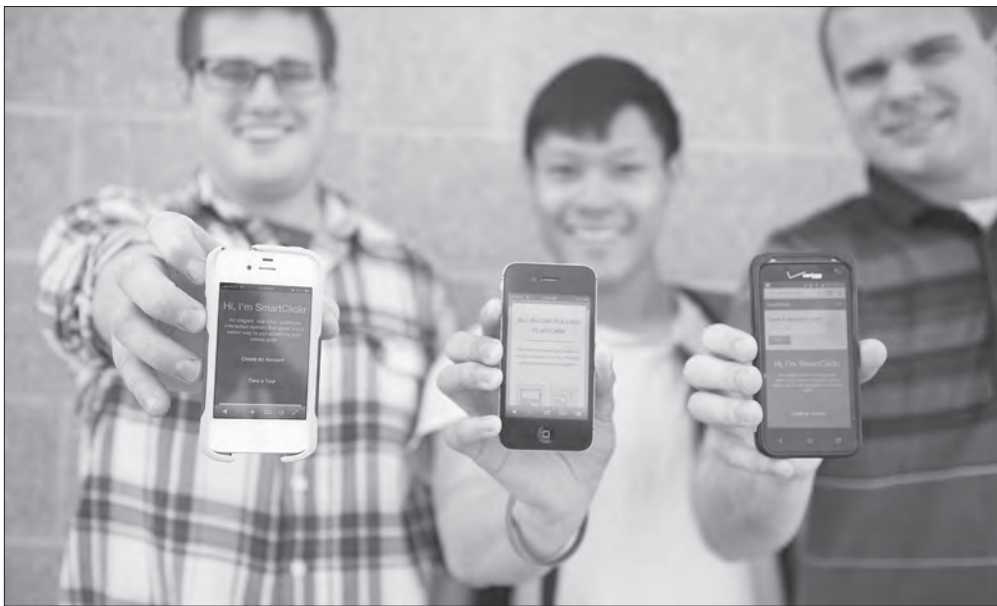
"I teach a JMU Teach course called 'diverse unity.' One of the main things in it is you have to understand other people and where they come from. That's a big thing about suicide: you don't know when someone wants to kill themselves. They might be the saddest person in the world and you won't know." -Peierls



PHOTOS BY JAMES CHUNG / THE BREEZE

# Revealing real-time results

Senior ISAT students develop free, user-friendly website to rival classroom clickers



MATT SCHMACHTENBERG / THE BREEZE

**Jimmy Dempsey (left), Daniel To and Billy Godfrey show off their website, SmartClickR on their smart phones. The site enables students to check into class and answer questions, displaying results in real-time.**

**By JUSTIN FILIAGGI**  
*The Breeze*

A group of integrated science and technology students has recently developed an idea that might save you time and money, eliminating the need for expensive clickers.

Senior ISAT majors Brad Fischer, Billy Godfrey, Daniel To and Jimmy Dempsey are the creators of SmartClickR, an interactive polling platform that uses real-time data to display responses from users of web-enabled devices.

"Most of the student population has a laptop they bring with them, or at the very least a smart phone," said server engineer Brad Fischer. "We thought we might as well make that utilization something that's going to benefit their education."

The program, which uses four different question types: free response, numeric free response, multiple choice and true/false, has the ability to replace the \$55 students are forced to pay for clickers in certain classes.

Fischer cites many problems with the traditional

clicker, namely the expensive cost and the fact that "each room has to have a proprietary dedicated hardware connection that in addition you have to buy software for. Beyond that, JMU has to send some of their IT support staff out to get trained to be able to set up and maintain it."

They also don't have real-time feedback as SmartClickR does.

While there are competitors out there, SmartClickR sets itself apart because it is solely web-based. The competing companies use either downloaded software or a clicker to operate.

"It's easy to use, it's quick, it's simple, it's made by JMU," infrastructure engineer Billy Godfrey said. "JMU people would love to use something that's made by JMU. We started a couple weeks ago talking about marketing and we figured it doesn't have enough features just yet."

This past Friday the four developers presented their idea to students and professors at the ISAT Senior Capstone Project Symposium. They displayed the usability of their idea by asking the audience to simply link to their website and answer the question

posted: What is your favorite season?

As the audience chose their responses, the website proceeded to fill out a pie chart in real-time. The group walked through the process of creating an account, creating a poll and then editing the poll, which all took less than five minutes.

"We wanted it to be usable which means that when you want to use it, it will work and that it can work basically wherever, whenever you want to use it," front-end developer Dempsey said. "We wanted it to be real time so it can grasp the growth so you can actually see your input and feel like you're making a difference in that instead of just displaying after everyone's already tallied their results."

The group prides itself on four functioning qualities of the program: speed, usability, real-time feedback and being a fun platform.

"It was just a playful idea at first and then from there we talked to our advisers and they helped us define the idea and then we just expanded from there," said To, the server-side developer. "There were some roadblocks just working with these new technologies. A lot of the documentation for what we wanted to use just wasn't out there."

Along with using Linux as the main operating system, the group used a host of cutting edge technologies including Twitter Bootstrap, Node.js and Socket.io to maintain the functions of the website.

In their capstone presentation, the group noted that the primary target audience for the website is students from middle school up to college, as well as companies that have the ability to use the program in conference presentations.

"We would like to eventually add more question types to the program to increase the dynamic nature of the program," To said. "Anything we can do to increase the speed and usability of the website."

As of now, the website remains free to use with or without an account. The group says they plan to make money by charging each user one dollar to use their website, a welcoming alternative students said they would be willing to pay for.

"It's an incredibly awesome idea and I think they have the potential to make a lot of money," Fishman said. "It's friendly and fun to use and it's very marketable to students."

**CONTACT** Justin Filiaggi at [filiagjr@dukes.jmu.edu](mailto:filiagjr@dukes.jmu.edu).



## BASEBALL (14-16)

## Unlucky seven

Losing streak continues as Dukes are swept by ODU in weekend series



LAUREN GORDON / THE BREEZE

Senior Billy Logan went 0-4 at the plate with a strikeout during Sunday's 14-2 loss. It was JMU's seventh straight loss and ninth in 12 games as it fell to seventh in the CAA standings.

By **STEPHEN PROFFITT**  
*The Breeze*

An attitude adjustment is on deck for JMU baseball. The Dukes dropped their seventh straight game Sunday, 14-2 as Old Dominion brought out the brooms for a weekend sweep.

"This has gone just too far," redshirt junior first baseman Matt Tenaglia said. "We're too good of a team, too much talent to let this happen. We're at the bottom right now, so you can only work your way up."

It's the second straight weekend the Dukes have been swept in conference. During the losing streak they have been outscored 61-26.

The team traditionally communes in left field following a game. Sunday, head coach Spanky McFarland made the players take a seat, so he could deliver a lengthy speech.

"I said [to the players] that the people who paid to see us play today ought to get their money back," McFarland said. "We ought to be embarrassed with the way we're playing right now."

The team lost 12 straight at one point last season that eventually turned into 17 losses in 18 games, but the Dukes are desperate to find a cure before they get a blast from the past.

"We suck," Tenaglia said. "I'm honestly speechless right now. We're going to have to pick it up this week or we're going to find ourselves where we were last year."

Old Dominion won the first two games of the series, 7-4 and 6-5 respectively. JMU made late-inning strides offensively in both, but could not match the Monarchs in the run column.

"We can't feel sorry for ourselves," McFarland added. "We're going through a rough patch. You can't make excuses."

On Sunday, McFarland's troops grabbed their first lead of the weekend in the first inning, but it was short-lived. ODU's Ben Verlander (brother of MLB star Justin) hit a towering ball to left field that took a skyward bounce over the head of sophomore left fielder Chad Carroll. The eventual triple cleared the bases and broke a 1-1 tie, which opened the floodgates. ODU was up 7-1 after three innings.

"The most disappointing thing to me is that we got down six or seven runs, and then just checked out," McFarland said. "I would be extremely embarrassed if I was this team right now."

With the wind blowing in on Sunday, JMU bats were subsequently hindered by the gusts holding many balls inside the park, keeping the Dukes to just seven hits. Their drive was also gone with the wind.

McFarland said he was ashamed of the body language his team displayed in the second half of Sunday's game.

"Energy on the field, it's just not there," Tengalia said of the team.

One good thing did come out of this weekend for junior second baseman Conner Brown, last year's everyday third baseman, started his first game in the field on Sunday after nursing a torn labrum all season. Brown had been in the lineup most of the season as designated hitter, but Sunday's start at second base was his first real dose of defensive playing time.

"It felt good to start a game again," he said. Brown and six other Dukes are batting over .300 on the season.

One of them, senior center fielder Johnny Bladel took a career high 15-game hit streak into the weekend but had it snapped Saturday night in front of 1,000 spectators. Bladel, who is known for his pesky at-bats, is ranked in the top five nationally for on base percentage. Following Friday's game, he led the nation. He entered Sunday with a .546 average.

The Monarchs came in to the series dead last in the conference in team batting average at .272. However, the team stepped up behind Verlander hitting .333 in Harrisonburg.

Baseball is a game of streaks, but McFarland said he will "work day and night to get this thing turned around." He is confident that they can do so but it won't happen without a change of attitude and a desire to succeed.

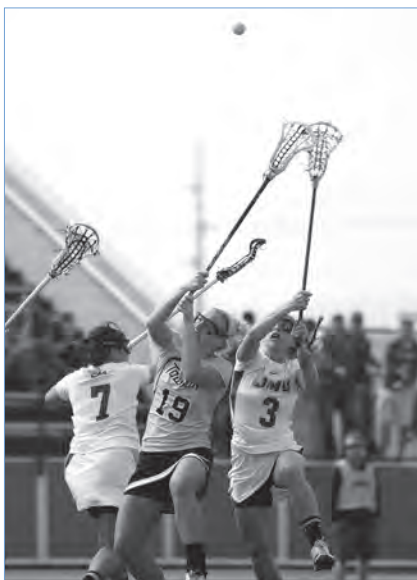
JMU's last win came on March 27 against Liberty (21-4). They travel to Lynchburg tomorrow to face the Flames, looking to end this mid-season slide.

**CONTACT** Stephen Proffitt at  
proffits@dukes.jmu.edu.

## LACROSSE (7-5)

## Dukes falter in first conference loss

JMU gives up 6-4 halftime lead as Towson out-scores team 12-4 in second half



MATT SCHMACHTENBERG / THE BREEZE

By **CONNOR DREW**  
*The Breeze*

It's a rare occurrence for a team that has an 8-4 lead in the second half to feel like the game is getting out of its hands. But that's what happened to lacrosse on Sunday.

JMU lost 16-10 to Towson University at home in what was its fourth loss in the past six games. The Dukes blew a four-goal lead and were unable to find any sort of offensive rhythm in the second half, allowing their record to fall to 7-5.

And the game didn't just get out of hand — it became chaotic.

"We didn't have composure," head coach Shelley Klaes-Bawcombe said. "We were fouling a lot. We were fouling on the draw; we were fouling on the defensive end. I just didn't think that we had the composure to make the simple play. We just seemed a little too amped."

The Tigers were able to maintain possession for the majority of the second half while playing physical throughout the game. The JMU defense was unable to defend in the crease and lost 12 draws in the second half — a recipe for disaster.

"If you don't win the draw, then you have to rely on a stop on defense and those weren't happening," redshirt senior attacker Casey Ancarrow said. "We couldn't get the ball out of [our territory] and they capitalized on every mistake that we made."

Ancarrow scored two goals and had an assist. She increased her career goal total to 153 scores, fifth on JMU's all-time list and

eight goals from fourth place. Those two goals came in the first seven minutes of the game to put the Dukes up 4-0 before Towson scored two of their own.

Even when the teams went into the locker rooms at half time, the Dukes maintained a 6-4 lead and immediately scored two more goals when they began the second half.

"We couldn't get the ball out of [our territory] and they capitalized on every mistake that we made."

**Casey Ancarrow**  
Redshirt senior attacker

"Obviously they were pissed when we scored those goals," said sophomore attacker Steph Finley, who scored those opening second-half goals and tallied four overall.

After Finley's goals, Towson exploded a minute later and went on a six-goal run in less than five minutes. The Dukes were noticeably distraught by the onslaught and fans were silenced when the scoreboard read 10-8 Towson, their first lead of the game.

"I think our team got a little bit overwhelmed with all of it at once," Klaes-Bawcombe said. "A lot of fouls being called, not coming up with the draw, giving up

some soft opportunities on the defensive end which we really haven't since day one. It's a little uncharacteristic of us and they had a hard time responding."

The game was intensely physical, garnering five yellow cards, four of which came in the second half after Towson took the lead. But the Dukes felt they were up to the physical challenge Towson had presented them — it was their lack of communication that caused the defensive collapse.

"I don't think that we were necessarily worrying about them being physical," Ancarrow said. "I think we made our own mistakes more so than they forced us to make them with their physicality."

JMU is entering the home stretch of its schedule, with a three game road trip coming up against conference opponents Hofstra University, Drexel University and the College of William & Mary. The Dukes close out their season at home on April 21 against conference opponent Old Dominion University.

After the game, the team gathered and stressed the need to stay focused and grow in maturity on the field.

"I think discipline and focus come from mentality," Klaes-Bawcombe said. "I think that we do have a young group and I think that right now they're using that as an excuse to not have to stay focused. Yes, that is something that is learned over time through maturity, but we need them to find it now."

**CONTACT** Connor Drew at  
drewcj@dukes.jmu.edu.

**TOP LEFT** Towson redshirt junior attacker Ashleigh Rohrback scores one of her four goals.  
**TOP RIGHT** Sophomore attacker Steph Finley (left) had four goals and five shots Sunday.  
**BOTTOM** Redshirt senior attacker Casey Ancarrow scored two goals and had two assists Sunday.



# Classifieds

HOW TO PLACE AN AD IN  
**4 EASY STEPS**

Go to [www.breezejmu.org/classifieds](http://www.breezejmu.org/classifieds)  
All classifieds are placed on The Breeze website at no additional cost.

1 Log in from the menu, register as a new user

2 Once logged in, select "place now ad"

3 Fill out the online form

4 Select "click here to submit your ad" for payment & review

DEADLINES

MON. ISSUE: FRI., 12PM

THURS. ISSUE: TUES., 5PM

Questions? Call 588-5127

PAYMENT OPTIONS

Major Credit Cards

MasterCard

Visa

Discover

American Express

Cash

Check

## WANTED

**SUMMER EMPLOYMENT!** Taking time off from school? Work for Student Services Moving & Storage Co. \$11-\$13/hr plus travel, tips & bonuses. Apply online [www.studentsservicesmoving.com](http://www.studentsservicesmoving.com).

**MEDICAL RECEPTIONIST (BI-LINGUAL)** Seeking candidate with flexible availability, computer/IT, and health insurance knowledge. Must be professional, friendly, and able to work within a team setting. Email resumes to [icollins@emergicare.com](mailto:icollins@emergicare.com)

**LOOKING FOR AN AMAZING SUMMER JOB?** Timber Ridge Camp, a children's overnight resort in High View, WV, still has several openings for male counselors. All Room and Board provided and top salary's. Spend the summer doing the things you love with children. Apply online at [www.trcamps.com](http://www.trcamps.com) or call 800-258-2267.

**JACK BROWN'S/SINGLE-WIDE/BILLY JACK'S** hiring all locations, all positions. Experience preferred, not necessary. Apply within, 80 S. Main St., Harrisonburg.

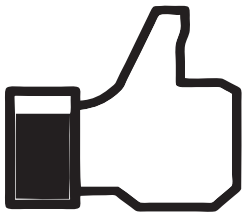
## FOR RENT

**3-4-6-7 BEDROOM PROPERTIES** available 2013-14, Near Memorial Hall with large bedrooms. Starting at \$295 a month 540-564-2659. <http://www.castleproperty.com>. Pet friendly

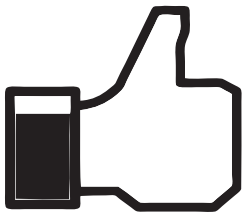
**3 BEDROOM TOWN HOME** for rent - looking for two roommates. 3 master bedrooms each with private bath. Nice common areas with a large laundry room. \$425 per month per person with individual lease. Cable/internet and trash removal provided. Available June 2013. Call 703-987-0483 or email [maudtraveler@aol.com](mailto:maudtraveler@aol.com).

**GREAT HOUSE FOR RENT** for 2013-2014 4 Bedrooms 2 bath S. High St. Close to campus. Good Parking. Rent is \$1200/month. 540-478-3234

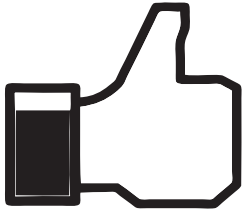
**PRICE REDUCED**, exceptionally nice four bedroom four bath house. \$295. Elizabeth St. 540.810.3632.



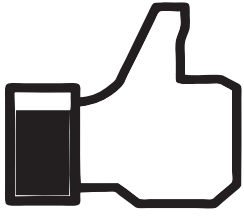
LIKE US



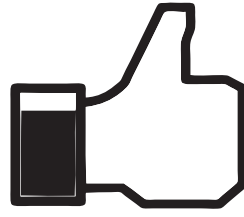
LIKE US



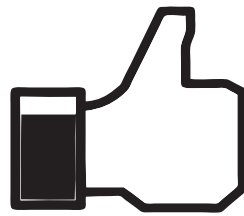
LIKE US



LIKE US



LIKE US



LIKE US

ON FACEBOOK  
TO GET MORE  
OF THE BREEZE

## BECOME A PAID, PUBLISHED WRITER.

EMAIL [BREEZEEDITOR@GMAIL.COM](mailto:BREEZEEDITOR@GMAIL.COM) TO WRITE FOR US!

GET  
YOUR  
NEWS  
ON THE  
GO.

FOLLOW  
US ON  
TWITTER



THEBREEZEJMU

## Attention Lifeguards

Massanutten Resort™ is Training and Hiring!



Part-time & Seasonal Positions  
Starting at \$8.50/hour

Stop in or apply online  
[www.MassResortJobs.com](http://www.MassResortJobs.com)

Certification, Review, and  
Instructor Classes available.  
Lifeguard training is on-going.  
Lifeguard Instructor and Water  
Safety Instructor Training  
starts in April.



For more information, call  
(540) 289-4987 or visit  
[massresort.com/aquatics](http://massresort.com/aquatics)



## New, Lower Auto Loan Rates

Plus, get  
**125%**  
financing!



James Madison University  
Gibbons Hall, Harrisonburg, VA 22807  
[www.cofcu.org](http://www.cofcu.org) / [www.facebook.com/cofcu](http://www.facebook.com/cofcu)

New & Used Rates  
As Low As

**1.49%**  
APR

Rates effective 3/18/2013 and subject to change. APR = Annual Percentage Rate. Other rates and terms apply. Rates include ½% discount for checking bundle and automatic payment. Membership eligibility required. See [cofcu.org](http://cofcu.org) for full details. Federally Insured by NCUA

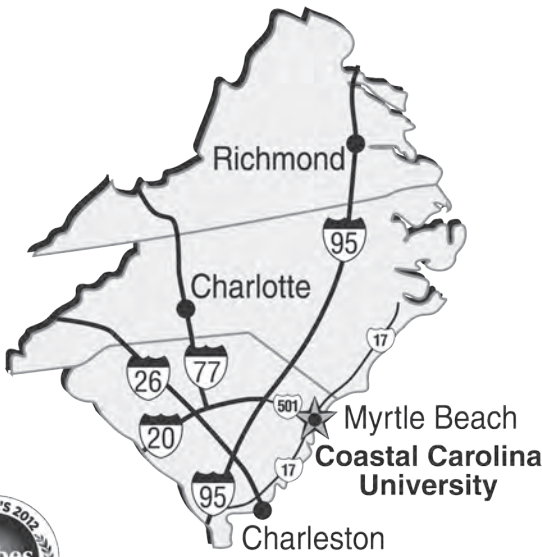


# Summer Study In The Sun.

Advance your academic progress  
without giving up your summer.

Coastal Carolina University offers four flexible sessions for an array of undergraduate, graduate and study abroad courses for both enrolled and visiting students. The University's close proximity to the Myrtle Beach resort area allows for serious study without giving up opportunities for summer jobs and summer fun.

- **Maymester** (May 13 - June 7)
- **Summer I** (June 10 - July 12)
- **Summer 8-week** (June 10 - July 30)
- **Summer II** (July 15 - Aug. 9)



FIND US ON FACEBOOK  
[facebook.com/CoastalAdmissions](https://www.facebook.com/CoastalAdmissions)

@CCU\_Admissions

For more information, email [summerstudy@coastal.edu](mailto:summerstudy@coastal.edu)

  
**COASTAL CAROLINA**  
UNIVERSITY  
[coastal.edu/summerstudy](http://coastal.edu/summerstudy)



# Spring into Action

## Pricing:

**\$500-\$545**

Limited Time!

## To Apply:

~ \$35 application fee  
(per person)

~\$100 administration fee

**\$0 Security Deposit!**

(with approved credit)

**1 pet per bedroom**

**\$350 per fee**

**\$20/month pet rent**

## Overlook at Stone Spring

wants you to be our neighbor

### We proudly offer:

- Professional, friendly onsite management
- Individual leases
- State-of-the-art **Fitness Center!**
- Coffee Bar
- Zero Entrance **saltwater pool**
- Volleyball & basketball courts
- Fenced in Bark Park

### And much more!

### Your new home features:

- Granite countertops
- Washer & dryer in every apartment
- Private bathrooms
- Private walk-in closets
- Cable with wireless internet
- Generous electricity allowance and **peace of mind!**



# Single & staying that way!

[Act now to reserve one of our few remaining one bedrooms]

**Copper Beech**  
Townhome Communities

copperbeechjmu.com  
410 Copper Beech Circle

**540.438.0401**