



MONTEREY SALINAS TRANSIT SUPPORTS PEDESTRIAN-FRIENDLY CAMPUS



By Yollette Merritt

Founded in 1994, making it the second youngest institution of higher learning in the California State University system, California State University, Monterey Bay (CSUMB) - one mile from the ocean at Monterey Bay, and just a few miles from Monterey and Salinas - covers 1,387 acres. That's a lot of territory to travel as any member of the CSUMB community can attest.

The new draft CSUMB Master Plan carries forth and expands upon the pedestrian-centric strategies included in the previous 2007 Master Plan which has a pedestrian-friendly and pedestrian-safe campus. New construction currently underway, as well as planned for the future, is based on high-density protocols, allocating the outer areas of the campus for vehicle parking and traffic. Pedestrian-friendly means more walking and using alternative means of transport.

An important partner in making a pedestrian-friendly campus a reality is the Monterey Salinas Transit (MST) Authority. A nice addition from an aesthetic point of view - especially during the fall and winter months - is the MST historic-looking trolleys that circulate on campus picking and dropping off students. Out of a total of 62 MST routes, which cover a good portion of the coast from San Jose in Santa Clara County to Big Sur and Paso Robles near San Luis Obispo - "seven directly serve CSUMB with an additional three serving close by at the Dunes," said Lisa Rheinheimer, MST Director of Planning and Marketing. "Based on the MST Transit App usage, the most popular used routes are Lines 16, 18, 25 and 26."

"Data shows on average over 2,000 unique riders - students, faculty and staff - use the bus at least once each academic year over the last several years," said Matthew McCluney, CSUMB senior campus planner.

Continue CSUMB Transit on page 2



Credit MST (top, bottom right). MST historic trolley at library stop. Photo by Yollette Merritt (bottom left).

Shocking vandalism found on campus

By Hailey Hill

On Nov. 9 of the Fall 2018 semester, a student had a shocking discovery. While walking to class near Lot 72, California State University, Monterey Bay (CSUMB) student Kristen Finley noticed that someone had drawn a swastika onto the pavement that experiences daily traffic from students.



Swastika found on the ground near Lot 71. Photo by Kristen Finley.

"It definitely wasn't something I expected to see walking to class, and the first thing I wondered was how many people walked by it before I did and didn't report it," said Finley, "especially since it was within such a short time from the Synagogue shooting in Pittsburgh." The Synagogue shooting, which resulted in 11 deaths and seven injuries, occurred on Oct. 27, 2018, shortly before the discovery of the swastika on campus.

"I don't believe that it's truly an act of anti-Semitism, but someone's version of a very, very sick joke. I just hope that if things like this appear on campus in the future, that other students are more eager to report it," concluded Finley.

Despite students not being especially eager to confront this issue, the police department was quick to act. Shortly after Finley tweeted a photo of the vandalism, tagging the University Police Department (UPD) to bring it to their attention, the UPD attempted to gather as much information as possible on this concerning display.

While the swastika is indisputably a symbol of hate, UPD Police Chief Earl Lawson explained that "the most we can charge them with is a misdemeanor for vandalism. While a swastika is sad and uncalled for, it can't be a hate crime because there's no direct violence." Although there is no word on whether the culprit was caught, the UPD believes the vandalism occurred late the night before or in the early morning of Nov. 9, when it was reported by Finley.

Meanwhile, CSUMB continues to make every effort to be an inclusive, diverse campus, and it is encouraging to note that vandalism such as this is certainly out of the ordinary. Brian Copening of the Office of Inclusive Excellence spoke out about the issue to say "[the] goal here is to make sure that students here feel safe, welcome and that they have a second home here. CSUMB has a positive reputation as one of the more inclusive and diverse campuses, so to see this on our campus is beyond disappointing."

Otter Chatter

By Jessenya Guerra

Question: How many times have you changed your major?



Michael Vang

Third Year

Current major: social, behavioral and global studies: anthropology

"I've changed my major four times, about to be five. I am looking into switching to journalism. My original plan was to graduate Spring 2020, but it looks like I'll be graduating Fall 2020 instead."

Samantha Chavez

Second Year

Current major: kinesiology



"I have never changed my major. I had a plan when I came to college. The only thing I looked into was possibly a biology major, but I went with Kinesiology because I knew I wanted to be a physical therapist."

Laurel Doyle

Third Year

Current major: visual and performing arts



"I am VPA as of now, but I am planning on changing to a teaching program in child development. I really enjoy being a stable system for kids in public schools, especially for lower-income areas where kids may not be safe or comfortable all of the time. Although I'm an artist, I figured with teaching I could still do art on the side. Check out my Instagram @third_kidney_designs"

Mario Gonzalez

Third Year

Current major: Spanish



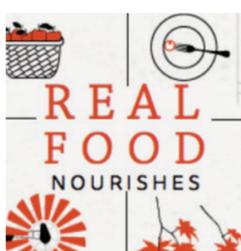
"I have never changed my major. I knew that I wanted to major in Spanish. I started learning it as general education and was really interested and wanted to learn more. Spanish is really good for a wide variety of jobs when you are bilingual or fluent."

Campus car thefts



Valuables stolen from several cars parked in Lot 508

Real Food Challenge



CSUMB to shift \$1 billion in real food spending

Music Maven



A live review of Real Estate in San Francisco

CAMPUS

Valuables stolen from student cars in Lot 508

By Hailey Hill

A recent string of car burglaries have caused students at California State University, Monterey Bay (CSUMB) to take extra precautions when securing their vehicles.

The thefts occurred in the early morning hours on Jan. 27 and were all reported in parking lot 508. Each car that was broken into had their windows smashed and the similarities between the incidents suggest that it was the same culprit, or culprits, committing each theft.

Items that were reported to be missing included a baseball bag that also held baseball gloves, a chain necklace and Oakley sunglasses. A Kate Spade wallet was also stolen from a vehicle, as well as a red emergency kit from another.

Student housing recently sent out an email to inform those on campus of these events and to give tips on how to keep your own vehicle and items safe.

"If you see a suspicious person, please do not approach them since they may be dangerous," the email read, "Instead, call 911 or the emergency dispatch at (831) 655-0268 immediately and report the location and the physical description of the suspect's clothing, height

Campus Alert



and weight, direction of travel and any vehicle description."

It is worth noting that "many of the thefts from motor vehicles or auto burglaries here at CSUMB occur at night. The thieves selectively choose vehicles based on what they can see through the window or they check the door handles of cars until they locate one that is unlocked."

There are a few ways to protect your vehicle from burglary as much as possible, including, "always lock[ing] your vehicle and mak[ing] sure all of your windows are closed, remov[ing] valuable items from plain sight, and consider[ing] having an alarm or security system placed in your vehicle."

Updates will be published in upcoming issues as *The Lutrinae* communicates with the campus police about this issue.

Last month for grads to order caps and gowns

By Jenna Ethridge

Students expected to graduate this spring have until 9 p.m. on Feb. 27 to order their caps and gowns. Caps, gowns and graduation packages can be picked up at Gradfest, taking place on April 3 and 4 in the UC Ballroom from 9 a.m. to 6 p.m. both days.

This year's ceremonies will be occurring throughout May 17 and 18. The ceremony for the College of Education and College of Science will take place on Friday, May 17 at 3:30 p.m.. On Saturday, May 18, the College of Arts, Humanities and Social Sciences'

ceremony will be at 9:30 a.m., while the College of Business and College of Health Sciences and Human Services' ceremony will begin at 3:30 p.m.

Students can go to http://colleges.herffjones.com/college/_csumb/ or scan the QR code to order caps and gowns, as well as keep up with current information regarding this semester's commencement at CSUMB.EDU/commencement.



CSUMB Transit

Continued from page 1

"CSUMB students, faculty and staff took over 250,000 rides on the MST bus network over the 2017-2018 academic year. Based on the CSUMB Fall 2018 Travel Survey, with approximately one-third of the campus as respondents, approximately 9 percent of all students who responded (including east campus residents) take the bus as their primary commute mode to class," commented McCluney.

Many new or transfer students do not realize members of the CSUMB community, including faculty and staff, benefit from a unique plan where all are able to ride all MST buses for "free" with their Otter Card. The university contributes a fee to help offset costs funded by a portion of the student's Materials, Services and Facilities fee allocated by the Student Fee Advisory Committee.

The following reasons as to "why a CSUMB student, faculty or staff member should give MST a try" was shared by Carl Sedoryk, General Manager/CEO of MST, who states that "you don't have to be straight A student to see that using MST makes a lot of sense."

1. Save money

AAA estimates the cost of owning and maintaining a car as over \$10,000 per year. Why waste money on parking, fuel, maintenance, insurance and financing on a car that sits idle 90 percent of the time when you can use your CSUMB ID card to use MST to take you anywhere you need to go around Monterey County and beyond?

2. Save time

Instead of sitting behind the wheel, use your precious time more productively by catching up on your studies or stream the latest podcasts and videos on MST's wi-fi enabled buses.

3. Save the earth

Single occupancy vehicles remain the greatest mobile source of greenhouse gas emission impacting our environment. A single person commuting alone by car, who switches a 20 mile round-trip commute to existing public transportation, can reduce his or her annual CO2 emissions by 4,800 pounds per year, equal to a 20 percent reduction in all greenhouse gases produced by a typical two-adult, two-car household. By eliminating one car and taking public transportation instead of driving, a savings of up to 30 percent of carbon dioxide emissions can be realized.

the **lutrinae**

lutrinae: (loo' trih-nā') n.
a subfamily classification,
scientific name for the otter.

The Lutrinae is a weekly campus newspaper covering CSUMB and its neighboring areas. Here at *The Lutrinae*, our goal is not only to educate and inform the public, but to entertain, to spark creativity, to encourage diversity of opinion, and to build a sense of community on campus and with the neighboring cities.

VOL. 2, ISSUE 17

THE STAFF

EDITOR-IN-CHIEF
Jessenya Guerra
editor@thelutrinae.com

PRODUCTION MANAGER
Griffin Dehne

WEBMASTER
Carlos Estrada

AD & DISTRIBUTION MANAGER
Shaylea Stark

ASSISTANT EDITOR
Jenna Ethridge

PRODUCTION ASSISTANT
Mikko Mananghaya

ADVISOR
Sara Gobets
sgobets@csumb.edu

OPERATIONS COORDINATOR
Jason Garrett
jagarrett@csumb.edu

CONTACT

OFFICE PHONE
831.582.4066

GENERAL INQUIRIES
thelutrinae@csumb.edu

ADVERTISING SERVICES
advertising@thelutrinae.com

MAILING ADDRESS
Wave Hall
100 Campus Center,
Seaside, CA 93955

WEBSITE
www.thelutrinae.com

@the_lutrinae



EDITORIAL POLICY

The Lutrinae is a student-run publication produced for the students of CSUMB. Opinions expressed herein do not necessarily reflect the views of *The Lutrinae*, CSUMB administration, faculty, or staff.

The Lutrinae serves two purposes: It is a training ground for students who wish to develop journalism skills and build their resume, and it is a forum for free expression of campus issues and news. *The Lutrinae* Editorial team will determine what to print and reserves the right to edit for libel, space, or clarity.

Advertising revenue supports *The Lutrinae* publication and events. Letter to the Editors should include first and last name and should be submitted via email. *The Lutrinae* reserves the right to reject any Letter to the Editor for any reason, and anonymous letters will not be published.



Millions potentially at risk due to earthquakes in the San Francisco Bay Area

By Hailey Hill

Two earthquakes, happening just a day apart, shook the San Francisco Bay Area in more ways than one last month. The epicenters of these quakes both occurred along with the Hayward fault, which has been described by experts as a "tectonic time bomb."

The Hayward fault is particularly dangerous, arguably even more so than the feared San Andreas fault, for a few reasons. An eye-opening report by the U.S. Geological Survey estimates that a significant earthquake, such as a magnitude 7 quake, could have an initial death toll of at least 800, which would increase due to the likelihood that "more than 400 fires could ignite" following the quake.

The Hayward fault runs through the eastern, most densely populated region of the Bay Area, putting as many as 2 million people at a high risk. The fault typically sees a major earthquake "once every 150 to 160 years, give or take 70 or 80 years," according to the report. The last major earthquake, a magnitude 6.8, occurred along the faultline 150 years ago. While there is no guarantee that a major quake will hit within the next few years, many became especially concerned about the risk after the smaller tremors hit the Bay Area.

The Loma Prieta earthquake, which occurred in 1989 in the Santa Cruz mountains, stands as an example of how far the reach of earthquakes can be. Although this quake did not occur along the Hayward fault, it had effects on both the San Francisco Bay Area, as well as the closer Monterey Bay area. Noting this begs the question: how would the Monterey Bay area, a region many of us call home, be affected if the Hayward fault or another fault had a "big one?"

"While we do have the San Andreas fault practically in our backyard here in Monterey Bay, we also have the San Gregorio, the Calaveras and the Hayward faults too," explained David Minovitz, an environmental science professor at California State University,

Monterey Bay (CSUMB), "There's a whole zone, [so] we're kind of caught in a vice right here. The Loma Prieta Earthquake in 1989 was a reminder to Monterey Bay residents of the continued movement of North America alongside the Pacific plate at about 1.5 inches/year. It was a reminder that we are living in a beautiful, yet seismically active area. There are actually hundreds of earthquakes in the central coast everyday, most of which we don't even feel."

The thought of a significant earthquake can be troubling for many, however, "I don't think Monterey residents need to be worried about earthquakes on a daily basis. More people die from driving on the freeway," Minovitz concluded, "but it is important to learn about the long history of natural disasters in this part of the world. There have been earthquakes not far from CSUMB, and there will be lots more to come, in our lifetimes or beyond."



Credit USGS.

CAMPUS

Campus commitment to shift \$1 billion on healthier food

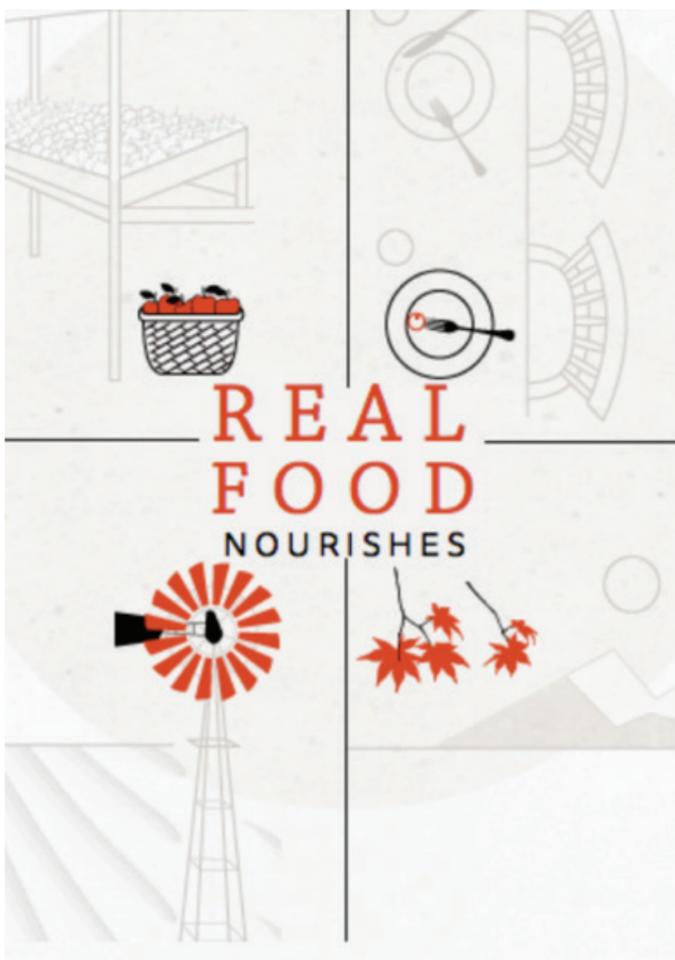
By Yollette Merritt

The Real Food Challenge (RFC) is a national student campaign dedicated to creating a healthy, just and sustainable food system with a goal is to shift \$1 billion in institutional food spending to “real food.” California State University, Monterey Bay (CSUMB) is one of over 262 institutions of higher learning nationwide, and one of the 12 in the 23-member California State University system that has signed the “Real Food Campus Commitment.” The commitment includes a pledge to procure at least 20 percent “real food” annually by 2020.

The challenge has already been met by the University of Vermont, “three years early, and is now setting its sights on 25 percent by 2020,” reported Mike Buzalka in the July 10, 2017 issue of Food Management Magazine. “Increasingly we’re finding businesses that understand millennials’ desire for transparency, authenticity and honesty in marketing - especially when it comes to food,” commented Anim Steel of Real Food. “To date, over 1,000 student researchers have researched over 570,000 unique food products, amounting to nearly \$4 billion in campus dining purchases,” according to the Real Food Calculator Report.

Food as a category is listed on CSUMB’s website sustainability page with the following comment: “Here at CSUMB, food is integrated in our everyday lives and our commitment to being sustainable. All dining services on campus compost and recycle, creating less waste that goes in landfills. Also, local food options are served when possible to benefit health, community and the environment.”

“Real Food A is a food item that qualifies as real food in more than one category (e.g. meat that is local, community-based and humane),” according to the Real Food Standards report, “Real Food B is a food item that qualifies as real food in only one category (e.g. produce that is only ecologically sound).” CSUMB’s 2014 Real



Food performance chart was not very impressive with 1 percent qualified as Real Food A, 3 percent qualified as Real Food B and 96 percent registered as conventional food. “More recent data should be available on the CSUMB sustainability webpages in the very near future,” stated Lacey Raak, CSUMB Sustainability Director.

CSUMB had its first RFC report completed in 2016 as part of a student’s capstone project, followed by the 2017 report done by former food service provider

Sodexo. Student intern, Krista Sherman, was hired in November 2018 by the new food service provider A’viands to work on the implementation and reporting of RFC progress at CSUMB. The tracking tool used by all institutions is “The Real Food Calculator.”

The most recent CSUMB RFC score is yet to be published, but some of the more visible changes include increasing vegetarian/vegan and allergen-free food options, in addition to the recent switch to organic milk. A start, but still a distance to meet the 2020 target goal. “CSUMB can do a lot more in making use of the many locally produced food sources in the community,” commented Sherman. Local produce is not as easy to obtain as one might think as there is a rigorous set of conditions to be met for a local product to be classified as “real.”

The local product must contain more than 50 percent ingredients sourced within 250 miles of a campus. Bread baked by a local bakery in Salinas with flour from Nebraska does not qualify. The product must be produced by an independently owned business, and if the business is privately-traded or an cooperatively-owned company, it must make less than one percent of the industry leader. These factors are designed to benefit the local economy.

One change that fourth year marine science student Duncan Miller would like to see in food offerings is to “give an option to have ‘cracked eggs’ instead of the pre-packaged liquid-egg product that is served at breakfast.” Miller also commented that he would like to see a farmer’s market with fresh and healthy offering on campus, benefiting from the support of campus-wide marketing.

Not to be limited to one person or team, the RFC is a campus-wide call for student participation and activism by ongoing assistance with the audit process and research about new product opportunities and recommendations in regards to purchasing priorities.

This day in history

Feb. 7

By Ray Kaiser

Apart from being National Fettuccine Alfredo Day, Feb. 7 is filled with many other important holidays, such as being the birthday of Charles Dickens. Feb. 7 was a big day for democracy, communism, and both manmade and natural celestial bodies.

1795

The 11th amendment to the United States Constitution was ratified, prohibiting the federal courts from hearing certain lawsuits against states.

1986

Haitian president Jean-Claude Duvalier ended the 28-year dynasty of his family when he fled the country.

1812

Charles Dickens was born.

1990

The Soviet Union was dissolved when the Central Committee of the Soviet Communist Party agreed to give up their monopoly on power.

1900

The first plague epidemic in the continental United States occurred when a strain of the bubonic plague ravaged San Francisco's Chinatown.

1991

Haitian president Jean-Bertrand Aristide was sworn in, becoming the nation’s first democratically elected president.

1940

The second full-length Walt Disney film, “Pinocchio,” premiered.

2009

Bushfires in Victoria killed 173 people in the worst natural disaster in Australia’s history.

1962

The United States banned all Cuban exports and imports.

2013

The U.S. state of Mississippi became the last to approve the Thirteenth Amendment and the abolition of slavery, officially certifying the amendment after was formally ratified in 1995.

1979

For the first time since either celestial body was discovered, Pluto moved inside the orbit of Neptune.

2014

Scientists announced that the Happisburgh footprints in Norfolk, England, date further back than 800,000 years ago, making them the oldest known hominid footprints outside of Africa.

1984

American astronauts Bruce McCandless II and Robert L. Stewart made the first untethered space walk during the STS-41-B mission of the Space Shuttle Program.



www.GOMYTHIC.com
THE PREMIER PLACE TO PLAY & GAME

SANTA CRUZ
149 S. River Street
(831) 600 – 7451

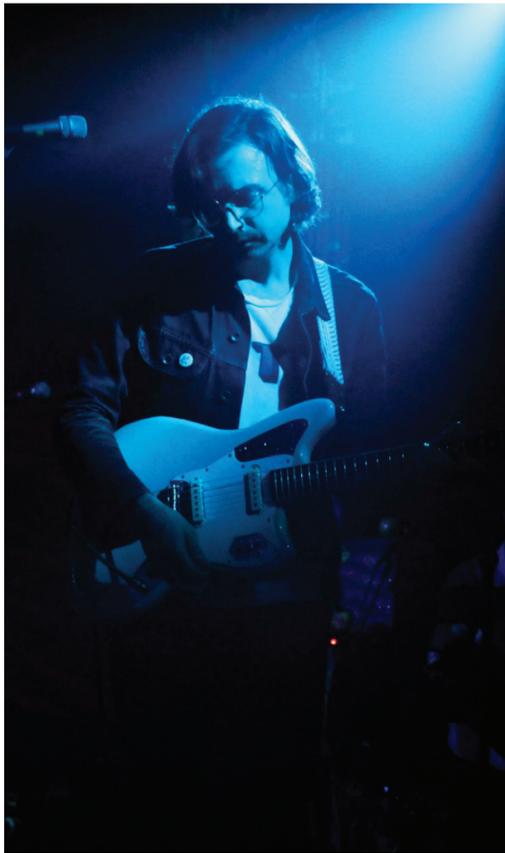
MONTEREY
561 Tyler Street
(831) 747 – 1472

SALINAS
776 Northridge Mall
(831) 272 – 6441



MYTHIC'S ONLINE EMPORIUM
www.MOE-GAMES.com

COLUMNS



Real Estate: A Live Review

Music Maven

Story and photo by Jenna Ethridge

Real Estate had a sold-out, three-day residency at The Chapel in San Francisco from Jan. 31 through Feb. 2. The Brooklyn-based band made their way to California in an effort to raise money through a portion of ticket sales to directly benefit Northern California Fire Relief and those affected by last year's Camp Fire.

In addition to ticket sales, 100 percent of the proceeds from presale orders of the band's limited edition "Reality Estates" wine - made in collaboration with Echo Echo - will also be contributed to the Northern California Fire Relief fund.

The band's opener varied each night as Confusing Mix of Nations performed on Jan. 31, Business of Dreams played on Feb. 1 and Healing Potpourri opened on Feb. 2. Healing Potpourri is a lounge pop band based out of San Francisco, which made their performance sentimental for the band and crowd alike. An array of instruments contributed to their smooth jazz sound - including electric guitar, bass, synthesizer, electric piano, saxophone, flute and drums - and the set consisted of a variety of songs from their two albums, "The Way Water Bends Light" and "My Eyes Never Really Adjusted to the Light."

Real Estate performed a diverse range of songs from their existing discography, as well as debuting new songs from their forthcoming LP and fifth studio album through Domino Record Co. which has yet to be officially announced. New songs that were performed during Saturday's show include "Friday," "November," "Paper Cup," "Main Thing" and "Also a But."

The band also performed fan favorites and songs from their most recent album, "In Mind," which was released in March of 2017. Lead singer Martin Courtney's voice translated beautifully live, as did the band's chemistry with the occasional banter and smiles shared on stage. During the band's encore, Courtney accidentally began playing a song from the previous night's performance rather than what was on the setlist, which prompted bassist Alex Bleeker to joke that his mistake required a \$5 contribution to the band's jar.

Colorful, psychedelic visuals blanketed the stage that were being produced in real-time by a friend of the band through oils, paints and other materials - complimenting the band's groovy direction being established by the new songs. Follow @realestateband on Instagram for more updates concerning the new album and tour dates.

What to expect when camping

Car-ticle

By Kristen Finley

First and foremost, it's enthusiastically recommended that all campers, new and experienced, enlighten themselves to Leave No Trace's seven basic principles to keep all forms of natural land free of human waste and pollutants (this includes campsites). The less respect we have for our natural land, the less likely we are to have it available for future generations. It is no one's responsibility but our own to keep our world pure for the next band of nature enthusiasts. The best mark to leave is no mark at all.

Shopping List Part 1:

- Road Atlas:** Even in the age of advanced technology, there are places that satellites have a difficult time sending and receiving GPS signal. Therefore, it's a clever and little-known trick to plan an adventure the old fashioned way (or to at least have it as a back up). In the event of getting lost and not having the signal necessary to plan the next move, an atlas will be a trusty substitute. Just be careful to make sure it's up to date and to be educated as to how to orient yourself on a map.
 - A road atlas is preferred because it displays recreational areas available for camping, off-roading and hiking. Road atlases of specific areas are available for purchase at ranger's stations of national parks and forests, or online.
- Emergency Medical Kit:** Not all emergency kits are the same. It's important to make sure that any

medical kit in your car or on your person contains the following items:

- Rain poncho(s)
 - Gloves - both for warmth and for medical scenarios (ie. latex or nylon)
 - Medical Supplies
 - Scissors
 - Bandages
 - Gauze
 - Antibacterial wipes/antiseptic cream
 - Styptic powder (to help stop excessive bleeding)
 - Medical tape
 - Batteries
 - Road flares
 - Reflective hazard triangles and vest
- Rechargeable Jumper Pack:** These are preferable to jumper cables due to the fact that a person is no longer reliant on another running car to put power back into a dead battery. There are several different brands that offer just as many sizes - as long as the jumper pack can charge a 12 volt battery, it's not necessary to buy the biggest size possible for a truck or an SUV. Before heading toward the next adventure, it doesn't hurt to confirm that the charge is full.
 - Flashlight:** This seems like a no-brainer, but it remains one of the most commonly forgotten tools for campers and explorers alike. Out of the two types of flashlight bulbs, LED and incandescent, LED is quickly claiming the victory as the best type of flashlight on the market. With a higher output that

requires less input, batteries for LED flashlights last longer and shine brighter than traditional flashlights. LED flashlights are also typically rechargeable, making it a little more convenient since batteries aren't as necessary. Another big difference, however, is in price - LED flashlights are generally a lot pricier than incandescent flashlights. The deciding factor should be what would be demanded of a flashlight (ie. hiking, emergency use only, off-road or camping). If a flashlight is going to be a large part of the adventurous equation, then an LED would be the better option. If a flashlight is something that's going to lay mostly unused, then an incandescent flashlight (with spare batteries, of course) would do just fine.

- Batteries:** LED flashlight or not, it's sensible to have spare batteries for any and all electronics that call for them.
- Tools:** To fix anything that needs repairing, or to compile things for the campsite. Such tools would be:
 - Hammer
 - Axe or hatchet
 - Screwdrivers - both philips and flathead.
 - Knife

Tune in next week for more must-haves on your first camping trip such as kitchenware, camping attire, and hygiene items. Don't forget to look at last week's article that was chalk full of important first time camping tips!

Word Search

In honor of the Chinese New Year, this week's word search theme is traditions and attributes of the spring festival, which officially began on Feb. 5. Happy Year of the Pig!

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

- | | | | |
|----------------|-----------|---------------|-----------------|
| Almond cookies | Festival | Lanterns | Rice balls |
| Calendar | Fireworks | Lion dance | Spring Festival |
| Celebrate | Gathering | Pig | Spring rolls |
| Dragon dance | Good luck | Prosperity | Tradition |
| Dumplings | Incense | Red envelopes | Zodiac |

Sudoku

						6		1
8	7						5	
5		1				9	4	
		3			4		1	
7		9	1					
			8		7			
		1	4	3				
						8		
3	5					6		7

Solved puzzles

8	7					6		1
5		1				9	4	
		3			4		1	
7		9	1					
			8		7			
		1	4	3				
						8		
3	5					6		7

COLUMNS

The environmental effects of various fishing methods *TrueBlue*

I have met a number of students around campus at California State University, Monterey Bay (CSUMB), who love to fish. Some fish by rod and reel angling, others with traps, and some even slide into a wetsuit and jump into the water with a spear. For these students, fishing isn't just about the catch, it's about getting out and experiencing the marine environment.

"For me, fishing is something that I do more for the act itself, not necessarily to get seafood," said Jeffrey Chen, an environmental studies student at CSUMB. "It's about the challenge, and the sport." And he is right, anyone who has tried to catch their own seafood knows that fishing can be a real struggle at times. Other students may have mixed feelings about killing for sport or for food.

Ana Gonzalez, who also majors in environmental studies, believes, "Consuming fish produces negative environmental impacts similar to the consumption of other animals."

Whether or not you are for or against consuming seafood, there is a longstanding culture around seafood that is not likely to disappear any time soon. In fact, global consumption of seafood is expected to increase by 19 percent in the next seven years, according to the Food and Agriculture Organization of the United Nations.

If you enjoy the process of catching or eating seafood, before you go out on your next trip, it is important to recognize which fishing methods are environmentally friendly, and which are not. Below (and online) is a broad overview of various fishing methods, listed from greatest to least environmentally impactful. Many of our commercial fishing methods have room for improvement

and there are people working on improvements to the way they catch fish.

If you intend to go out and harvest your own seafood, remember to always check the current California state regulations on the California Department of Fish and Wildlife website (<https://www.wildlife.ca.gov/regulations>).

Blast Fishing: Kills fish through shock from the blast of explosives. Explosives used for blast fishing are usually homemade various of homemade bombs and dynamite. The habitat damage caused by blast fishing is incredibly destructive and irreversible, which is why it is illegal in many areas around the world.

Cyanide Fishing: Have you ever gone to a fish store to buy a pet fish? There is a chance that the pet fish was captured using cyanide fishing. A sodium cyanide solution is mixed a squirt bottle and taken underwater to stun fish. Cyanide is a poison and it often kills the targeted fish along with other marine life, like coral reefs. Despite being illegal in many countries selling ornamental aquarium fish, cyanide fishing is still a common method of capture.

Netting: There are many different techniques of netting that all essentially rely on meshes made from threads to catch fish. Some common methods of netting are: cast nets, drift nets, ghost nets, gillnets, and trawl nets. Many people are familiar with the environmental impacts of netting; however, some methods are considered very sustainable. Cast nets are small enough to operate by one person and result in little to no by catch. Larger netting techniques like bottom trawling, which relies on heavy weights to keep the net on the seabed, result in a large

amount of both habitat destruction and by catch. Netting methods are used for a variety of marine life including: clams, mussels, oysters, scallops, and all types of finfish. Bycatch from nets can affect non-targeted species including sharks, sea turtles, and marine mammals.

To learn more about environmentally friendly fishing methods go to thelutrinae.com to read the rest of this article. Have a column idea or story about the fisheries in Monterey Bay? Feel free to email me with your news, questions, or suggestions at jobowman@csumb.edu.

i Verde!

New year, new you

By Jen Becker

As the new year has come at us full throttle, remember your goals that you set at the end of last year: exercising four days a week, eating clean or only buying sustainably sourced clothing. Studies show that it takes an average of 21 days to break a bad habit and form a new one. This year, consider setting a sustainability goal.

I pledge to use less single-use plastics in my daily life. I try to bring my reusable straw and cup with me. If I forget them - I just say "no." The 1,000+ years that plastic will remain on the Earth is not worth the 15 minutes I take to drink it. Yes, plastic in a landfill is estimated to take 1,000 years to decompose (although plastic hasn't been around for 1,000 years, so that estimate reflects scientists best guess).

I used to think it was ok to get a single-use plastic cup because I would recycle it. However, recycling is not a "get-out-of-jail-free card." If you put your iced latte or mocha frappuccino into the recycling, and there is still liquid in it, you contaminate the whole batch. This all seemed so complicated that the easiest solution is to just bring my own or go without.

I spoke with our Sustainability Director, Lacey Raak, and her sustainability goal this year is to not purchase clothing containing microplastics (polyester, nylon, acrylic, lycra or spandex) with the intention of reducing the amount of harmful microplastic in the ocean, as well as buying second-hand whenever possible. Eliminating these purchases has an added social justice benefit.

As Raak stated, "Companies that care about the earth often care more about people as well, so I know that the people making my clothes are being paid a fair wage and are working in good conditions." The great thing about goals or resolutions is that they don't have to be the same, nor are they achieved the same way. The important thing is to do something.

To lead the campus, members of the President's Sustainability Committee set their sustainability goals this month. We challenge you to make your own sustainable pledge and share it with the world - keep a lookout for our display in the student center to join the President's Sustainability Committee and share your sustainability resolution with your fellow otters!

Risen *Creative Works*



By Madi Rapella

And despite the darkness she has risen
Above the dust and shackles of steel
She realized she was her own prison
She had succumbed to this never-ending wheel

It belittled and tortured her in the loneliest hour
It clawed at her heart and messed with her mind
She felt like she was locked away in a tower
For she loathed the vessel she was assigned

But deep inside the cracks of her essence
She knew she could overcome the voices
Of her toxic years of adolescence
She always knew she had other choices

This way of life could not commence
She aspired to flourish and rise
For she owed it to her soul to recompense
Before it withers away and dies

She knew she was a fragile being
But she held onto the new-found vision
Of a life that was tender and freeing
And despite the darkness she has risen

Bumblebee not a dissapointing prequel

Ray's Reviews

By Ray Kaiser
3.5/5



The "Transformers" films have a pretty rough legacy. They're on the ass-end of toys-turned-action films, and somehow even manage to be outdone in story and character by the '80s cartoon, which is frankly an accomplishment all on its own. However, with a change in leadership and a seemingly smaller scale, the franchise entertained a spark of hope at the tail end of 2018 with a prequel and very non-committal soft reboot. Everyone knows that a surefire way to fix a franchise is with a prequel, because they are often very good and get a very good reception. Okay, that's not fair - there are some very good prequels and even a lot of the prequels folks tend to dislike are actually pretty good.

Luckily for us, Travis Knight's "Bumblebee" falls into the category of good prequels, as well as the far less populated category of prequels that surpass whatever original they are preceding. "Bumblebee" is still a very shiny action film filled with robots punching each other, but underneath the gloss and explosions lies heart, direction and a love for the source material that never felt entirely present in any of Michael Bay's films.

Many of the strengths of "Bumblebee" are the weak points of the first series of films. The human characters are not screaming, awkward lunatics; the transformers' designs are more faithful to the first generation designs

of the '80s cartoon and the transformers themselves are better developed characters.

"Bumblebee" follows the story of a soldier, B-187, who is forced to flee his home and his family in an attempt to secure a place for his people to regroup. Doing his best to evade any pursuers, he ends up falling in love with a human character, Charlie (played by Hailee Steinfeld), and they eventually help each other get back to the people who need them. It's still no doubt an action blockbuster at its core, but it has genuine-feeling heart to it. The word wholesome comes to mind.

The performances in general were all quite good. There is a good amount of credit due to the film's writer, Christina Hodson, but the main human cast was compelling and not difficult to watch this time around. Steinfeld has good chemistry with a CGI character, which is a thing that's very easy to get wrong, and a substantial part of her character arc relating to the loss of her father felt good and connected well. Jorge Lendeborg Jr. teeters on the edge of playing a comic relief character, but in the end, is also a genuine human person.

Visual fidelity-wise, this film stands right alongside the five "Transformers" films preceding it. Even with a sizably smaller budget, the visual effects look just as good as they always have. The area in which "Bumblebee" far surpasses any of its predecessors is in visual design. Gone are the days of all the Decepticons being strange grey crab monsters, and if you'll excuse a very minor spoiler, the film opens with a scene set at the tail end of the war for Cybertron that had me grinning like an idiot the whole time.

The character design of both Autobot and Decepticon alike harken so lovingly back to the '80s designs, and not only are they recognizable to fans from those days, but they also are just generally much cleaner and more aesthetically pleasing designs. Despite it being only a couple of minutes long and completely CGI, the opening stands out as one of the best scenes from the film, and works as both a blast of nostalgia and a relatively good establishing sequence for becoming familiar with the world of transformers.

Stepping away from mythos of the source material for a second, this film is more than just a nostalgia trip. It does a really good job of capturing the '80s through music and production design.

Charlie is a character who's more than a shell, but she's someone who's easy to empathize with, especially through the attachment she feels to her alien companion. It's a pinch of "ET" (the being friends with an alien part, not the terrifying medical facilities part) and a sprinkle of "The Iron Giant," managing to capture that wonderment and feeling of genuine friendship with something that is far from traditionally friend-shaped.

"Bumblebee" doesn't completely escape the legacy of the other "Transformers" films, and there are a couple more comical scenes that really did not land. The action scenes also continue to tend towards two masses of metal smashing into each other with very inconsistent fragility and shots so close you can't really understand what's happening. It's not a zero-sum game though, and there are a number of sequences that are very well choreographed and create some amount of actual tensions.

Education Abroad



Wander the World

MONDAY

FEBRUARY 11

MAIN QUAD

11^{AM} - 2^{PM}

Learn about the hundreds of options available for students across all majors. Education Abroad advisors, alums, and international students will be there to help answer your questions!

EDUCATION ABROAD 101
MONDAYS, 12 PM - 1 PM
Gavilan Hall, Annex Room

WALK-IN HOURS
MWF 10:30 AM - 12 PM | TTh 2 - 4 PM
Gavilan Hall, Suite 207



CSUMB.EDU/EDUCATIONABROAD

educationabroad@csumb.edu

