



## ALL BLACK GALA BRINGS LIGHT TO RACIAL INJUSTICE AT MONTEREY HIGH SCHOOL



By Chike Okafor & Jessenya Guerra

**Disclaimer: This story contains reference to racial slurs.**

Hundreds of faculty, staff, and students filled the University Center ballroom to attend the third annual All Black Gala on Sunday, Feb. 10 at California State University, Monterey Bay (CSUMB).

The keynote speakers of this event were Michael Brown Sr., whose son, Michael Brown Jr. was shot and killed by a police officer in Ferguson, Missouri and Dr. David Ragland who is a co founder of the Truth Telling project. Marcellus Buckley, an international activist and artist was not able to attend because of bad weather and flight difficulties.

Introducing the night's speakers was Shanieka Jones, CSUMB's director of clery compliance, along with select student ambassadors from CSUMB. Jones lightened up the crowd by recognizing all of the attendees in their formal wear saying, "I see you all! My cocoa butter wearin', melanin, tea tree oil... I see all of you!"

**Continue Racial injustice on page 4**

Michael Brown Sr. sits on the edge of the stage and speaks about the night of Aug. 9, 2014 (left). Dr. David Ragland presenting at the third annual All Black Gala (right). Photos by Vincent Velasco.

## Increased housing fees impact CSUMB students

By Hailey Hill

It's no secret that pursuing higher education can be expensive, and for students at California State University, Monterey Bay (CSUMB), the costs of studying and living on campus are about to be a bit costlier.

As students begin to determine where, and with who, they will be living on campus in the fall, some have found they will be paying triple the amount for their housing deposit that students have in previous years.

The housing reservation deposit, which ensures a student's ability to live on campus during the upcoming semester, has increased to \$300, a sizeable increase from the previous \$100 deposit required for previous semesters. A \$40 non-refundable application fee is also in place.

This fee increase will not immediately affect all CSUMB students. When applying for the Fall 2019 semester, returning students who live on campus and choose to participate in the Reservation Days process will only be required to pay the original fee of \$100, along with the non-refundable \$40 application fee. Those affected by the fee increase include incoming freshman, students who lived off-campus during previous semesters and students who do not participate in Reservation Days.

Despite only a limited number of students being immediately affected by the increased fees, many students were less than happy to hear the news. Jaclyn Libhart, a junior transfer student at CSUMB, believes the increase to be unfair "because one of CSUMB's big points to draw people in is the affordable on-campus housing."

Libhart's sister, junior transfer student Christiana Libhart, also weighed in on the issue, saying "the increase kind of makes it less desirable [to live on campus] ... it tells me the school is going to start taking more from the students. If the benefits of living on campus [become] outweighed by the cost, than I rather live somewhere else."

Commuter students are also feeling weary about the fee increase. Freshman Grace Douglas, who has been considering living on campus during the next academic year, explains that "having an increased registration cost makes me a little more reluctant to live on campus; however, the overall cost of living is what I think a lot of students are hesitant about ... it is one of the bigger costs that we have on campus and for people with low-income families or people that are paying for themselves, it is a bigger deal."

**Continue Increased fees on page 4**

## University police speak on recent car break-ins



Story and photo by Hailey Hill

After it was discovered that several cars had been broken into in Lot 508 on Jan. 27, many students at California State University, Monterey Bay (CSUMB) were feeling on edge, worried their vehicles and belongings may be next.

However, it seems that CSUMB students can relax a bit when it comes to this issue. Detective Heather Murphy of the University Police Department was asked if there have been any other car theft incidents since those reported on Jan. 27 and she assured that "no, there [have] not. None that have been reported, at least."

Murphy also advised to "make sure your valuables are kept out of sight. We see phones and other items inside cars all the time when patrolling." Safety tips were provided in an email sent out about the crimes a few weeks ago and are also posted on the UPD website at csumb.edu/police.

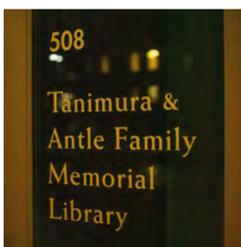
Despite no other cars being reported as broken into, it is important to remain vigilant, as no suspects have been identified and "it's still an open investigation." If you have any information regarding these recent crimes, you can report them anonymously by calling 831-655-0268. Of course, if you are in an emergency situation, always call 911.

### Emergency preparedness



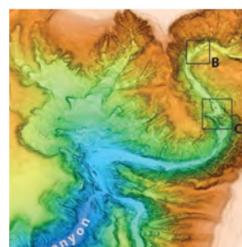
*How CSUMB plans to handle various emergencies*

### Behind the name



*The history of the Tanimura & Antle Memorial Library*

### Monterey Canyon



*The Grand Canyon of the Monterey Coast*

# CAMPUS

## Come what may, otters need to be prepared

By Yollette Merritt

California State University, Monterey Bay (CSUMB) is on over 1,000 acres of what is considered by many some of the most picturesque real estate in the world. Part of the long-term enjoyment of what is available necessitates being prepared for any and all natural and/or man-made emergencies including earthquake, fire and flooding. The preparation entails a general four-step action plan proposed by The Federal Emergency Management Agency (FEMA) to take time to (1) be informed (2) make a plan (3) build a kit- one for home, office and car as applicable, and (4) get involved.

“When emergencies happen, individual community members are often the first to respond helping themselves, their families and neighbors prior to the arrival of police or fire resources,” noted CSUMB’s website, “Based on past experience, emergency managers recommend everyone be prepared to take care of themselves for at least 72 hours following a disaster. If we’re prepared individually, we’re prepared to help others too.”

CSUMB has had some relatively minor emergencies in the past including vegetation fires, gas leaks, and the 2016 Soberanes Fire in Big Sur area where the university provided extensive support to Cal Fire and to PG&E. These types of emergencies activate the lowest “monitoring” level of CSUMB’s Emergency Operation Plan, which involves keeping key university officials apprised of the situation.

The person responsible for CSUMB’s Emergency Operation Plan is Ken Folsom, emergency manager. Folsom came to the CSUMB University Police Department in January of 2016 with 40 years prior public service in emergency preparedness, and specific health and safety issues on campus are handled by a specialist that reports directly to him.

The following are answers to some of the questions asked Folsom in his role as CSUMB Emergency Manager.

**Given the proximity to the ocean, is there any danger of tsunamis? I believe there was flooding in the area some time ago that blocked off Highway 1. Is there reason to be concerned?**

**Ken Folsom:** According to the tsunami inundation maps, the campus is not in the tsunami evacuation zone, but this does not mean we will not be affected by such an event. We may very well be cut off by flooding and

maybe without power for an extended period of time.

**Is CSUMB a designated community evacuation point?**

Yes, it is on the Red Cross list as a shelter location and also Monterey County Office of Emergency Services list, it would only be activated on request to the university and if the university has not activated it for ourselves.

**Does the university have a trained voluntary team to address emergencies? If so, is it open for others to join?**

We do not have a volunteer team on campus anymore, we direct people to the City of Marina, the City of Seaside or the City of Monterey. All of those cities have a community emergency response team.

**Are there any drills that take place on campus? Does each building have a designated leader to coordinate actions to be taken?**

Yes, each building has a posted evacuation plan with designated assembly areas on the maps. Every year, the university participates in the Great ShakeOut earthquake drill along with a campus-wide evacuation drill. The University has a system in place called the Building Emergency Coordinator (BEC) program with a BEC for almost every building on campus, we are always looking for staff and faculty members to become BEC. These individuals go through initial training and additional training every year.

**Are student emergency contact numbers updated or is that handled individually?**

This is handled by residential life. All students, staff and faculty are entered into the OtterAlert System when enrolled for email alerts, but they must enter their own cell phone numbers.



Promontory evacuation drill 2018. Photo by CSUMB Emergency Management.

**Is it correct that each building has first aid and AED devices? Are there ongoing options to receive training? Do we have a team of staff throughout the campus trained in first-aid?**

Yes, all buildings on campus have AED and First Aid Kits. CPR/AED classes are held each month for free available for staff, faculty and students at no cost. They are announced on the dashboard approximately 30 days before the class.

**Does the university have emergency supplies?**

We have a regional mass casualty and sheltering trailer with response equipment and some emergency equipment in multiple building on campus. The dining commons has a supply of food for multiple days.

**Do you have a wish list for the work yet to be done?**

There is always a wish list for my work, one of the first things is always looking for additional ways to notify the campus community in an emergency. New technology is always coming up and there is always room for improvements. The next thing would be keeping the campus community engaged in emergency preparedness. The last thing is time, time to train more people, time to plan more and time to make the community more emergency aware and be prepared.

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.

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## Otter Chatter

By Kristen Finley

Question: How do you feel about CSUMB’s language requirement?



**Raquel Magadan-Sanchez**  
Junior

“Personally, I don’t think so many semesters should be required. I can appreciate how valuable it is for us to learn the basics of another language, especially since every other country forces students to learn English, but having three whole semesters takes away valuable time and units when I could be taking more classes pertaining to my major.”

**Marlaina Gomez**  
Junior



“I think it’s good. My first language is Spanish so maybe I’m a little biased, but having people become aware of a language outside of what they’re familiar with and being culturally aware is so important. Learning another language bridges gaps between people and makes talking to people who speak Spanish or use sign language so much easier.”



**Victoria Green**  
Sophomore

“I feel like it’s good for us to have to take it. For me and taking ASL, it became my favorite class to go to. I never thought I would like a class as much as I like that one. Even though it’s at night, I get so excited going to that class. If it wasn’t required for me to take it, I don’t think I would have taken it just for fun, just because of costs, and I would have missed out on a class that makes me so happy.”

**Jordan Berg**  
Junior



“Three semesters shouldn’t be required, just because I feel like you get the basics down with two semesters. Having the third semester should be an option if you enjoy the class or required if your major calls for it, but otherwise, I think three is way too much. Especially since I took it in high school, so the first two classes just serve as review for what I already knew.”

# CAMPUS

## Offshore deep sea canyon fascinates Monterey Peninsula

By Yollette Merritt

Not often realized by many is the fact that some of the world's deepest valleys, highest peaks and largest plains are found at the ocean floor. California State University, Monterey Bay (CSUMB) located just a few miles away from a geographical wonder that rivals that of the Grand Canyon in northeastern Arizona.

This natural marvel is known as the Monterey Canyon, the deepest submarine canyon on the Pacific Coast and one of the estimated 9,477 submarine canyons in the world that covers about 11 percent of the continental slope. The Monterey Canyon starts offshore at Moss Landing with tributaries extending from the Soquel Canyon to the north and the Carmel Canyon to the south. The canyon drops to a depth of over two miles, twice as deep as the Grand Canyon, and spreads almost 250 miles out into the ocean.

CSUMB fourth-year marine science major, Duncan Miller, said, "I initially learned about the submarine canyon in my environmental policy class. I was formally introduced to the undersea canyon in my marine biology course on a field trip to Moss Landing Marine Labs."

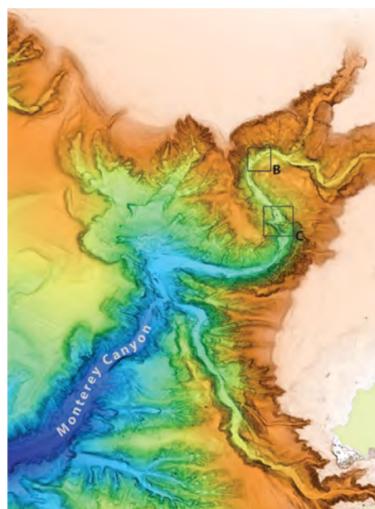
The Monterey Canyon "is a major feature that serves as a foundation for one of the most diverse temperate ecosystems in the world," said James Lindholm, professor of natural sciences and James W. Rote distinguished professor of marine science and policy and the Director of the Institute for applied marine ecology at CSUMB, "One of the coolest things about the Monterey Canyon, as well as its offshoot, the Carmel Canyon, is the proximity to shore. Both canyons effectively bring the deep sea within range of shore."

As submarine canyons consist of a wide range of habitats that extend from shallow waters of the continental shelf to the deep sea, they understandably contain a large diversity of organisms from krill, prickly sharks, clams, worms; invertebrates such as coral, sea cucumbers, sea pens; and fishes such as flatfishes, whiptails, hake and thornyheads.

"The rocky deep sea habitat boasts rare and bizarre species such as the comb jelly, vampire squid, and the fangtooth fish," said Miller, "all can survive at the intense pressures and without sunlight, some can withstand these harsh conditions for weeks or months; others stay for the extent of their lifetimes."

The Monterey Canyon has not only been a resource for CSUMB students, local residents and visitors alike, but also - for more than a century of documented history - a major resource for commercial fishermen who had travelled to the region specifically to harvest its rich abundance and diversity of marine life.

Several institutions are located at Moss Landing collaborating on research as well as protection of the region. The Monterey Bay Aquarium Research Institute (MBARI) is a private, non-



profit oceanographic research center, founded in 1987 by David Packard, with primary funding coming from the David and Lucile Packard Foundation. Charged with protection of part of the area is The Soquel Canyon State Marine Conservation Area, an offshore marine protected area in Monterey Bay.

Within the State Marine Conservation Area, fishing and taking of any living marine resources is prohibited except the commercial and recreational take of pelagic, or open ocean, finfish. CSUMB offers a single, interdisciplinary undergraduate degree in marine science that prepares students for a wide variety of jobs and graduate school programs. A masters degree in marine science is available through a collaboration with Moss Landing Marine Labs, a program of the California State University system with CSUMB and San Jose State University as key participants.

"The submarine canyon provides the ability for an entire deep sea ecosystem to exist. Marine biologists, such as those at MBARI and the Moss Landing Marine Labs, discover and catalogue uniquely adapted deep sea species that prove to be fascinating examples of the unknown," said Miller, "Other researchers with a more geology-based background map the vast stretches of seafloor that make up the canyon using sonar, remotely operated vehicles or autonomous undersea vehicles."

The "CSUMB marine science students have been conducting research in the Monterey and Carmel canyons for years, ranging from topographic mapping to fish ecology. In about 15 minutes, I'll be diving in the Carmel canyon with CSUMB research divers as part of ongoing thesis projects" said Lindholm, "It is quite common for us to be diving deep in the canyon in the morning and then to be back on campus by mid-day. It is one of the best living laboratories in the world."

"If scientific curiosity remains and the amount of quality research can continue, I predict that more of the public will take notice and expand their horizons," said Miller, "The Monterey submarine canyon is a natural wonder that should be carefully studied and presented to the world."



(top left, bottom) Monterey Bay Aquarium Research Institute (MBARI).

## Behind the name

### Tanimura & Antle Memorial Library

By Ray Kaiser

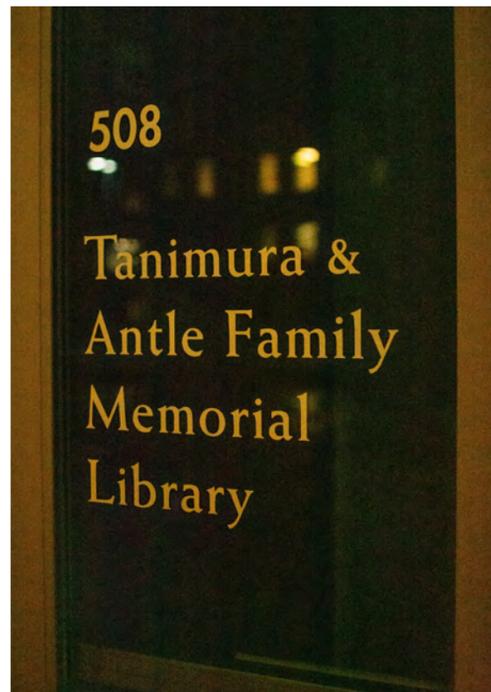
It takes a village to complete a project like the construction of a university campus. Whether that village is made up of wealthy investors, state committees or members of a community, it will ultimately be a team effort. In this mini-series, we'll take a look at some of the names, people and families that have been honoured for their contribution to our campus, starting with the Tanimura & Antle Memorial Library.

We owe particular thanks for our comfortably equipped library to, big surprise, the Tanimura & Antle company, renowned for their growing and selling of vegetables and produce across central California. Founded in 1982 by George Tanimura and Bob Antle, and built on many years of previous affiliation, the company flourished based on the Tanimura's growing expertise and the packing and shipping experience.

Particularly, we owe the library to Bob Antle, who was not only focused on his agriculture, but was also very involved in the community here in the Monterey Bay area with all kinds of similar endeavors. In the past, Bob Antle was president of the President's Council at California State University, Monterey Bay (CSUMB) here on campus, as well as the founder of Central Coast Water Quality Preservation, Inc.

His focus on immigration reform and the California water crisis led to the creation of charities like the Bob Antle Scholarship Fund, and of course the donation of our library, all earning him an honorary doctorate from CSUMB and his appointment to the California State Senate Commission of Agricultural Worker Housing & Health.

Unfortunately, as the final puzzle piece of the library's name suggests, Bob passed in 2013, with his son Rick taking up the reins and continuing to build on what the combined effort of the families has accomplished and overcome.



Picture of the name dedication to Tanimura & Antle Library. Photo by Angela Steele.



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# CAMPUS

## Racial injustice



(Left to Right) Dr. David Ragland, Kyle Firek, Shanieka Jones, Michael Brown Sr (left). Dariah Synal stands up to ask about racial injustice at Monterey Bay High School (right). Photos by Vincent Velasco.

### Continued from page 1

The first to speak was Brown who received a standing ovation when he walked on stage. He discussed with the crowd what he was doing and how he felt on the day he found out his 18-year-old son, who had recently graduated from high school, was shot multiple times in the middle of the street. At first, he did not believe it was his son that was killed.

“August 9, 2014 I had just got off work, around 11. I was doing laundry with my wife, and around 11:45 I got a phone call from Michael’s grandmother... she said that the police shot Mikey and he was lying dead in the street,” said the elder Brown.

The younger Brown’s death sparked outrage and protests in Ferguson and propelled the Black Lives Matter Movement. Later the elder Brown founded the Chosen for Change foundation to provide community awareness of the wrongful death of his son and other similar cases.

When asked from a member of the crowd how he keeps moving forward despite the tragic death of his son, Brown announced that some days were harder than others. He turned all the anger he was feeling into positivity and purpose. “Michael Brown changed a lot of things,” said Brown about his son. “He changed a lot of

policies. His mother started petitions. He worked from the grave.”

After Brown’s powerful speech about his son and the injustices that took place in 2014, Ragland came on stage to speak from a more academic perspective on Ferguson. “We need more teachers that look like the people they are teaching,” said Ragland. “Violence begets violence. Violence is a problem.”

“We have an entire generation of people growing up believing that black people were brought here as workers. Nawh ...we were brought here as slaves!” said Ragland, which led the entire crowd to erupt in applause. He continued, “Black lives Matter is an ideological and political intervention in a world where Black lives are systematically and intentionally targeted for demise. It is an affirmation of Black folks’ contributions to this society, our humanity, and our resilience in the face of deadly oppression.”

When the keynote speakers were asked questions, racism at a local school was brought up. Dariah Synal, who is the president of the Black Students Union at Monterey High School, discussed how two students used offensive words. Two females used a racial slur on separate occasions and posted it onto social media for people to



view, one wearing a charcoal-colored face mask saying, “Is this what being a n\*\*\*er feels like?” The incidents were reported to the school district, which the students stated has done little about the situation.

“This is an age of black face, of white people saying the N-word, of blatant disrespect of what black people are asking for, and it shouldn’t be tolerated,” said Ragland. “If we believe in a human dignity and support and care about our students, then we’ll deal with those issues. If [they] don’t, the school district is showing what they care about, and it’s not the Black and brown students.”

Many of the students were impressed by the night’s event. “The speakers were great,” said Sarah Smith, a CSUMB student, about the All Black Gala after it ended. “As a white person, it opened my eyes and gave a point of view that I haven’t been exposed to.”

Jennifer Costa, a member of Associated Students, wished there were more people in attendance, “I think it was powerful and a very necessary conversation to have and hear.”

## Increased fees



Friends (left to right) Megan Macias, Brittany Greenaway, and Eric Holst (freshmen) work together on filling out the Reservation Days housing application. Photo by Hailey Hill.

### Continued from page 1

Despite the voiced concern of many students, the increase in fees does serve an important, and beneficial, purpose. James Kimbrell, the market and outreach coordinator for student housing, explained that the increase is in part “to create more of a commitment to CSUMB ... with the lower deposit, there has been a greater chance of students canceling, or no-showing for their assignment. Knowing that a student is more likely to be fully committed to attending CSUMB and moving into their space makes the job of assigning bed spaces, and getting roommate information to students easier and much more certain.”

Kimbrell also assured that the money never goes any further than the paying student. “All deposits go towards fall housing charges, so that money is not lost,” he added, “Keep in mind that when putting down a deposit on an apartment off campus, a renter typically has to put down the equivalent of an entire month’s rent as a deposit.” As in many aspects, college living essentially mirrors “real-world” situations.

As for the non-refundable application fee, Kimbrell stated that this fee “goes towards all administrative costs including

the new application portal, the assignment process, new virtual housing tours etc. This is in line with both housing at other universities, as well as standard off campus apartment applications.”

Kimbrell concluded with the reminder that, “if a student has trouble paying the deposit, we will be more than happy to connect them with the appropriate people on campus to help with financial aid, or payment plans, but they need to reach out to us in a timely manner.”

It is also critical “to read the new license carefully. There have been several changes and [you] need to be aware of all dates, fees and deadlines.” Being informed is the best way to guarantee that you navigate the application process with success and ease.

If you currently live on campus and plan on participating in Reservation Days to secure a place to live on campus during the next academic year, be sure to submit your application and payment by the Feb. 22 deadline in order to take advantage of the reduced fee. If you miss this deadline, you will be required to pay at the increased rate. Emails will be sent out to inform students of other upcoming deadlines.

## Want to teach?

By Lauren Wolfsen

Come join the Student California Teachers Association (SCTA) club events to learn about a career in teaching. SCTA is a club that is geared toward helping prepare students who want to become teachers. SCTA will be offering several events this Spring 2019 semester. Our first general club meeting is Thursday, Feb. 21 from 5 to 6 p.m. in the Student Center, room 120.

We want your suggestions in our suggestion box! Come to the meeting to learn about CPR training, the Lindy Hop Swing Dance event on April 26 and prep for the California Basic Educational Skills Test (CBEST). Our CBEST test prep is Saturday, March 2 in Building 506, the Gambord Business Building, room 113. There

will be math sessions from 9 to 11 a.m. and reading and writing from noon to 4 p.m.

To register for CBEST prep, visit <http://tinyurl.com/3-2-19-GO-CBEST>. SCTA is also rallying students to



participate as Steinbeck Young Authors writing coaches on March 4, 2019 (come to our meeting for information). We will be having more club meetings on March 5, March 28, April 9 and April 23. There will be a CBEST test prep in South County as well. For more information, contact [ogage@csumb.edu](mailto:ogage@csumb.edu).

Register for the April 16, 2019 CBEST test before March 8 and load a screenshot in the url above of your registration receipt to win a \$5 gift card. Go SCTA!

## This day in history

### Feb. 14

By Ray Kaiser

Apart from being the birthday of English actor Simon Pegg, and of course, Valentine’s Day, Feb. 14 proves to be an important day for United States and the empires of Eurasia.

### 1556

English reformation leader Thomas Cranmer was declared a heretic by the pope and Catholic Church.

### 1655

The Mapuche, under the direction of their military leader Clentaru, rose up against the Spanish in present-day Chile and continued to be a thorn in the side of Spanish expeditionary forces for the remainder of their colonization efforts.

### 1804

Karadorde, better known as Black George, led the first Serbian uprising against the Ottoman Empire.

### 1849

James K. Polk, helmsman of the Mexican-American war, became the first U.S. president to have their photo taken.

### 1852

Great Ormond St Hospital for Sick Children, the first hospital to provide specific in-patient beds for children, was founded in London.

### 1859

Oregon was admitted as the 33rd United State.

### 1912

Arizona was admitted as the 48th and last contiguous U.S. state.

### 1920

The League of Women Voters, a U.S. women’s suffrage group, was founded in Chicago.

### 2018

Jacob Zuma resigned as president of South Africa.

# COLUMNS

## Agriculture and its lessons in sourcing food sustainability

*TrueBlue*

By Josh Bowman

What is aquaculture? Aquaculture is farming fish, or agriculture, in the water. There is currently a lot of development and research behind aquaculture as a means of meeting the growing demand for seafood without further exploiting the wild fisheries. Aquaculture is the fastest growing sector of seafood production worldwide and is expected to outpace the wild caught fishing industry within a decade. Most of the fish that people will eat in the future will likely come from aquaculture.

“World fish production is projected to reach 194 million tons in 2026, with an overall increase of 26 million tons,” stated an analysis of global seafood consumption done by the Food and Agriculture Organization of the United Nations. Recall that “peak fish” from wild caught seafood was reached about 25 years ago at 80 million tons.

Modern aquaculture has been made possible by combining new technology with scientific research and can produce virtually every type of seafood we consume today. Aquatic plants, fish, crustaceans and mollusks can now all be farmed using modern aquaculture technology.

Aquaculture sparked a large controversy when it first began to appear in grocery stores, fish markets and restaurants. “People were worried about how aquaculture was being done, and perhaps rightly so,” said Erin Satterthwaite, a California State University, Monterey Bay professor and Sea Grant fellow researcher.

Starting around the 1980s and continuing through today, stories about aquaculture became sensationalized. The stories captured the negative aspects of fish farming practices such as chemical use, antibiotics, animal waste, and other pollutants that harmed fish and environmental

health. Aquaculture activity can lead to eutrophication, the mass production of algae in water that is too high in plant nutrients such as nitrogen, phosphorus and potassium. The algae depletes the water of oxygen which can suffocate the fish.

Eutrophication is situation to the dead zone near the mouth of the Mississippi river in the Gulf of Mexico. To combat this, farmers use pesticides in their water to kill off the algae and antibiotics to prevent the fish from becoming sick.

“We should apply the lessons we learned from industrial agriculture, pesticide use and monoculture before moving forward with aquaculture,” stated Satterthwaite. Research institutions like Moss Landing Marine Labs and the Monterey Bay Aquarium Seafood Watch (MBASFW) are working with local aquaculture farmers like Monterey Abalone Company to ensure that the lessons learned from past mistakes in agricultural practices, which are very relevant to those living near the Salinas Valley, are put to use.

“Our aquaculture scientists are looking at a different suite of criteria like feed, chemical use, antibiotic use, disease, waste from the farm and escapes,” said Peter Adame from the MBASFW program, “Aquaculture often gets a bad reputation, but when it’s done responsibly, it can be very sustainable. Our ocean can’t keep up with our growing global demand for seafood. Aquaculture is helping meet that demand and relieve pressure off our wild fish stocks.”

While local aquaculture may have to live up to the rigorous environmental standards of the Monterey Bay, globally, there are still many fish farms that are not environmentally considerate. Before buying farmed fish, check out the MBASFW recommendations for aquaculture products.

## Valentine’s Day playlist

*Music Maven*

By Jenna Ethridge

Give the gift of music this Valentine’s Day! If you’re having trouble verbalizing your romantic feelings for someone (or just forgot to buy a present and are scrambling for a solution), there are plenty of songs to help explain your love.

Be sure to follow Music Maven on Spotify to keep up with other playlists and new music releases: <https://tinyurl.com/yakkvy9w>



### “Yr Face” by Oberhofer

“Yr Face” is a love song full of examples of pure admiration for someone else and the childlike feelings a person in love can embody. The line, “When I saw your face, I knew I was in love right away,” makes several appearances throughout the song, emphasizing Oberhofer’s certainty of love at first sight with his muse.

### “Try” by Molly Burch

If you’re dealing with unrequited love, Burch’s debut album “Please Be Mine” is the perfect Valentine’s Day soundtrack. Whether you’re listening by yourself or attempting to share your feelings with someone else, the line, “Sweetheart, won’t you call my name? Wouldn’t it be so nice if we felt the same?” is sure to evoke some emotion.

### “100 Million” by Charlie Hilton

In collaboration with Mac Demarco, Hilton’s “100 Million” serves as the perfect song for a pair of lovers to slow dance to. The line, “We fall in love but we keep falling, don’t we?” reiterates the message of the timelessness of a love such as that being described, one that lasts over centuries.

### “I Only Have Eyes for You” by Tashaki Miyaki

Originally written in 1934 by Al Dubin and Harry Warren, this song has been a staple for lovers for generations and has been covered by artists including Frank Sinatra, Art Garfunkel, Rod Stewart, and The Flamingos. The line, “My love must be some kind of blind love, I can’t see anyone but you,” demonstrates the overwhelming feeling that love can possess.

### “For You” by Tobias Jesso Jr.

After being discovered and signed by Adele back in 2015, Jesso’s love songs have been heard by millions. The line, “I would do anything for you, but you are the only thing good in my life,” reaffirms Jesso’s dedication and appreciation for his muse, and the positivity they bring.

## Car camping and what to bring on your first trip

*Car-ticle*

By Kristen Finley

The following is a continuation of the last two car-ticles that outlined things to take on your next car camping trip.

### 1. Kitchenware

- Propane powered stove (and up to three extra bottles of propane)
  - \* Wind guards are preferred, to keep the flame from going out.
  - \* Having at least two burners makes cooking more efficient.
- A medium-sized skillet
  - \* Many things can be cooked, or even boiled, in a medium-sized skillet.
- Deep pot for boiling
  - \* Great for cleaning water, if necessary.
- Biodegradable paper plates
- Biodegradable forks, knives and spoons
- Spatula, a ladle and a serving spoon
  - \* Fun fact: a spatula is fairly versatile - a serving spoon is good to have for stirring, and well, to serve.

- Sponge
- Environmentally-friendly soap
  - \* Be a label reader - steer clear from soaps that contain any phosphate, surfactants, triclosan or any “anti-bacterial” agents. Phosphate and surfactants are known to quicken the pace of algae growth, which can slow water flow and cause rivers to be filled with muck and block sunlight for plant life along the bottom. Triclosan, which is common in kitchen soaps and hand sanitizers, is incredibly toxic to water-dependent creatures.

- Cutting board
- Bottle and can opener
- Mugs and cups
- Matches (in case propane stove needs help igniting)
- Cooler and ice
- Wash bin for dishes

### 2. Camping Attire

In movies and some TV shows, it’s common to see people camping in normal, everyday clothes. While that’s acceptable if camping in the summer or even the spring, it’s suggested that there are a few of the following items are kept just in case:

- Moisture-wicking clothes
  - \* Including underwear and socks. If not wearing moisture-wicking pants or jackets,

## i Verde!

*Simple alternatives to plastic*

By Noah Sforza

As we become more aware of the detrimental effects plastic has on the environment, we may feel despair and wonder how we can limit our plastic consumption. In a previous article, we discussed how it is no longer enough to merely recycle, we need to take further actions to limit the amount of plastic produced, processed and used.

Before despair completely sets in, remember that plastic was not always a go-to item. Plastic as we know it today was introduced into the global economy in the early 1900s. In less than 100 years, we have learned to believe we need plastic. Luckily, this isn’t true. For every plastic item used, there are more environmentally conscious alternatives that are available to you in the Monterey Bay area.

Consider replacing plastic snack and sandwich bags for beeswax wrap or reusable silicone bags. Plastic water bottles can be substituted with a reusable glass or metal bottle which can be refilled on campus at our conveniently located hydration stations. When going grocery shopping, bring along a reusable bag to replace a single-use plastic bag. When eating take-out foods, bring along a set of dining ware instead of using single-use plastic ware. Decline a plastic straw when ordering a drink or use a reusable metal straw.

If you have all those basic environmental alternatives already part of your lifestyle, consider your next steps in making your life more plastic-free. Replace your plastic shampoo bottle with a shampoo bar. When purchasing fruits and vegetables, use a mesh reusable produce bag instead of a plastic bag. Consider buying locally before ordering online, this will reduce your plastic consumption through packaging and shipping. Bring your own containers when ordering to-go food.

Although your actions may feel small, they can have a significant impact. By choosing to take simple steps to limit your plastic consumption, you can make a positive impact on the world around you.

those can be substituted with moisture-resistant long johns and/or undershirts.

- Waterproof shoes or boots
  - \* These are great for camping around a lake or if gallivanting around in the snow. Keeping feet dry is an essential part of enjoying a camping trip.

- Clothes for unexpected weather changes
  - \* Such as rain jackets, boots, warm gloves (preferably water resistant or proof), warm socks, long sleeve shirts or longer pants, warm hat or beanie, etc.

### 3. Hygiene items

- Toothbrush
  - \* Tooth paste is not completely necessary - using water and a brush is an effective and environmentally-friendly option to adhere to dental health suggestions. However, if not using paste isn’t part of the plan, spit it out away from the campsite as mint may attract predators to the site and dilute it with water.
- Soap (see notes on environmentally-friendly dish soap, same suggestions apply)
- Feminine hygiene products, if applicable
- Extra toilet paper or wipes
- If roughing it out, bring a shovel. Going #2 in the woods is acceptable, but to truly leave no trace, it’s advised to bury excrement to minimize possible predatory encounters. That includes used [biodegradable] toilet paper.

### 4. Sun Glasses

### 5. Sun Screen

Regardless of which type of sunscreen makes it on the trip (chemical or mineral), make sure that it does not contain oxybenzone or octinoxate - two chemicals that are proven to wreak havoc in the wild.

### 6. Identification

Having an ID handy with a current address can come in good use in case of an emergency.

### 7. Storage

With all the items mentioned, it’s imperative that they’re all stored in something sturdy and preferably waterproof, to offer protection to both your items and your wallet. Also, it never hurts to clearly label them according to their purpose to make both finding and storing much simpler.

The list may seem daunting, but after a few trips, these items tend to come to the front of the mind when packing for the next adventure. With the basics covered, the topic switches to finding a site to reconnect with nature. Go to [thelutrinae.com](http://thelutrinae.com) for a more in-depth list.

# CREATIVE WORKS

## Malangaan, Phillipines

Photo Journal

By Mikko Mananghaya



35mm  
A motorcycle driving through Malangaan's stream (top left). Edwin Mananghaya hiring a young boy from the local shop as a tour guide through the caves (right). The local children swimming to cool off in the humid, hot weather (bottom left).

## I Just Needed A Day

By Joseph Miller

A long commitment  
A short commitment  
Love-hate relationship  
Physical, mental, virtual  
Just one day

Looping back around  
End up here  
Again and again  
It never stops  
What to blame

Break the cycle  
Give it a while  
Nothing is fast  
But not long  
Just one day

Who to blame  
Is it virtual  
Is it reality  
Is it invisible  
What about myself

Perhaps to myself  
Cause and effect  
Myself to blame  
But that's alright  
I fully understand

## In Loving Memory

By Joseph Miller

We can learn from the past era  
Yet we cannot dwell in the past life  
We wish to relive the past times  
But the time has come to leave the past

We live from our memories  
They shape us to be something  
Or help us become something  
Maybe we already are something

A memory means more than words  
In times of despair and destruction  
The thought shines in my world  
No one else's world, but my own

What it may be  
May we live from our memories  
For they are who we are  
In loving memory,

Are memories of a future important  
Thoughts and theories of what our lives should be  
Or thoughts of what our lives should have been  
Perhaps our future is our past; what is it then

My mind

## Word Search

Feb. 14 is Valentine's Day, otherwise known as one of the most stressful days of the year. Whether you're single or in a relationship, make sure to tell someone you care about that you love them. This week's word search includes words and phrases often associated with this widely-celebrated holiday!

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

- |           |         |            |            |
|-----------|---------|------------|------------|
| Arrow     | Cupid   | Kisses     | Romance    |
| Be Mine   | Date    | Love       | Roses      |
| Candy     | Flowers | Love Notes | Sweetheart |
| Chocolate | Hearts  | Pink       | Teddy Bear |
| Couple    | Hugs    | Red        | Valentine  |

## Sudoku

|   |   |   |   |   |   |   |   |     |
|---|---|---|---|---|---|---|---|-----|
|   | 6 | 9 | 3 |   |   |   |   |     |
| 1 |   | 5 |   |   |   |   |   | 4   |
|   | 3 |   |   | 2 | 8 |   |   |     |
| 3 |   |   |   |   |   |   |   |     |
|   |   |   |   |   |   |   |   | 1   |
| 9 |   | 4 | 6 |   |   |   |   | 3   |
| 5 |   |   | 2 |   | 1 | 9 |   | 4   |
|   |   |   |   | 5 |   | 3 | 6 |     |
| 6 |   |   |   |   |   |   |   | 5 2 |

### Solved puzzles

|   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|
| 6 | 9 | 3 | 5 | 2 | 8 | 4 | 1 | 7 |
| 2 | 4 | 1 | 8 | 5 | 6 | 3 | 7 | 9 |
| 5 | 7 | 3 | 2 | 6 | 1 | 9 | 8 | 4 |
| 9 | 1 | 4 | 6 | 7 | 2 | 5 | 3 | 8 |
| 7 | 5 | 6 | 9 | 8 | 3 | 4 | 2 | 1 |
| 3 | 8 | 2 | 1 | 4 | 5 | 7 | 9 | 6 |
| 4 | 3 | 7 | 5 | 2 | 8 | 6 | 1 | 9 |
| 1 | 2 | 5 | 7 | 9 | 6 | 8 | 4 | 3 |
| 8 | 6 | 9 | 3 | 1 | 4 | 2 | 7 | 5 |